

# **N**uclear Law Bulletin

**Index Nos. 1 to 114**

# **Nuclear Law Bulletin**

---

## **INDEX**

**Nos. 1 to 114**

---

**1968/2025**

**NUCLEAR ENERGY AGENCY  
ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT**



## EXPLANATORY NOTE

This new edition of the Nuclear Law Bulletin Index covers the first 114 issues of the Nuclear Law Bulletin (NLB).

By established practice, the plan of the Index is not a replica of the Bulletin, as it was considered more useful for research purposes to group together all the information concerning legislative and regulatory activities, case law and bilateral agreements and to classify this information by country.

Following classification by country, references to the work of international organisations, multilateral agreements, studies and articles are set out in separate sections. The "Bibliography and News Briefs" section is omitted from the Index. A separate chapter of the Index has been devoted to the listing of the instruments published in the Supplements to the Bulletin, or in the Chapter "Texts" from past Bulletins, up until the present date.

Each item in the Index is followed by a reference to the relevant Bulletin. Legislative and regulatory texts, as well as agreements reproduced in the Bulletins or their Supplements, are also referenced.



## TABLE OF CONTENTS

<b>PLAN OF INDEX.....</b>	<b>10</b>
<b>REPORTS AND COMMENTARY .....</b>	<b>11</b>
<b>CLASSIFICATION BY COUNTRY .....</b>	<b>13</b>
Albania.....	13
Algeria.....	13
Argentina.....	15
Armenia.....	18
Australia.....	20
Austria.....	24
Belarus.....	26
Belgium.....	29
Bolivia.....	35
Bosnia and Herzegovina.....	35
Brazil.....	35
Bulgaria.....	41
Cameroon.....	43
Canada.....	43
Chile.....	48
China (People’s Republic of).....	49
Colombia.....	51
Côte D’Ivoire.....	51
Croatia.....	51
(Former) Czech and Slovak Federal Republic.....	52
Czech Republic.....	53
Democratic People’s Republic of Korea.....	55
Democratic Republic of the Congo.....	56
Denmark.....	56
Egypt.....	58
Estonia.....	59
Ethiopia.....	60
Finland.....	60
France.....	64
Gabon.....	90
Georgia.....	90
Germany.....	90
Ghana.....	105
Greece.....	105
Hong Kong, China.....	107

Hungary .....	107
Iceland .....	111
India .....	111
Indonesia .....	113
Iran .....	115
Ireland.....	116
Israel .....	118
Italy .....	119
Japan .....	125
Jordan.....	131
Kazakhstan .....	132
Kenya .....	133
Korea .....	134
Kuwait.....	136
Latvia .....	136
Lebanon .....	139
Libya.....	139
Lithuania .....	140
Luxembourg.....	144
Madagascar .....	146
Malaysia.....	146
Mauritius .....	147
Mexico.....	147
Moldova .....	149
Mongolia.....	149
Montenegro.....	150
Morocco .....	150
Myanmar .....	151
Netherlands .....	151
New Zealand.....	154
Nicaragua .....	154
Nigeria .....	154
Republic of North Macedonia .....	155
Norway .....	155
Pakistan .....	158
Peru .....	158
Philippines .....	159
Poland .....	160
Portugal.....	163
Romania .....	168
Russian Federation.....	175
Serbia .....	181
(Former) Serbia and Montenegro .....	182
Singapore.....	182
Slovak Republic .....	183
Slovenia .....	189

South Africa .....	193
Spain .....	195
Sweden .....	199
Switzerland .....	203
Syrian Arab Republic .....	211
Chinese Taipei .....	211
Tanzania.....	212
Thailand .....	212
Tunisia .....	212
Türkiye.....	213
Uganda.....	216
Ukraine .....	216
United Arab Emirates .....	220
United Kingdom .....	221
United States.....	228
Uruguay .....	252
Uzbekistan .....	253
Venezuela.....	253
Viet Nam.....	254
(Former) Yugoslavia.....	255
Zambia.....	256
Zimbabwe.....	256
<b>INTERNATIONAL ORGANISATIONS.....</b>	<b>257</b>
Arab Atomic Energy Agency .....	257
Council of Europe .....	257
European Organization for Nuclear Research (CERN) .....	258
European Union (Euratom) .....	258
Food And Agricultural Organization (FAO) .....	274
International Atomic Energy Agency (IAEA).....	275
International Commission On Radiological Protection (ICRP) .....	287
International Energy Agency (IEA) .....	287
International Labour Organization (ILO) .....	288
International Maritime Organization .....	288
International Tribunal for the Law of the Sea.....	288
Nuclear Energy Agency (NEA).....	289
Nuclear Suppliers Group (NSG) .....	297
Pan-American Health Organization.....	298
Permanent Court of Arbitration .....	298
Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO).....	298
United Nations.....	299
World Health Organization (WHO) .....	299
<b>MULTILATERAL AGREEMENTS .....</b>	<b>301</b>
<b>STUDIES AND ARTICLES .....</b>	<b>306</b>
Studies .....	307

Articles.....	309
<b>TEXTS REPRODUCED IN THE NUCLEAR LAW BULLETIN .....</b>	<b>322</b>
<b>CLASSIFICATION BY COUNTRY .....</b>	<b>323</b>
Albania.....	323
Argentina.....	323
Armenia.....	323
Australia .....	324
Austria .....	324
Belarus .....	324
Belgium.....	325
Brazil.....	326
Bulgaria.....	326
Canada.....	326
China (People’s Republic of).....	327
Croatia .....	327
Czech Republic .....	328
Democratic People’s Republic of Korea .....	328
Denmark.....	328
Egypt .....	329
Estonia .....	329
Finland.....	329
France .....	330
Germany.....	331
Greece .....	332
Hungary.....	332
Iceland .....	333
India .....	333
Ireland.....	334
Italy .....	334
Japan .....	335
Korea .....	336
Latvia .....	336
Lithuania .....	337
Luxembourg.....	337
Mexico.....	337
Moldova .....	338
Morocco .....	338
Netherlands .....	338
Norway .....	339
Poland .....	339
Portugal.....	340
Romania .....	340
Russian Federation.....	340
Slovak Republic .....	341
Spain .....	341

---

Sweden .....	341
Switzerland .....	342
Chinese Taipei .....	343
Türkiye.....	343
Ukraine .....	344
United Arab Emirates .....	344
United Kingdom .....	344
United States.....	345
Uruguay .....	346
(Former) Yugoslavia.....	346
<b>INTERNATIONAL ORGANISATIONS.....</b>	<b>347</b>
Council of Europe .....	347
European Union (Euratom) .....	347
International Atomic Energy Agency (IAEA).....	348
Nuclear Energy Agency (NEA).....	349
Nuclear Power Plant Exporters (Carnegie Principles) .....	349
Nuclear Suppliers Group (NSG) .....	349
United Nations.....	349
<b>MULTILATERAL AGREEMENTS .....</b>	<b>351</b>

## **PLAN OF INDEX**

### **REPORTS AND COMMENTARY**

#### **CLASSIFICATION BY COUNTRY**

##### *Legislative and regulatory activities*

- Environmental protection
- Food irradiation
- General legislation, regulations and instruments
- International co-operation
- Liability and compensation
- Licensing and regulatory infrastructure
- Nuclear installations
- Nuclear safety and radiological protection (including nuclear emergency planning)
- Nuclear security
- Nuclear trade (including non-proliferation)
- Nuclear-powered ships
- Organisation and structure
- Radioactive materials (including physical protection)
- Radioactive waste management
- Transport of radioactive materials

##### *Case law*

##### *Administrative decisions*

##### *Agreements*

#### **INTERNATIONAL ORGANISATIONS**

#### **MULTILATERAL AGREEMENTS**

### **STUDIES AND ARTICLES**

### **TEXTS REPRODUCED IN THE NUCLEAR LAW BULLETIN**

#### **CLASSIFICATION BY COUNTRY**

#### **INTERNATIONAL ORGANISATIONS**

#### **MULTILATERAL AGREEMENTS**

## **REPORTS AND COMMENTARY**



## CLASSIFICATION BY COUNTRY

### Albania

#### Legislative and regulatory activities

##### **General legislation, regulations and instruments**

- 1995 Law on Ionising Radiation Protection and Draft Implementing Decrees (NLB 60, p. 73). The text of this Law is reproduced in **NLB 60, p. 115**.

##### **Radioactive waste management**

- 2004 Regulations on radioactive waste management (NLB 73, p. 69).

##### **Transport of radioactive materials**

- 2004 Regulations for the safe transport of radioactive materials (NLB 73, p. 69).

#### Agreements

- 1992 Agreement with Germany on Environmental Protection (NLB 52, p. 80).

### Algeria

#### Legislative and regulatory activities

##### **Food irradiation**

- 2005 Decree on Food Irradiation (NLB 76, p. 70).

##### **General legislation, regulations and instruments**

- 2019 Law No. 19-05 of 17 July 2019 on nuclear activities (NLB 105, p.93).

##### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1986 Decree and 1988 Interministerial Orders relating to the Control of Radioactive Sources and Protection against Ionising Radiation (NLB 44, p. 27).
- 2005 Decree on Protection against Ionising Radiation (NLB 76, p. 69).

- 2017 Executive Decree No. 17-126 (NLB 99, p. 75).
- 2021 Decree of 8 Ramadhan 1442, corresponding to 20 April 2021, establishing the organisation and operation of the National Nuclear Safety and Security Authority (NLB 110, p. 67).

### **Nuclear security**

- 2013 Presidential Decree establishing a specialised training and support centre for nuclear security (NLB 92, p. 97).
- 2014 Presidential Decree setting out the nuclear security provisions applying to the physical protection of nuclear facilities, nuclear materials and the security of radioactive sources (NLB 94, p. 119).

### **Organisation and structure**

- 1996 Decree establishing the Atomic Energy Commission (NLB 61, p. 65).

### **Radioactive waste management**

- 2005 Decree on Radioactive Waste Management (NLB 76, p. 70).

### **Agreements**

- 2008 Accord with China on the Development of Peaceful Nuclear Power (NLB 82, p. 199).
- 2008 Agreement with Argentina on co-operation in the peaceful use of nuclear energy (NLB 82, p. 199).
- 2008 Accord with China on Training, Research and Human Resources (NLB 82, p. 200).
- 2008 Accord with France on Training, Research and Human Resources (NLB 82, p. 200).
- 2008 Accord with the Russian Federation on Training, Research and Human Resources (NLB 82, p. 200).
- 2008 Accord with the United States on Training, Research and Human Resources (NLB 82, p. 200).
- 2010 Co-operation Agreement with Jordan in the Fields of Energy, Nuclear Energy, Oil and Gas (NLB 85, p. 151).

## Argentina

### Legislative and regulatory activities

#### **Food irradiation**

- 1989 Regulations concerning the Operation of Food Irradiation Facilities (NLB 44, p. 29).

#### **General legislation, regulations and instruments**

- 1972 Summary of the main texts applicable in the field of nuclear energy (NLB 9, p. 4).
- 1977 Decree on the Objectives and Nuclear Policy of Argentina (NLB 21, p. 4; NLB 23, p. 4).
- 1978 Act regarding the contract with Peru on creation of a Peruvian Nuclear Research Centre (NLB 23, p. 4).
- 1979 Decree approving the construction, commissioning and operation of four nuclear power plants (NLB 23, p. 4).
- 1987 Decree approving the National Energy Plan for 1986-2000 (NLB 41, p. 9).
- 1992 Act on Peaceful Nuclear Applications in the Province of Cordoba (NLB 50, p. 55).
- 1997 Law on Nuclear Activities (NLB 59, p. 43). 1998 Implementing Decree (NLB 63, p. 61).
- 2002 Resolution on Penalties for Offences in respect of Class II and III Installations, Non-Routine Practices and the Transport of Radioactive Substances (NLB 70, p. 27).
- 2004 Amendment to the Criminal Code (NLB 79, p. 59).

#### **Liability and compensation**

- 1974 Bill on the Third Party Liability of Operators of Nuclear Power Stations (NLB 14, p. 4).
- 1997 Law on Nuclear Activities, Section 9 (NLB 59, p. 43).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1999 Resolution on the Nuclear Emergency Response System (NLB 66, p. 33).

#### **Nuclear trade (including non-proliferation)**

- 1992 Decree establishing Controls on Sensitive Exports (NLB 50, p. 56). 1993 Amendment (NLB 52, p. 48).

**Organisation and structure**

- 1974 National Atomic Energy Commission: Decrees and Resolutions (NLB 15, p. 6). 1977 Resolution (NLB 23, p. 5). 1981 and 1987 Decrees (NLB 28, p. 7; NLB 41, p. 9). 1994 Decree reorganising the nuclear sector (NLB 54, p. 42). 1998 and 2001/2002 Decrees reorganising the Commission (NLB 62, p. 59; NLB 68, p. 53; NLB 69, p. 65; NLB 70, p. 27).
- 1983 Decree creating an Advisory Committee on Nuclear Affairs (NLB 34, p. 6).
- 1992 Decree establishing a Commission in the Presidency General Secretariat (NLB 51, p. 59).
- 2000 Decision on the establishment of the Interministerial Commission for Atucha II (NLB 65, p. 26).
- 2002 Decree reorganising the Nuclear Regulatory Authority (NLB 69, p. 65).
- 2003 Decree on the organisation of the Ministry of Federal Planning, Public Investment and services (NLB 73, p.70).
- 2015 Decree reorganising the main institutions of the nuclear sector in Argentina (NLB 98, p. 67).

**Radioactive materials (including physical protection)**

- 1956 Decree-Law on Nuclear Ores (NLB 9, pp. 4 and 5), amended by the 1980 Act on the Regime for Exploration for Nuclear Ores (NLB 28, p. 6). 1980 Decree on the Exploration Programme for Nuclear Ores (NLB 28, p. 6). 1986 Amendment (NLB 41, p. 10).
- 1981 Decree on the Activities of the Atomic Energy Commission in Connection with Nuclear Fuel Production (NLB 28, p. 7).
- 1992 Resolution on Basic Rules for Physical Protection (NLB 51, p. 59).

**Radioactive waste management**

- 1998 Law on Radioactive Waste Management (NLB 56, p. 74; NLB 63, p. 62).

**Transport of radioactive materials**

- 1993 Regulations on the Safe Transport of Radioactive Materials (NLB 53, p. 75).

**Case law**

- 2005 Proceedings Before the Federal Criminal Court of First Instance Concerning Environmental Radiological Contamination Near the Ezeiza Centre (NLB 76, p. 63).

**Administrative decisions**

- 2000 Decision on the establishment of the Interministerial Commission for Atucha II (NLB 65, p. 26).

## Agreements

- 1971 Agreement with the Federal Republic of Germany on the Use of Argentine Waters and Ports by the N.S. Otto Hahn (NLB 8, p. 34; NLB 9, p. 35). The text of the Agreement is reproduced in **NLB 10, p. 37**.
- 1972 Agreement with Venezuela on Technical Co-operation in the Peaceful Uses of Nuclear Energy. 1979 Supplementary Agreement (NLB 25, p. 41).
- 1974 Agreement with India on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 31, p. 28).
- 1976 Agreement with Chile on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 32, p. 28).
- 1980 Co-operation Agreement with Brazil on the Peaceful Uses of Nuclear Energy (NLB 29, p. 35; NLB 31, p. 28). The text of the Agreement is reproduced in **NLB 27, p. 30**. 1986 Protocol concerning Prompt Notification and Mutual Assistance in the Event of Nuclear Accidents (NLB 38, p. 51). 1987 Agreement on the same topic (NLB 39, p. 36).
- 1981 Agreement with the Federal Republic of Germany on Exchange of Technical Information and Co-operation in Nuclear Safety (NLB 28, p. 43).
- Joint nuclear policy statements of 1985, 1988, 1990 and 1991 with Brazil (NLB 37, p. 40; NLB 42, p. 48; NLB 47, p. 69; NLB 48, p. 60; NLB 49, p. 71; NLB 56, p. 107).
- 1985 Agreement with the People's Republic of China on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 51).
- 1988 Agreement with Türkiye on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 48; NLB 49, p. 71).
- 1988 Joint Declaration with Peru on Peaceful Nuclear Co-operation (NLB 43, p. 91).
- 1990 Agreement with Indonesia on Peaceful Nuclear Co-operation (NLB 53, p. 107).
- 1990 Agreement with Romania on Peaceful Nuclear Co-operation (NLB 53, p. 108). 1999 Memorandum of Understanding (NLB 66, p. 60).
- 1996 Agreement with Euratom relating to the Peaceful Uses of Nuclear Energy (NLB 61, p. 95).
- 1996 Agreement with the Republic of Korea for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 62, p. 79).
- 1997 Agreement with Greece on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 61, p. 95).
- 1997 Implementing Arrangement with the United States for Technical Exchange and Co-operation in the area of Peaceful Uses of Nuclear Energy (NLB 61, p. 96).
- 2000 Co-operation Agreement with Bulgaria in the Field of Peaceful Use of Nuclear Energy (NLB 66, p. 59).

- 2001 Agreement with Australia concerning Co-operation in the Peaceful Uses of Nuclear Energy (NLB 68, p. 77).
- 2001 Joint Declaration regarding the Creation of the Argentinean Brazilian Agency for Nuclear Energy Applications (NLB 68, p. 77).
- 2008 Agreement with Algeria on co-operation in the peaceful use of nuclear energy (NLB 82, p. 199).
- 2009 Agreement with Jordan on co-operation in the peaceful uses of nuclear energy. (NLB 84, p. 193).
- 2009 Agreement with India on the development, promotion of nuclear energy and co-operation in civil nuclear energy projects (NLB 84, p. 193).
- 2009 Agreement on a co-operation program including the development of the advanced CANDU reactor (ACR-1000) (NLB 84, p. 193).
- 2010 Memorandum of understanding with the Russian Federation to co-operate in the peaceful uses of nuclear energy including the construction of a nuclear power plant and the supply of nuclear fuel, (NLB 85, p. 151).
- 2010 Agreement with the Republic of Korea on civilian nuclear co-operation (NLB 86, p. 93)
- 2010 Agreement with Chile on Energy Co-operation Which Includes Nuclear Power Generation (NLB 86, p. 93).

## Armenia

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1999 Law for the Safe Utilisation of Atomic Energy for Peaceful Purposes (NLB 60, p. 74; NLB 63, p. 62). The text of the Law is reproduced in the **Supplement to NLB 65**. 2004 Amendment (NLB 75, p. 111). 2013 Amendment (NLB 92, p. 97).

#### **Licensing and regulatory infrastructure**

- 2004 Law on amendments and additions to the Licensing Law (NLB 73, p. 70).
- 2012 Decree regarding design safety requirements for new nuclear power plant units (NLB 91, p. 115).
- 2012 Decree regarding new method for seismic hazard assessment for new nuclear unit sites (NLB 91, p. 115).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1998 Law on Public Protection in Emergency Situations (NLB 65, p. 29).

- 2012 Decree No. 418 on the Approval of the Procedure for Investigation of Nuclear Power Plant Operational Event (NLB 89, p. 113)
- 2012 Ministerial Establishing Requirements for the Accounting of Radioisotopic and Ionising Radiation Sources at Atomic Energy Utilisation Installations (NLB 89, p. 113).
- 2012 Decrees regarding the process and requirements for the design life extension of Armenian nuclear power plant unit 2 (NLB 90, p. 115).

#### ***Nuclear trade (including non-proliferation)***

- 2004 Government Decree on Licensing Procedures for Import/Export of Radioactive Materials (NLB 75, p. 112).

#### ***Organisation and structure***

- 2000 Decree on State Regulation of Nuclear and Radiation Safety in relation to the Use of Atomic Energy (NLB 65, p. 29).
- 2000 Decision approving the Statute of the Armenian Nuclear Regulatory Authority (NLB 66, p. 34).

#### ***Radioactive materials (including physical protection)***

- 2003 Decree on the strengthening of physical protection and security measures at nuclear facilities (NLB 73, p. 70).
- 2004 Government Decree Regulating the Licensing procedure for use of Ionising Generators, Radioactive Materials and Equipment Containing Radioactive Materials (NLB 76, p. 70).

#### **Agreements**

- 1999 Agreement with Ukraine on Technical Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 64, p. 67).
- 2000 Co-operation Agreement with the Russian Federation on the Peaceful Use of Nuclear Energy (NLB 67, p. 61).
- 2008 Agreement with the Russian Federation setting up a joint venture to prospect for and mine uranium and other minerals in Armenia (NLB 82, p. 200).
- 2010 Agreement with the Russian Federation on intergovernmental co-operation for the construction of new nuclear power capacity (NLB 86, p. 94).
- 2013 Agreement with Belarus on the exchange of information and co-operation in the field of nuclear safety and radiation protection (NLB 93, p. 97).

## Australia

### Legislative and regulatory activities

#### **Environmental protection**

- 1978 Environment Protection (Nuclear Codes) Act (NLB 23, p. 6). Repealed by the 1998 Radiation Protection and Nuclear Safety (Consequential Amendments) Act (NLB 63, p. 64).
- 1978 Environment Protection (Alligator Rivers Regions) Act (NLB 23, p. 6). 1987 Amendment (NLB 40, p. 8).
- 1978 Environment Protection (Northern Territory Supreme Court) Act (NLB 23, p. 6).
- 1978 Nuclear Activities Regulation Act (Western Australia) (NLB 25, p. 6).
- 1981 Environment Protection (Sea Dumping) Act. 1986 Amendment (NLB 39, p. 7).
- 1999 Environment Protection and Biodiversity Conservation Act (NLB 67, p. 29). 2000 Implementing Regulations (NLB 67, p. 29).

#### **General legislation, regulations and instruments**

- 1953 Atomic Energy Act. 1973, 1978 and 1987 Amendments (NLB 13, p. 4; NLB 23, p. 5; NLB 28, p. 7; NLB 38, p. 7; NLB 39, p. 6).
- 1983 Nuclear Activities (Prohibitions) Act (Victoria) (NLB 40, p. 7).
- 1986 Uranium Mining and Nuclear Facilities (Prohibitions) Act (New South Wales) (NLB 40, p. 7).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1968 Regulation concerning Navigation (Nuclear Ships) (NLB 10, p. 6).
- 1980 Radiation Safety (Qualifications) Regulations. 1984 Amendment (NLB 34, p. 6).
- 1980 Code of Practice on Radiation Protection in Mining and Milling of Radioactive Ores. 1986 Guideline (NLB 39, p. 6).
- 1981 Mines Safety Control (Radiation Protection) Regulations (Northern Territory of Australia) (NLB 34, p. 7).
- 1982 Radiation Protection and Control Act (South Australia) (NLB 32, p. 6).
- 1982 Code of Practice on Radiation Protection in the Mining and Processing of Mineral Sands (Western Australia) (NLB 34, p. 9).
- 1983 Radiation Safety (General) Regulations (Western Australia) (NLB 34, p. 9). 1997 Amendment (NLB 62, p. 59).
- 1983 Radiation Ordinance (Australian Capital Territory) (NLB 37, p. 6).

- 1983 Health (Radiation Safety) Act (Victoria) and 1984 Implementing Regulations (NLB 34, p. 7; NLB 37, p. 7).
- 1984 Code of Nursing Practice for Staff Exposed to Radiation (NLB 37, p. 10).
- 1984 Code of Practice for Protection from Ionising Radiation emitted from X-ray Analysis Equipment (NLB 37, p. 10).
- 1985 Regulations on Ionising Radiation (South Australia) (NLB 36, p. 6).
- 1988 Code of Practice for the Design and Safe Operation of Non-Medical Irradiation Facilities (NLB 45, p. 37).
- 1988 Code of Practice for the Control and Safe Handling of Radioactive Sources used for Therapeutic Purposes (NLB 45, p. 37).
- 1990 Radiation Control Act and 1993 Regulation (New South Wales) (NLB 48, p. 36; NLB 53, p. 76).
- 1995 Recommendations and Standards on Radiation Exposures (NLB 57, p. 72).
- 1998 Radiation Protection and Nuclear Safety Act (NLB 63, p. 64). 1999 Implementing Regulations (NLB 64, p. 47).
- 2004 National Directory for Radiation Protection (NLB 74, p. 39).
- 2015 Bill to amend the Australian Radiation Protection and Nuclear Safety Act 1998 (NLB 96, p. 79).

#### ***Nuclear trade (including non-proliferation)***

- 1986 South Pacific Nuclear Free Zone Treaty Act (NLB 39, p. 7).
- 1987 Nuclear Non-Proliferation (Safeguards) Act and 1987 Implementing Regulations (NLB 38, pp. 9 and 12; NLB 40, p. 8).

#### ***Organisation and structure***

- 1987 Australian Nuclear Science and Technology Organisation (ANSTO) Act and 1987 ANSTO (Transitional Provisions) Act (NLB 38, p. 8; NLB 39, p. 6). The text of the ANSTO Act is reproduced in **NLB 40, p. 54**. 1992 Amendment of the ANSTO Act (NLB 54, p. 43). Partial repeal in 1998 (NLB 63, p. 64).
- 1998 Establishment of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA): Radiation Protection and Nuclear Safety Act (NLB 63, p. 64).
- 2006 Australian Nuclear Science and Technology Organisation (ANSTO) Amendment Act (NLB 79, p. 59).

#### ***Radioactive materials (including physical protection)***

- 1980 Radioactive Ores and Concentrates (Packaging and Transport) Regulations (Northern Territory of Australia) (NLB 34, p. 10).
- 1987 Nuclear Non-Proliferation (Safeguards) Act and 1987 Implementing Regulations (NLB 38, pp. 9 and 12; NLB 40, p. 8).

### **Radioactive waste management**

- 1982 Code of Practice on the Management of Radioactive Wastes from the Mining and Milling of Radioactive Ores (NLB 30, p. 6).
- 2005 Commonwealth Radioactive Waste Management Act (NLB 77, p. 49).
- 2006 Commonwealth Radioactive Waste Management Legislation Amendment Act (NLB 79, p. 60).
- 2012 National Radioactive Waste Management Act 2012, No. 29 (NLB 89, p. 113).

### **Transport of radioactive materials**

- 1969 Regulations on the Maritime Transport of Radioactive Materials (NLB 4, p. 4; NLB 6, p. 4).
- 1969 General Post Office Guide on, *inter alia*, the conditions for transmission by post of nuclear substances (NLB 5, p. 6).
- 1973 Navigation (Cargo Hazards Prevention) Regulations (NLB 18, p. 6).
- 1982 Radiation Safety (Transport of Radioactive Substances) Regulations (Western Australia) (NLB 34, p. 11).
- 1984 Radiation Safety (Transport of Radioactive Substances) Regulations (South Australia) (NLB 36, p. 8).
- 1990 Code of Practice for the Safe Transport of Radioactive Substances (NLB 48, p. 37).

### **Case law**

- 1998 Federal Court Decision on Jabiluka Uranium Mine (NLB 61, p. 55).
- 2020 Barnjarla Determination Aboriginal Corporation RNTBC v District Council of Kimba (No 2) FCAFC 39 (NLB 104, p. 9).

### **Agreements**

- 1957 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy. 1985 Administrative Arrangements (NLB 35, p. 55; NLB 38, p. 52).
- 1978 Agreement with Finland concerning the Transfer of Nuclear Material (NLB 22, p. 37; NLB 25, p. 38).
- 1981 Agreement with Euratom on the Transfer of Nuclear Materials (NLB 30, p. 39). 1993 Implementing Arrangement (NLB 55, p. 51).
- 1981 Agreement with France on Nuclear Transfers (NLB 35, p. 53).
- 1982 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 36). 1991 Amendment (NLB 48, p. 61).

- 1986 Agreement with Switzerland for Co-operation in the Nuclear Field (NLB 37, p. 40).
- 1988 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 45, p. 81).
- 1989 Agreement with the United States concerning Australian Ores Containing Uranium or Thorium (NLB 46, p. 84).
- 1989 Agreement with Singapore concerning Co-operation on the Physical Protection of Nuclear Materials (NLB 46, p. 83).
- 1990 Compilation of Nuclear Safeguards Agreements (NLB 48, p. 81).
- 1991 Agreement with CERN on Scientific and Technical Co-operation (NLB 53, p. 108).
- 1992 Agreement with Mexico on Peaceful Nuclear Co-operation and the Transfer of Nuclear Materials (NLB 52, p. 76).
- 1993 Agreement with the United Kingdom on Former Nuclear Tests and Experimental Programmes (NLB 54, p. 65).
- 1997 Agreement with Indonesia concerning Co-operation in Nuclear Science and Technology (NLB 61, p. 97).
- 1998 Agreement with the United States concerning R & D for International Safeguards (NLB 63, p. 87).
- 1998 Implementing Arrangement with Euratom concerning Plutonium Transfers (NLB 66, p. 61).
- 1999 Agreement with the United States for Co-operation concerning Technology for the Separation of Isotopes of Uranium by Laser Excitation (SILEX Agreement) (NLB 66, p. 61).
- 1999 Agreement with New Zealand concerning the Transfer of Uranium (NLB 66, p. 60).
- 2001 Agreement with Argentina concerning Co-operation in the Peaceful Uses of Nuclear Energy (NLB 68, p. 77).
- 2001 Agreement with Hungary on Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 68, p. 78).
- 2001 Agreement with the Czech Republic on Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 68, p. 78).
- 2001 Memorandum of Understanding for an Arrangement with Indonesia concerning Co-operation on Nuclear Safeguards and Related Matters (NLB 68, p. 78).
- 2008 Agreement with the United States for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2010 Agreement with the Russian Federation on the supply of Australian uranium to Russia for use in its civil nuclear power industry (NLB 86, p. 94)

- 2010 Memorandum of co-operation with the US Nuclear Regulatory Commission for the import and export of certain radioactive sources (NLB 86, p. 94).

## Austria

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1978 Act Forbidding the Use of Nuclear Fission for the Purposes of Providing Energy in Austria (NLB 23, p. 8; NLB 26, p. 4).
- 1980 Procedure for Reconsideration of the Use of Nuclear Energy (NLB 26, p. 4; NLB 29, p. 6).
- 1994 Adaptation of Nuclear Legislation due to Entry into European Union (NLB 54 p. 44).
- 1994 Austrian Position Paper on Euratom (NLB 54, p. 76).
- 1999 Federal Constitutional Act for a Nuclear-Free Austria (NLB 64, p. 48). The text of the Act is reproduced in **NLB 64, p. 48**.

#### **Liability and compensation**

- 1964 Act on Liability for Nuclear Damage. 1976 Amendment (NLB 18, p. 6). Repealed by 1998 Act on Civil Liability for Damage Caused by Radioactivity (NLB 62, pp. 27 and 60). The text of the Act is reproduced in the **Supplement to NLB 63**.
- 1991 Order establishing a Financial Reserve for Nuclear Liability Insurance (NLB 51, p. 61).

#### **Nuclear installations**

- 1969 Act on the Promotion of Electricity-Producing Enterprises (NLB 6, p. 4).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1969 Act on Radiation Protection (NLB 1, p. 6; NLB 3, p. 4; NLB 4, p. 5). 1972 Ordinance (NLB 8, p. 4; NLB 9, p. 7).
- 1978 Decree relating to the Act on Chest X-ray Examinations (NLB 26, p. 4).
- 1979 Decree on Fluoroscopic Examinations of Patients in Sanatoria (NLB 26, p. 5).
- 2012 Amendment of the General Radiation Protection Ordinance (NLB 89, p. 114).

**Nuclear trade (including non-proliferation)**

- 1990 Order on Export Controls (NLB 51, p. 61).
- 1996 Draft Amendment to the Criminal Code concerning the Illegal Trade of Nuclear Materials (NLB 57, p. 73).

**Organisation and structure**

- 1990 Order establishing a Forum for Nuclear Questions (NLB 51, p. 60).

**Radioactive materials (including physical protection)**

- 1972 Security Control Act implementing the Agreement with the IAEA on the Application of Safeguards (NLB 11, p. 4). 1978 Amendment (NLB 22, p. 4).
- 1975 Order concerning the Designation of Commodities Subject to Export Licences (NLB 17, p. 4).

**Radioactive waste management**

- 1990 and 1991 Orders Defining Hazardous Wastes (NLB 51, p. 61).

**Transport of radioactive materials**

- 1979 Act on the Carriage of Dangerous Goods by Road (NLB 24, p. 4).
- 1997 Ordinance on Shipment of Radioactive Waste (NLB 60, p. 75). The text of the Act is reproduced in the **Supplement to NLB 63**.

**Agreements**

- 1969 Co-operation Agreement with the United States on the Civil Uses of Atomic Energy. 1974 Amendment (NLB 15, p. 30).
- 1970 Agreement with the United States concerning the Leasing of Special Nuclear Material (NLB 6, p. 36).
- 1971 Agreement with the IAEA for the Application of Safeguards (NLB 10, p. 27).
- 1978 Agreement with France relating to the Reprocessing Contract between COGEMA and GKT (NLB 22, p. 36).
- 1982 Agreement with the IAEA concerning the Seibersdorf Laboratories (NLB 29, p. 37).
- 1982 Agreement with Czechoslovakia on Questions of Common Interest in relation to Nuclear Facilities (NLB 36, p. 39). Repealed by the 1990 Agreement in the Field of Nuclear Safety and Radiation Protection (NLB 47, p. 69).
- 1987 Agreement with Hungary on Questions of Mutual Interest relating to Nuclear Installations (NLB 42, p. 49).
- 1988 Agreement with the Federal Republic of Germany on Mutual Assistance in the Event of Catastrophes or Serious Accidents (NLB 51, p. 84).

- 1989 Agreement with Poland on Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 84).
- 1994 Agreement with Germany on the Exchange of Information and Experience in the Field of Radiation Protection (NLB 57, p. 86).
- 1996 Agreement with Slovenia on the Early Exchange of Information in the Event of a Radiological Emergency and on Questions of Common Interest in the Field of Nuclear Safety and Radiation Protection (NLB 58, p. 125).
- 1999 Agreement with Switzerland on the Early Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 61; NLB 68, p. 78).
- 2000 Agreement with Belarus on Exchange of Information in the Field of Nuclear Safety and Protection against Ionising Radiation (NLB 66, p. 62).

## **Bahrain**

### **Agreements**

- 2008 Memorandum of Understanding with the United States on nuclear energy co-operation to ensure the stability and diversity of Bahrain's energy supplies (NLB 82, p. 199).

## **Bangladesh**

### **Agreements**

- 2009 Memorandum of Understanding with the Russian Federation on co-operation in nuclear energy (NLB 83, p. 141).

## **Belarus**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 2009 Environmental Impact Assessment Laws (NLB 84, p. 131).

- 2009 Statute on the Discussion of Questions of the Public in the Field of Atomic Energy (NLB 84, p. 131).

#### **General legislation, regulations and instruments**

- 1991 Law on Legal Treatment of Territories Contaminated as a Result of the Chernobyl NPP Catastrophe. 1999 Amendment (NLB 64, p. 49).
- 1997 Draft Law on Uses of Nuclear Energy and Radiation Safety (NLB 60, p. 75).
- 2003 Decree on Licensing of Certain Activities and Resolution of the Council of Ministers on Licensing of Activities in the Field of Industrial Safety (NLB 73, p. 71).
- 2007 Act on the Development of Atomic Energy in the Republic of Belarus (NLB 81, p. 103).
- 2007 Decree on the Construction of a Nuclear Power Plant (NLB 81, p. 103).
- 2008 Act on the Use of Atomic Energy (NLB 82, p. 119; NLB 85, p. 103).
- 2009 Criminal Law on Acts Concerning the Use of Radioactive Sources and Administrative Law for Non-criminal Violations of Radiation Safety Requirements (NLB 85, p. 103).
- 2021 Presidential Decree No. 137 “On Regulation of Activities in the Field of Use of Atomic Energy and Sources of Ionising Radiation” (NLB 107, p. 61).
- 2022 Law No. 208-Z, “On Safety Regulation in the Use of Atomic Energy” (NLB 108/109, p. 103).
- 2022 Presidential Decree to abolish the Department for the Elimination of the Consequences of the Chernobyl Disaster (NLB 110, p. 67).

#### **Licensing and regulatory infrastructure**

- 2013 Presidential decision on the construction of the Belarusian nuclear power plant (NLB 93, p. 98).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1998 Law on Radiation Protection of the Public (NLB 60, p. 76; NLB 61, p. 66; NLB 84, p. 129). 1998 Implementation Plan (NLB 62, p. 60).
- 1999 Decree on Establishing a Uniform State System of Record-keeping and Control of Personal Exposure Doses (NLB 64, p. 49).
- 1999 Decree Establishing a Uniform State System of Accounting and Control of Radiation Sources (NLB 65, p. 30).
- 2013 Additional national regulations approved since 2011 related to physical protection, quality assurance programmes and general arrangements for technical support organisations (NLB 93, p. 98).
- 2013 Development of sanitary regulations for radiation safety (NLB 93, p. 99).
- 2019 “Law on Radiation Safety”, No. 198-3 (NLB 106, p. 33).

**Nuclear security**

- 2021 Development of the nuclear security state system for nuclear facilities and Decision No. 385 of 14 June 2019 (NLB 106, p. 33).

**Nuclear trade (including non-proliferation)**

- 1998 Law on Export Control (NLB 62, p. 61). 1998 Implementing Decree (NLB 62, p. 62).

**Organisation and structure**

- 2001 Restructuring of Promatomnadzor (NLB 69, p. 65).
- 2007 Statute of the Department of Nuclear Safety and Radiation Protection in the Ministry of Emergency Situations – Gosatomnadzor (NLB 81, p. 104).
- 2008 Statute on the State Supervision in the Field of Nuclear Safety and Radiation Protection (NLB 84, p. 129).
- 2012-2013 Amendments to acts about regulatory infrastructure (NLB 93, p. 97)

**Radioactive waste management**

- 1998 Provisional Sanitary Rules for the Management of Decontamination Waste of Chernobyl Origin (NLB 62, p. 60).
- 2015 Resolution No. 460, “On approval of the Strategy for Radioactive Waste Management of the Belarusian Nuclear Power Plant” (NLB 110, p. 68).
- 2019 Resolution No. 558 approving the Strategy for the Management of Spent Nuclear Fuel (NLB 110, p. 69).
- 2023 Presidential Decree No. 101 “On organizing a radioactive waste management system” (NLB 110, p. 69).
- 2023 Resolution No. 128 approving the Strategy for Radioactive Waste Management (NLB 110, p. 70).

**Agreements**

- 1994 Agreement with Poland on Early Notification and Information Exchange on Nuclear Safety (NLB 56, p. 97).
- 2000 Agreement with Austria on Exchange of Information in the Field of Nuclear Safety and Protection against Ionising Radiation (NLB 66, p. 62).
- 2001 Agreement with Ukraine on Early Notification of a Nuclear Accident and Co-operation in the Field of Radiation Safety (NLB 69, p. 99).
- 2013 Agreements with the Russian Federation regarding co-operation in the field of nuclear safety, early notification of a nuclear accident, radiation safety and nuclear and radiation safety supervision in the peaceful uses of nuclear energy (NLB 93, p. 97).

- 2013 Agreement with the Republic of Armenia on the exchange of information and co-operation in the field of nuclear safety and radiation protection (NLB 93, p. 97).
- 2022 Agreement with the Russian Federation on co-operation in the field of spent nuclear fuel management (NLB 110, p. 68).

## Belgium

### Legislative and regulatory activities

#### *Food irradiation*

- 1980 Order on the Treatment of Food by Ionising Radiation (NLB 28, p. 10). 1983 Amendment (NLB 32, p. 7). Repealed and replaced by 2002 Royal Order on the Treatment of Food and Food Ingredients by Ionising Radiation (NLB 70, p. 35).

#### *General legislation, regulations and instruments*

- 1956 Royal Order concerning National Security in the Field of Nuclear Energy. 1974 Amendment (NLB 14, p. 5).
- 1978 Act on Economic and Budgetary Reforms (NLB 23, p. 9).
- 2002 The Draft Belgian Act on the Phase-Out of Nuclear Energy (NLB 70, p. 28).
- 2003 Act on the Phase-Out of Nuclear Energy for the Purposes of the Industrial Production of Electricity (NLB 71, p. 57). The text of the Act is reproduced in **NLB 71, p. 99**.

#### *Liability and compensation*

- 1966 Ratification of the Paris Convention (NLB 1, p. 8).
- 1970 Bill to Amend the 1966 Act on Third Party Liability (NLB 6, p. 5).
- 1980 Royal Order Fixing the Operator's Maximum Amount of Liability (NLB 26, p. 5).
- 1985 Act on Nuclear Third Party Liability (NLB 16, p. 4; NLB 28, p. 10; NLB 36, p. 10; NLB 37, p. 11). 2000 Amendment (NLB 66, p. 35).
- 1986 Royal Order Determining the Financial Security Certificate for Transport of Nuclear Substances (NLB 38, p. 13).
- 1987 Ministerial Order on the Register of Nuclear Installations (NLB 39, p. 9).
- 2016 Law modifying the 1985 law on third party liability in the field of nuclear energy (NLB 99, p. 76).

**Licensing and regulatory infrastructure**

- 2020 Modification of Belgian regulation regarding the licensing of nuclear installations (NLB 105, p. 94).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1946 General Regulations on Safety at Work. 1990 and 1992 Amendments (NLB 47, p. 41; NLB 50, p. 57). 1997 Royal Order on the Protection of Workers against the Hazards of Ionising Radiation (NLB 60, p. 77), amended in 2002 (NLB 70, p. 35).
- 1958 Act on Protection against the Hazards of Ionising Radiation. 1983 Amendment (NLB 33, p. 6). The text of the Act, as amended, is reproduced in the **NLB 33, p. 39**. 1989 Amendment (NLB 47, p. 40). Repealed by 1994 Act on Protection of the Public and the Environment against Radiation and Relating to the Federal Agency for Nuclear Control (NLB 53, p. 77; NLB 54, p. 45; NLB 59, p. 44). 1996 and 1997 Implementing Orders (NLB 57, p. 73; NLB 61, p. 75).
- 1963 Royal Order laying down the General Regulations for the Protection of the Population and of Workers against the Hazards of Ionising Radiation. Successive amendments (NLB 1, p. 7; NLB 7, p. 5; NLB 23, p. 10; NLB 34, p. 12; NLB 36, p. 9; NLB 39, p. 8; NLB 47, p. 40; NLB 50, p. 57; NLB 53, p. 78; NLB 61, p. 66).
- 1969 Act empowering the King to Establish Dues in respect of the Application of Regulations on Radiation Protection (NLB 6, p. 6).
- 1971 Royal Order concerning General Military Regulations governing Protection against the Hazards of Ionising Radiation (NLB 8, p. 5; NLB 9, p. 8). 1975 Amendment (NLB 17, p. 5).
- 1974 Royal Order setting Dues for the Licensing Procedure for Classified Establishments (NLB 14, p. 6).
- 1984 Ministerial Order on Applications for Licences for Unsealed Radioisotopes used in Human or Veterinary Medicine (NLB 34, p. 12).
- 1985 Ministerial Order on Approval of Devices Containing Radioactive Substances (NLB 36, p. 10).
- 1987 Ministerial Order concerning Radioactive Contamination of Agricultural Products (NLB 40, p. 9).
- 1991 Royal Orders on Emergency Plans for Nuclear Risks (NLB 49, p. 49).
- 2006 Amendment to the Royal Order on Radiation Protection (NLB 78, p. 41).
- 2006 Amendment to the Royal Order Establishing General Regulations for the Protection of the Public Workers and the Environment Against the Dangers of Ionising Radiation (NLB 78, p. 41).
- 2006 Directives on the Use of Walk-through Radioactivity Detectors in the Non-nuclear Sector (NLB 78, p. 42).

- 2006 Directives on the Use of X-rays for Medical Purposes – Dosimetry of Patients (NLB 78, p. 42).
- 2009 Amendments to the law on the protection of the population and the environment against the dangers arising from ionising radiation and concerning the Federal Agency for Nuclear Control (NLB 83, p. 99).
- 2009 Decree regarding the minimum criteria for X-ray apparatus use in veterinary medicine (NLB 84, p. 132).
- 2009 Decree of the Federal Agency for Nuclear Control on the determination of exemption levels (NLB 84, p. 132).
- 2011 Royal Decree prescribing safety measures for nuclear facilities (NLB 89, p. 115).
- 2011 Royal Decree relating to the detection of radioactive substances in certain waste and material flows and relating to the management of sensitive facilities in the field of orphan sources (NLB 89, p. 117).

#### **Nuclear security**

- 2011 Act on Security and Protection of Critical Infrastructures (NLB 89, p. 115).

#### **Nuclear trade (including non-proliferation)**

- 1978 Act on Implementation of IAEA Safeguards on Belgian Territory (NLB 23, p. 10).
- 1981 Act concerning Conditions for Export of Nuclear Equipment and Technology (NLB 23, p. 11; NLB 28, p. 9).
- 1989 Royal Order relating to the Transfer of Nuclear Materials and Technology to Non-Nuclear Weapon States (NLB 44, p. 29).
- 1989 Order Providing for Licences for the Export of Certain Goods (so-called strategic products) (NLB 45, p. 38).
- 1989 Order subjecting the Transit of Certain Goods to a Licence (NLB 45, p. 38).

#### **Nuclear-powered ships**

- 1971 Bill on the Liability of Operators of Nuclear Ships (NLB 7, p. 4).

#### **Organisation and structure**

- 1971 Royal Order regulating Ministerial Powers in respect of Atomic Energy and Suppressing the Office of Commissioner for Atomic Energy (NLB 8, p. 4).
- 1975 Royal Order concerning the Atomic Energy Commission (NLB 18, p. 7).
- 1979 Royal Order setting up and organising an Interministerial Commission for Nuclear Safety and State Security in the Nuclear Field (NLB 24, p. 4).  
1984 Amendment (NLB 34, p. 11).
- 1981 Royal Order determining the Duties and Conditions of Operation of the Public Body Responsible for Radioactive Waste and Fissile Materials

Management (ONDRAF) (NLB 27, p. 4). 1991 Amendment of ONDRAF's mandate (NLB 49, p. 48).

- 1981 Royal Order setting up a Service for the Technical Safety of Nuclear Installations (NLB 28, p. 8).
- 1981 Royal Order concerning the Service for Protection against Ionising Radiation (NLB 28, p. 9).
- 1991 Royal Order setting up an Institute for Emergency Planning (NLB 49, p. 48).
- 1991 Order setting up a Commission to Evaluate Information on Nuclear Risks (NLB 49, p. 49).
- 1994 Act on Protection of the Public and the Environment against Radiation and Relating to the Federal Agency for Nuclear Control (NLB 53, p. 77; NLB 54, p. 45; NLB 59, p. 44). 1997, 1999 and 2000 Amendments (NLB 61, p. 66; NLB 64, p. 50; NLB 69, p. 66). 2001 Implementing Royal Order establishing General Regulations for the Protection of the Population, Workers and the Environment against the Dangers of Ionising Radiation (NLB 69, p. 66). 2003 Act amending the Act of 15 April 1994 and providing for the transfer of certain civil servants from the Service for State Security in the nuclear field (NLB 73, p. 72).
- 1995 Orders on the Competence of the Minister of the Interior regarding the Technical Safety of Nuclear Installations (NLB 56, p. 75).
- 1997 Act on the Staffing of the Federal Agency for Nuclear Control (NLB 61, p. 66).
- 2002 Royal Decree Setting out the Composition and Powers of the Scientific Board for Ionising Radiation Established Alongside the Federal Agency for Nuclear Control (NLB 71, p. 57).
- 2005 Act Amending the 1994 Act on Protection of the Public and the Environment Against Radiation and Relating to the Federal Agency for Nuclear Control (NLB 76, p. 71).
- 2006 Amendment to the Royal Order on the Scientific Board for Ionising Radiation (NLB 78, p. 41).

#### **Radioactive materials (including physical protection)**

- 1986 Act on Implementation of the Convention on the Physical Protection of Nuclear Material (NLB 38, p. 12).
- 2000 Royal Order setting out the fees to be paid to ONDRAF to establish and maintain an inventory of all nuclear installations and all sites where radioactive substances are located (NLB 66, p. 34). 2011 Amendment of the Act on classification and security clearances, certifications and security notifications (NLB 87, p. 93).
- 2011 Decree of the Federal Agency for nuclear control (AFCN) regarding patient dosimetry (NLB 89, p. 117).

- 2011 Decree establishing acceptability criteria for X-ray devices designed for diagnostic radiology medicine aims at determining the criteria for annual quality control (NLB 89, p. 117).
- 2011 Decree of the AFCN identifying radon risk areas creates a new framework for monitoring radon exposure (NLB 89, p. 117).

#### **Radioactive waste management**

- 2003 Act on Funds for the Dismantling of Nuclear Power Plants and the Management of Irradiated Fissile Materials in such Plants (NLB 73, p. 72).

#### **Transport of radioactive materials**

- 1966 Ministerial Order listing the Customs Control Points through which Radioactive Materials may be Imported or Admitted in Transit (NLB 2, p. 6).
- 1977 Regulations on the International Carriage of Dangerous Goods by Road (NLB 20, p. 30).
- 1977 Ministerial Order designating the Customs Offices through which Radioactive Materials may be Imported (NLB 22, p. 5).
- 1982 Orders on the Training Certificate for Drivers of Vehicles Carrying Radioactive Materials (NLB 33, p. 6).
- 2003 Royal Order on the Certificate of Training for Drivers of Vehicles Transporting Radioactive Materials by Road (NLB 71, p. 57).
- 2006 Order on the Appointment of Safety Advisors for the Transport of Dangerous Goods (NLB 78, p. 42).
- 2009 Regulation on the import, transport and export of radioactive substances (NLB 83, p. 99).

#### **Case law**

- 1969 Judgment concerning criminal liability arising from accidental irradiation which took place in the Nuclear Research Establishment at Mol (NLB 3, p. 22).
- 1978 Appeal to cancel the licence to extend the Tihange nuclear power plant (NLB 22, p. 26).
- 1982 Judgments on radioactive waste dumping operations at sea (NLB 30, p. 22).
- 2000 Judgment allowing the return of nuclear waste from France (NLB 65, p. 21).
- 2010 Constitutional Court ruling on nuclear taxes (NLB 85, p. 93).
- 2018 Judgment on the legality of an authorisation for the transport of spent fuel (NLB 102, p. 81).
- 2020 Ruling by the Court of First Instance in Brussels regarding Tihange 2 (NLB 105, p. 87).

### Administrative decisions

- 1968 Recognition of the Eurochemic company as the operator of a nuclear installation (NLB 3, p. 27).
- 1969 Recognition of the European Atomic Energy Community as a nuclear operator (NLB 4, p. 19).

### Agreements

- 1966 Convention with France on Radiological Protection relating to the Installation at the Ardennes Nuclear Power Station (NLB 1, p. 32).
- 1974 Co-operation Agreement with Romania (NLB 20, p. 30).
- 1978 Convention with the Eurochemic Company on Takeover of the Company's Installations and Execution of its Legal Obligations (NLB 22, p. 38). 1983 Second Protocol (NLB 32, p. 28). 1986 Agreement on Eurochemic's Financial Obligations (NLB 38, p. 53).
- 1978 Arrangement with the United States on Exchange of Technical Information and Co-operation in Safety Research (NLB 23, p. 50).
- 1980 Agreement with the Federal Republic of Germany on Mutual Emergency Assistance (NLB 31, p. 28; NLB 33, p. 33).
- 1981 Agreement with Portugal concerning a Radioactive Waste Dumping Site in the North-East Atlantic (NLB 30, p. 37).
- 1981 Agreement with France on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 34, p. 42).
- 1984 Agreement with Egypt for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 42). The text of the Agreement is reproduced in **NLB 37, p. 52**.
- 1984 Agreement with the Netherlands on Mutual Assistance in the Event of Catastrophes and Accidents (NLB 42, p. 49). 1990 Memorandum of Understanding concerning Early Notification of Nuclear Accidents (NLB 49, p. 72).
- 1985 Agreement with the People's Republic of China for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 41).
- 1987 Agreement with the Netherlands on Co-operation in Nuclear Safety (NLB 41, p. 42).
- 1992 Agreement with Switzerland on Peaceful Nuclear Co-operation (NLB 50, p. 78).
- 1998 Co-operation Agreement with France on Chooz Nuclear Power Plant and Exchange of Information in the Event of an Incident or Accident (NLB 65, p. 59).
- 2009 Agreements with Romania covering several nuclear-related areas of research including reactor safety, radioactive waste management and fourth generation reactor technologies (NLB 84, p. 193).

- 2010 Memorandum of Understanding with Kazakhstan on exchange of expertise in civil nuclear research (NLB 86, p. 93).
- 2010 Memorandum of Understanding with China on exchange of expertise in civil nuclear research (NLB 86, p. 93).
- 2010 Framework agreement with China on co-operation in MOX fuel fabrication (NLB 86, p. 94).

## **Bolivia**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1982 Regulations on Ionising and Electromagnetic Radiation and Isotopes (NLB 32, p. 7).

## **Bosnia and Herzegovina**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1999 Law on Radiation Protection and Nuclear Safety (NLB 63, p. 65; NLB 64, p. 50).

## **Brazil**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 1981 National Environmental Policy Act (NLB 29, p. 7). 1989 Amendment (NLB 44, p. 31). 1990 Implementing Decree (NLB 46, p. 52).

#### ***Food irradiation***

- 1973 Decree on Irradiated Foodstuffs (NLB 15, p. 6).

**General legislation, regulations and instruments**

- 1970 Summary of general nuclear legislation (NLB 5, p. 6).
- 1979 Resolution of the CNEN on the Licensing of Nuclear Reactor Operators (NLB 25, p. 6).
- 1992 Draft Law on the National Nuclear Policy (NLB 49, p. 50).
- 1998 Resolution concerning the Protection System for the Brazilian Nuclear Power Programme (SIPRON) (NLB 63, p. 66).
- 2006 Decree Implementing the Co-operation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean (NLB 78, p. 42).
- 2007 Resolution of the National Council on Energy Policy on the Resumption of Construction of a Thermonuclear Plant (NLB 80, p. 71).
- 2008 New national defence strategy (NLB 83, p. 100).
- 2020 New Brazilian nuclear regulatory authority (NLB 105, p. 95).

**Liability and compensation**

- 1977 Act on Civil Liability for Nuclear Damage and Criminal Responsibility for Acts relating to Nuclear Activities (NLB 12, p. 6; NLB 21, p. 5).
- 1982 Circular concerning General Conditions for Insurance of Nuclear Risks (NLB 30, p. 7).
- 1996 Law on a Special Pension for the Victims of the Accident at Goiânia (NLB 59, p. 45).

**Nuclear installations**

- 1969 Resolution of the CNEN on Selection of Sites for Setting Up Power Stations (NLB 11, p. 5).
- 1983 Resolution of the CNEN concerning Safety Analysis Reports for Uranium Hexafluoride Production Plants (NLB 31, p. 6).
- 1985 and 1986 Resolutions on Technical Controls and Personnel in Nuclear Installations (NLB 38, p. 14).
- 1997 and 1999 Resolutions of the CNEN on Protection against Fires in Nuclear Power Plants (NLB 61, p. 68; NLB 65, p. 30).
- 1999 Resolution of the CNEN on Quality Assurance for NPPs (NLB 65, p. 31).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1973 Resolution of the CNEN concerning Basic Radiation Protection Standards (NLB 23, p. 12).
- 1975 Resolution of the CNEN on Radiation Protection Standards for the Uranium and Thorium Production Cycle (NLB 23, p. 13).

- 1975 Resolution of the CNEN on Licensing of the Use of Radioisotopes in Nuclear Medicine (NLB 23, p. 13).
- 1978 Decree concerning Benefits Granted for Work Involving Use of X-rays and Radioactive Substances (NLB 24, p. 6).
- 1980 Resolution of the CNEN concerning the Licensing Procedure for Preparation and Use of Unsealed Radioactive Sources (NLB 28, p. 11).
- 1982 Ordinance concerning Safety at Work in Nuclear Installations (NLB 29, p. 7).
- 1983 Resolution of the CNEN concerning Safety and Radiation Protection Reports for Nuclear Power Plants (NLB 31, p. 6).
- 1985 Resolution of the CNEN on Licensing of Industrial Radiography Equipment (NLB 38, p. 14).
- 1988 Resolutions of the CNEN on Radiation Protection (NLB 43, p. 61; NLB 58, p. 85). Repealed and replaced by the 2004 Resolution of the CNEN on Radiation Protection (NLB 75, p. 113).
- 1988 Decree relating to Radiological Emergency Situations (NLB 43, p. 60).
- 1989 Order on Radiation Protection and Safety Requirements in Nuclear Medicine Services (NLB 43, p. 62).
- 1993 Decree organising the National Civil Defence System (SINDEC) (NLB 52, p. 48).
- 1995 Ministerial Order on Radiation Protection and Nuclear Safety (NLB 57, p. 74).
- 1996 Order relating to Nuclear Safety Policy (NLB 59, p. 45).
- 1997 Order relating to the General Regulation of Radiation Emergencies (NLB 60, p. 78).
- 2003 Order Establishing an Emergency Response Committee for Nuclear Emergencies (NLB 73, p. 77).
- 2005 Resolution of the CNEN Regarding Security and Radiation Protection Measures in Industrial Mining Installations (NLB 75, p. 114).
- 2012 Support Centre for Safety and Radiation Protection (Centro de Apoio à Segurança Física Nuclear e Radiológica – CENASF) (NLB 92, p. 98).

#### **Nuclear security**

- 1977 and 1981 Resolutions of the CNEN on Physical Protection Standards and Measures for Nuclear Installations and Materials (NLB 23, p. 14; NLB 28, p. 11).
- 2012 Order establishing a new nuclear security organisation (NLB 89, p. 118).

#### **Nuclear trade (including non-proliferation)**

- 1991 Order on Procedures for Imports (NLB 48, p. 38).

- 1995 Law on the Export of Sensitive Goods and of Consequential Services (NLB 57, p. 75). 1996 Implementing Decree (NLB 58, p. 85).
- 2005 Decree of the National Defence Policy including the Elimination of Nuclear Weapons (NLB 76, p. 71).

### ***Nuclear-powered ships***

- 1991 Resolution on Visits by Nuclear-powered Ships (NLB 49, p. 50).

### ***Organisation and structure***

- 1971 Act on the Brazilian Company for Nuclear Technology (NLB 9, p. 9).
- 1971 Resolution of the CNEN on Promotion of the Development of Nuclear Technology (NLB 11, p. 5).
- 1972 Decree Reorganising the Competent Bodies in the Field of Theoretical and Applied Nuclear Research (NLB 11, p. 5).
- 1974 Act on the Competence of the Nuclear Energy Commission and NUCLEBRAS (NLB 23, p. 12). 1989 Amendment (NLB 44, p. 31). 1980 Decree concerning the CNEN (NLB 26, p. 6). 1980 Decree Law concerning NUCLEBRAS (NLB 27, p. 6). 1986, 1988 and 1991 further Decrees (NLB 38, p. 14; NLB 43, p. 59; NLB 48, p. 37).
- 1979 Decree providing for the Transfer of Two Institutes to the Nuclear Energy Commission (NLB 26, p. 6).
- 1980 Decree-Law setting up a Protection System for the Brazilian Nuclear Programme (SIPRON) (NLB 27, p. 5). 1992 and 1993 Decrees (NLB 50, p. 58; NLB 53, p. 79). 1997 Revision (NLB 60, p. 78).
- 1981 Resolution of the CNEN concerning Approval of Independent Technical Supervisory Bodies (NLB 28, p. 11). 1995 Resolution (NLB 57, p. 74).
- 1988 Decree setting up a High Council for Nuclear Policy (NLB 43, p. 59).
- 1988 Decrees on the Reorganisation of Nuclear Activities (NLB 43, p. 60).
- 1990 Assignment of Competence in the Nuclear Field (NLB 46, p. 51).
- 1995 Organisation of Public Bodies in the Field of Nuclear Energy (NLB 56, p. 76).
- 1995 Resolution creating Ten Technical Committees in Support of the National Council for the Environment (CONOMA) (NLB 57, p. 74).
- 1997 Decree establishing the National Electrical Energy Agency (NLB 61, p. 67).
- 1999 Reorganisation of the scope of activities of different ministries in the Field of nuclear energy: Provisional Measure and 1999 Decree (NLB 64, p. 53). Repeal of the 1999 Decree by a 1999 Decree on Bodies within the Federal Public Administration (NLB 65, p. 30).
- 2003 Order Establishing an Emergency Response Committee for Nuclear Emergencies (NLB 73, p. 77).

- 2005 Order setting up a Permanent Committee on Nuclear Emergency Response (NLB 75, p. 112).
- 2012 Creation of state-run company Amazonia Azul (AMAZUL), responsible for the Brazilian Navy's nuclear programme including construction of the country's first nuclear-powered submarine (NLB 90, p. 115).
- 2021 Establishment of the state-owned Brazilian company, Nuclear Participation and Binational Energy Holding Company (ENBpar) (NLB 107, p. 63).

#### **Radioactive materials (including physical protection)**

- 1979 Resolution of the CNEN on Nuclear Fuel Reprocessing Plant Projects (NLB 25, p. 6).
- 1981 Resolution of the CNEN on the Licensing of Laboratories Supplying Individual Monitoring Services (NLB 29, p. 7).
- 1982 and 1999 Resolutions of the CNEN concerning the Control of Nuclear Materials, Certain Specified Equipment and Materials (NLB 30, p. 7; NLB 65, p. 31).
- 1988 Provisions of the Constitution relating to nuclear materials (NLB 43, p. 63).
- 1988 Resolution of the CNEN on the Operation of Industrial Radiography Facilities (NLB 43, p. 63).
- 1989 Order on the Licensing of Mines and Plants for Uranium and Thorium Ore Reprocessing (NLB 44, p. 31).
- 1989 Order relating to Meteorological Programmes in Support of Nuclear Power Plants (NLB 44, p. 32).
- 1997 Resolution of the CNEN on Possession of Radioactive Sources by Natural Persons (NLB 61, p. 68).
- 1998 Law on the Levying of a Tax in respect of the Licensing and Control of Radioactive Materials and Nuclear Installations (NLB 63, p. 65).
- 2006 Amendment of the Federal Constitution (NLB 77, p. 50).

#### **Radioactive waste management**

- 1985 Resolution on Radioactive Waste Management (NLB 38, p. 15).
- 1989 Resolution on Selection of Sites for Radioactive Waste Repositories (NLB 45, p. 39).
- 2001 Law on Radioactive Waste Repositories (NLB 46, p. 52; NLB 69, p. 67).
- 2002 Resolution of the CNEN on Radioactive Waste Repositories (NLB 71, p. 58).

#### **Transport of radioactive materials**

- 1977 Resolution of the CNEN approving the IAEA Regulations for the Safe Transport of Radioactive Materials (NLB 23, p. 14).

- 1988 Resolution of the CNEN on the Transport of Radioactive Materials (NLB 43, p. 64).
- 1995 Ministerial Decree concerning Transport by Inland Waters (NLB 57, p. 75).

### Case law

- 1984 Case on Unconstitutionality of an Amendment to the Constitution of the Rio Grande do Sul State (NLB 38, p. 40).
- 2000 Judgment of the Goiás' Federal Court in the Public Civil Action concerning the Goiânia Accident (NLB 66, p. 23).
- 2009 Federal Court ruling on partial licence for works at Angra III (NLB 85, p. 93).

### Agreements

- 1972 Agreement with the Federal Republic of Germany concerning the Entry of Nuclear-powered Ships into Brazilian Territorial Waters and Ports (NLB 10, p. 29; NLB 14, p. 41).
- 1975 Agreement with the Federal Republic of Germany on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 38). The text of the Agreement is reproduced in **NLB 16, p. 43**.
- 1978 Agreement with the Federal Republic of Germany on Exchange of Technical Information and Co-operation in Nuclear Safety (NLB 23, p. 51). 1983 Extension (NLB 33, p. 34).
- 1979 Memorandum of Understanding with Venezuela, on Scientific and Technical Co-operation in the Nuclear Field (NLB 25, p. 41).
- 1980 Co-operation Agreement with Argentina on the Peaceful Uses of Nuclear Energy (NLB 29, p. 35; NLB 31, p. 28). The text of the Agreement is reproduced in **NLB 27, p. 30**. 1986 Co-operation Protocol concerning Prompt Notification and Mutual Assistance in the Event of Nuclear Accidents (NLB 38, p. 51). 1987 Agreement on the same topic (NLB 39, p. 36).
- 1981 Agreement with Colombia on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 53).
- 1981 Co-operation Agreement with Iraq on the Peaceful Uses of Nuclear Energy (NLB 29, p. 36).
- 1984 Memorandum of Understanding with the People's Republic of China on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 43).
- 1984 Science and Technology Co-operation Agreement with the United States. 1994 Extending Protocol (NLB 57, p. 87).
- 1985, 1988, 1990 and 1991 Joint Nuclear Policy Statements with Argentina (NLB 37, p. 40; NLB 42, p. 48; NLB 47, p. 69; NLB 48, p. 60; NLB 49, p. 71; NLB 56, p. 107).

- 1989 Agreement with Italy for Economic, Industrial, Scientific, Technical and Cultural Co-operation (NLB 49, p. 73).
- 1994 Agreement with the Russian Federation on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 56, p. 97).
- 1995 Agreement with the United States concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, and Advanced Containment and Surveillance Technologies for International Safeguards Applications. Extension of the Agreement in 2001 (NLB 68, p. 79).
- 1996 Memorandum of Agreement with India on Co-operation in the Field of Nuclear Energy (NLB 57, p. 86).
- 1996 Agreement with Canada for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 62, p. 80).
- 1997 Agreement with the United States for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 64, p. 67).
- 2001 Joint Declaration regarding the Creation of the Argentinean-Brazilian Agency for Nuclear Energy Applications (NLB 68, p. 77).
- 2003 Agreement with the United States Concerning Co-operation in Nuclear Energy (NLB 73, p.105).
- 2009 Agreement with France on co-operation in the development of nuclear propulsion systems for military submarines (NLB 83, p. 141).

## Bulgaria

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1985 Atomic Energy Act (NLB 37, p. 11). The text of the Act, as amended in 1995, is reproduced in the **Supplement to NLB 58**. Repealed and replaced by the 2002 Act on the Safe Use of Nuclear Energy (NLB 70, p. 36; NLB 71, p. 58). The text of the Act is reproduced in the **Supplement to NLB 71**.
- 1993 Review of nuclear legislation (NLB 52, p. 49).
- 2002 Act on the Safe Use of Nuclear Energy (NLB 70, p. 36; NLB 71, p. 58). The text of the Act is reproduced in the **Supplement to NLB 71**. 2010 Amendments to the Act (NLB 86, p. 75; NLB 88, p. 75).

#### *Liability and compensation*

- 1994 Accession to the Vienna Convention and the Joint Protocol (NLB 54, p. 45).

### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1999 Regulation on Planning and Preparedness for Action in the Case of a Radiation Accident (NLB 64, p. 53).
- 2000 Basic Standards for Radiation Protection (NLB 67, p. 29).

### ***Organisation and structure***

- 1993 Regulation on the National Centre of Biology and Radiation Protection (NLB 55, p. 27).

### **Case law**

- 2003 Ruling of the Supreme Administrative Court on the Decision to shut units 3 and 4 of Kozloduy NPP (NLB 71, p. 41).

### **Agreements**

- 1993 Agreement with Germany on Nuclear Safety and Radiation Protection (NLB 52, p. 77; NLB 54, p. 65).
- 1995 Agreements with the Russian Federation on Co-operation in the Field of Nuclear Energy (NLB 56, p. 98).
- 1996 Agreement with the United States for Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).
- 1996 Agreement with the Russian Federation for Co-operation in the Field of Nuclear Safety (NLB 59, p. 67).
- 1997 Agreement with Romania on Early Notification of a Nuclear Accident (NLB 60, p. 105).
- 1997 Agreement with Türkiye on Early Notification of a Nuclear Accident (NLB 60, p. 105).
- 1998 Agreement with Ukraine for Co-operation in the Field of the State Regulation and Safety Control in the Use of Atomic Energy for Peaceful Purposes (NLB 62, p. 81).
- 1999 Agreement with the Slovak Republic for Co-operation on the State Control of Safety in the Use of Atomic Energy (NLB 65, p. 59).
- 2000 Co-operation Agreement with Argentina in the Field of Peaceful Use of Nuclear Energy (NLB 66, p. 59).
- 2002 Agreement with Russian Federation and Ukraine on Nuclear Transport (NLB 72, p. 69).
- 2003 Agreement with Ukraine on Co-operation in the Field of State Regulation and Control of Safety during the Use of Nuclear Energy (NLB 71, p. 85).

## Cameroon

### Legislative and regulatory activities

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1995 Act on Radiation Protection (NLB 53, p. 79; NLB 56, p. 76).

#### **Organisation and structure**

- 2002 Decree on the National Radiation Protection Agency (NLB 74, p. 40).

## Canada

### Legislative and regulatory activities

#### **Environmental protection**

- 1975 Dumping Control Act (NLB 20, p. 6).
- 2012 Canadian Environmental Assessment Act (NLB 90, p.116).

#### **General legislation, regulations and instruments**

- 1974 Atomic Energy Control Regulations replacing 1960 Regulations (NLB 14, p. 6). The texts of the Regulations and Orders made thereunder are reproduced in the **Supplement to NLB 14**. Successive Amendments (NLB 21, p. 9; NLB 26, p. 7; NLB 29, p. 8; NLB 30, p. 8; NLB 32, p. 9; NLB 33, p. 8; NLB 37, p. 12; NLB 44, p. 33; NLB 49, p. 51).
- 1980 AECB Policy on Public Access to Licensing Information (NLB 25, p. 7).
- 1980 Information Bill (NLB 26, p. 6).
- 1983 AECB Policy and Procedures on Representations and Appearances (NLB 33, p. 7).
- 1985 AECB Rules of Proceedings (NLB 36, p. 10).
- 1985 Atomic Energy Control Act (NLB 44, p. 32). Repealed and replaced by 1997 Nuclear Safety and Control Act (NLB 60, p. 79; NLB 65, p. 32; NLB 66, p. 35). The text of the 1997 Act is reproduced in the **Supplement to NLB 60**. 2003 Amendment (NLB 71, p. 59).
- 1990 AECB Cost Recovery Fees Regulations and consequential amendments to Regulations (NLB 46, p. 53). 1991 and 1992 Amendments (NLB 49, p. 51; NLB 50, p. 58). Repealed and replaced in 1993 (NLB 52, p. 51).
- 2019 Impact Assessment Act – Comprehensive changes to the federal environmental assessment process (NLB 103, p. 51).

**Liability and compensation**

- 1970 Act on Nuclear Third Party Liability (NLB 5, p. 7; NLB 6, p. 6; NLB 18, p. 7). The text of the Act is reproduced in the **Supplement to NLB 6**. 1985 Amendment (NLB 44, p. 34).
- 2013 Intention by the Canadian government to introduce a legislative proposal to replace the Nuclear Liability Act (NLB 92, p. 99).
- 2015 Energy Safety and Security Act (NLB 95, p. 69).
- 2017 Ratification by Canada of the Convention on Supplementary Compensation for Nuclear Damage (NLB 99, p. 78).

**Nuclear installations**

- 1970 Order on Particle Accelerators (NLB 8, p. 5).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1970 Radiation Emitting Devices Act (NLB 11, p. 6). 1984 Amendment (NLB 37, p. 15). 1972 Implementing Regulations (NLB 11, p. 6). 1979 and 1981 Amendments of the Regulations (NLB 26, p. 7; NLB 28, p. 12; NLB 30, p. 8).
- 2021 Regulatory Document REGDOC-2.2.4, “Fitness for Duty, Vol. II: Managing Alcohol and Drug Use”, Version 3 (NLB 106, p. 34).

**Nuclear security**

- 2001 Order aiming to increase security at major nuclear installations (NLB 68, p. 53).
- 2001 Anti-Terrorism Act (NLB 69, p. 68).
- 2013 Nuclear Terrorism Act (NLB 92, p. 98).

**Nuclear trade (including non-proliferation)**

- 1972 Atomic Energy Control Regulations concerning Export Licences (NLB 10, p. 6). 1990 Amendment (NLB 46, p. 53).

**Organisation and structure**

- 1977 Nuclear Control and Administration Act (NLB 21, p. 7). The text of the Act is reproduced in the **Supplement to NLB 21**.
- 1997 Nuclear Safety and Control Act: Establishment of the Canadian Nuclear Safety Commission (NLB 60, p. 79; NLB 65, p. 32; NLB 66, p. 35).

**Radioactive materials (including physical protection)**

- 1977 Uranium Information Security Regulations (NLB 23, p. 14).
- 1978 Amendment of the Regulations on Ionisation Smoke Detectors (NLB 23, p. 15).

- 1983 Physical Security Regulations (NLB 31, p. 7). 1984 Amendment (NLB 33, p. 8).
- 1984 Uranium Mines (Ontario) Occupational Health and Safety Regulations (NLB 34, p. 13).
- 1988 Uranium and Thorium Mining Regulations (NLB 44, p. 33).
- 2006 Regulations Amending the Nuclear Security Regulations (NLB 78, p. 43).

#### **Radioactive waste management**

- 2002 Nuclear Fuel Waste Act (NLB 70, p. 40).

#### **Transport of radioactive materials**

- 1969 Regulations for Transportation by Rail (NLB 5, p. 9).
- 1983 Transport Packaging of Radioactive Materials Regulations (NLB 29, p. 8; NLB 33, p. 8). 1989, 1991 and 1992 Amendments (NLB 44, p. 34; NLB 48, p. 38; NLB 50, p. 58).

#### **Case law**

- 1972 Court decision on the constitutional validity of the Atomic Energy Control Act (NLB 12, p. 14).
- 1984 Judgment of the Federal Court upholding two decisions concerning the licensing by AECB of a nuclear generating station (NLB 37, p. 31).
- 1987 Cases relating to discovery of low level radioactive waste in a housing subdivision (NLB 41, p. 32).
- 1991 Case concerning constitutional power over labour relations in the nuclear industry (NLB 47, p. 28).
- 1994 Legal challenge to the Canadian Nuclear Liability Act (NLB 54, p. 23).
- 2000 Judgment of the Federal Court on Environmental Assessment of Proposed Used Fuel Dry Storage Project (NLB 66, p. 28). Decisions of the Federal Court of 2000 and of the Appeal Court of 2001 rejecting a request to carry out a new environmental assessment of the project to construct a spent nuclear fuel dry storage facility (NLB 68, p. 47).
- 2002 Federal Court ruling quashing uranium mill and tailings licence (NLB 70, p. 23).
- 2004 Federal Court of Appeal Decision Respecting the McClean Lake Project (NLB 76, p. 64).
- 2008 *Brunswick News Inc. v Her Majesty the Queen* in the Right of the Province of New Brunswick denying release of nuclear power feasibility study (NLB 82, p. 111).
- 2009 *Keen v Attorney General of Canada* (NLB 83, p. 87).

- 2009 *R. v Bruce Power Inc.* (NLB 84, p. 115).
- 2009 Federal Court decision respecting intellectual property and trade-mark infringement action: *Atomic Energy of Canada Ltd. v Areva NP Canada Ltd* (NLB 85, p. 94).
- 2010 Criminal Court decision respecting attempted export of nuclear-related dual use items to Iran: *Her Majesty the Queen v Yadegari* (NLB 86, p. 67).
- 2011 Appeal against decision upholding criminal convictions related to attempt to export nuclear-related dual-use items to Iran: *Her Majesty the Queen v Yadegari* (NLB 88, p. 66).
- 2012 Appellate decision upholding nuclear regulatory licensing process and practices for consultation with aboriginal groups: *Fond du Lac Denesuline First Nation v. Canada (Attorney General)* (NLB 89, p. 107).
- 2013 Judicial review of Ontario Power Generation's Darlington new nuclear power plant project licence to prepare site (NLB 88, p. 65; NLB 91, p. 105).
- 2014 Judgment of the Federal Court of Canada sending back to a joint review panel for reconsideration the environmental assessment of a proposed new nuclear power plant in Ontario (NLB 94, p. 113).
- 2015 Decision of the Canadian Federal Court of Appeal overturning a decision to send back for reconsideration an environmental assessment of a proposed new nuclear power plant in Ontario (NLB 96, p. 63).
- 2016 Decision of the Canadian Federal Court of Appeal dismissing an appeal related to an environmental assessment of a project to refurbish and extend the life of an Ontario nuclear power plant (NLB 97, p. 71).
- 2021 *Regan Dow v. Canadian Nuclear Safety Commission* (NLB 107, p. 45).
- 2022 *Citizens Against Radioactive Neighbourhoods (CARN) v. BWXT Nuclear Energy Canada Inc.* (NLB 108/109, p. 91).

### **Administrative decisions**

- 1998 Response of the Canadian Government to the Nuclear Fuel Waste Management and Disposal Concept Environmental Assessment Panel (NLB 63, p. 58).

### **Agreements**

- 1959 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy. 1978 Amending Protocol (NLB 23, p. 51; NLB 25, p. 39).
- 1976 Agreement with Finland on the Exchange of Nuclear Materials, Equipment, Installations and Scientific Information (NLB 18, p. 44).
- 1976 Agreement with Germany on the Exchange of Information on Nuclear Safety and Radiation Protection. 1991 Extension (NLB 48, p. 61).

- 1976 Arrangement with the United Kingdom for Co-operation and Information Exchange in the Nuclear Field. 1991 Extension (NLB 48, p. 62).
- 1981 Agreement with Euratom on Nuclear Materials (NLB 29, p. 38). 1985 Renewal (NLB 36, p. 39).
- 1982 Agreement between Atomic Energy of Canada Ltd. (AECL) and the US Department of Energy (DOE) in the Field of Radioactive Waste Management (NLB 30, p. 39).
- 1985 Agreement with Türkiye for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).
- 1986 Memorandum of Understanding with Euratom on Co-operation in the Field of Fusion (NLB 37, p. 43).
- 1987 Agreement with Switzerland for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 58). The text of the Agreement is reproduced in **NLB 44, p. 69**.
- 1988 Agreement with Hungary on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 50). The text of the Agreement is reproduced in **NLB 42, p. 60**. 1989 Administrative Arrangement (NLB 44, p. 58).
- 1989 Administrative Arrangement with the United States for Co-operation and Exchange of Information in Nuclear Regulatory Matters (NLB 44, p. 59).
- 1990 Administrative Arrangement with France for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 46, p. 84).
- 1994 Agreement with the People's Republic of China on Peaceful Nuclear Co-operation (NLB 55, p. 52).
- 1994 Agreement with Mexico on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 56, p. 99).
- 1995 Agreement with the Czech Republic on Peaceful Nuclear Co-operation (NLB 55, p. 52).
- 1995 Co-operation Agreement with Slovenia in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).
- 1996 Agreement with Brazil for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 62, p. 80).
- 1997 Agreement with Romania for Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. 2000 Implementing Administrative Understanding (NLB 66, p. 62).
- 2009 Agreement with Jordan by virtue of which Canada will help Jordan construct a nuclear power plant to generate electricity and desalinate seawater (NLB 83, p. 141).
- 2009 Agreement with Kazakhstan on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).

- 2009 Memorandum of understanding with Libya for cooperation in the peaceful use of nuclear energy (NLB 84, p. 193).
- 2009 Agreement with Argentina on a co-operation program including the development of the advanced CANDU reactor (ACR-1000) (NLB 84, p. 193).
- 2010 Agreement with India on civilian nuclear co-operation (NLB 85, p. 151).
- 2010 Agreement with India to promote and develop co-operation in civilian nuclear energy (NLB 86, p. 93).
- 2010 Memorandum of co-operation with the US Nuclear Regulatory Commission for the import and export of certain radioactive sources (NLB 86, p. 94).

## **Chile**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1984 Nuclear Safety Act (NLB 31, p. 7; NLB 34, p. 13).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1985 Regulations on Radiation Protection in relation to Radioactive Installations (NLB 41, p. 11).

### **Agreements**

- 1970 Agreement with the Federal Republic of Germany concerning Scientific Research and Technological Development (NLB 8, p. 34).
- 1976 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 32, p. 28).
- 2010 Agreement with Argentina on Energy Co-operation Which Includes Nuclear Power Generation (NLB 86, p. 93).

## **China (People's Republic of)**

### **Legislative and regulatory activities**

#### **General legislation, regulations and instruments**

- 1987 and 1998 Reviews of nuclear legislation (NLB 40, p. 10; NLB 61, p. 68).

#### **Liability and compensation**

- 1993 Law on Product Quality. 2000 Amendment (NLB 66, p. 37).
- 2007 Official Reply of the State Council to Questions on the Liabilities of Compensation for Damages Resulting from Nuclear Accidents (NLB 80, p. 78).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1986 Regulations on Safety Supervision and Control of Civilian Nuclear Installations (NLB 39, p. 9).
- 1989 Radiation Protection Regulations (NLB 51, p. 62).
- 1995 Collection of regulations on nuclear safety (NLB 58, p. 86).
- 2003 Law on Protection from Radiation Contamination (NLB 72, p. 49).
- 2007 Regulations on the Management and Monitoring of Nuclear Safety Equipment for Civilian Use (NLB 80, p. 77).

#### **Nuclear trade (including non-proliferation)**

- 1997 Regulation for the Control of Nuclear Exports (NLB 60, p. 80).
- 1998 Regulations on the Export Control of Nuclear Dual-Use Items and Related Technologies (NLB 65, p. 33).

#### **Organisation and structure**

- 1999 Restructuring of the China National Nuclear Corporation (NLB 65, p. 32).

### **Agreements**

- 1983 Protocol with the United States in the Fields of Nuclear Physics and Magnetic Fusion Research (NLB 33, p. 36).
- 1984 Agreement with the Federal Republic of Germany on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 34, p. 43).
- 1984 Memorandum of Understanding with Brazil on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 43).
- 1985 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 41). The text of the Agreement is reproduced in **NLB 36, p. 48**. 1998 Implementation of the Agreement (NLB 61, p. 98).

- 1985 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 41).
- 1985 Agreement with Belgium for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 41).
- 1985 Agreement with the United Kingdom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).
- 1985 Agreement with Argentina for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 51).
- 1986 Agreement with Switzerland for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 39, p. 37).
- 1992 Arrangement with Germany on Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 85; NLB 52, p. 77).
- 1994 Agreement with Canada on Peaceful Nuclear Co-operation (NLB 55, p. 52).
- 1994 Co-operative Agreement with the Republic of Korea concerning Peaceful Uses of Nuclear Energy (NLB 57, p. 88).
- 1997 Agreement of Intent with the United States concerning Peaceful Uses of Nuclear Technology (NLB 61, p. 98). 1998 Agreement on the same subject (NLB 62, p. 82; NLB 64, p. 68).
- 1997 Co-operation Agreement with France on the Development of Peaceful Uses of Nuclear Energy (NLB 62, p. 81).
- 2000 Co-operation Agreement with the Russian Federation on the Construction of a Fast-breeder Reactor in China (NLB 66, p. 63).
- 2008 Accord with Algeria on the Development of Peaceful Nuclear Power (NLB 82, p. 199).
- 2008 Memorandum of Understanding with Jordan on co-operation in the peaceful use of nuclear energy, particularly covering mining, uranium enrichment, training and research, the construction of a research reactor and consultations on nuclear power plant construction (NLB 82, p. 199).
- 2008 Agreement with the Russian Federation on technical assistance for the construction of phase four of the gaseous uranium enrichment plant in China and supplies of Russian enriched uranium to China (NLB 82, p. 200).
- 2008 Agreement with Jordan for the purchase of a sub-critical assembly (NLB 82, p. 200).
- 2008 Accord with Algeria on training, research and human resources (NLB 82, p. 200).
- 2009 Agreement with Kazakhstan to increase co-operation in uranium mining and long- term nuclear cooperation projects (NLB 83, p. 141).
- 2010 Memorandum of Understanding with Belgium on exchange of expertise in civil nuclear research (NLB 86, p. 93).

- 2010 Framework agreement with Belgium on co-operation in MOX fuel fabrication (NLB 86, p. 94).
- 2010 Agreement with the International Atomic Energy Agency (IAEA) on practical co-operation on nuclear security (NLB 86, p. 94).

## Colombia

### Agreements

- 1981 Agreement with Brazil on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 53).

## Côte d'Ivoire

### Legislative and regulatory activities

#### *Organisation and structure*

- 1988 Order establishing an Interministerial Committee for Regulations on Radioactivity and Radiation Protection (NLB 45, p. 39).

## Croatia

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 2003 Act on Nuclear Safety (NLB 73, p. 79). The text of the Act is reproduced in the **Supplement to NLB 73**.

#### *Liability and compensation*

- 1998 Act on Liability for Nuclear Damage (NLB 63, p. 66). The text of the Act is reproduced in the **Supplement to NLB 63**.

***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1999 Act on Protection against Ionising Radiation (NLB 65, p. 34). The text of the Act is reproduced in the **Supplement to NLB 65**.

**Agreements**

- 1999 Agreement with Hungary on the Early Exchange of Information in the Event of a Radiological Emergency (NLB 65, p. 60).
- 1999 Agreement with Slovenia on Early Exchange of Information in the Event of a Radiological Emergency (NLB 65, p. 61).
- 2001 Agreement with Slovenia on Ownership of Krško Nuclear Power Plant (NLB 69, p. 99).
- 2008 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 82, p. 199).

**(Former) Czech and  
Slovak Federal Republic**

**Legislative and regulatory activities**

***General legislation, regulations and instruments***

- 1990 Review of nuclear legislation (NLB 45, p. 40).

***Liability and compensation***

- 1990 Act to Amend the Economic Code providing for Liability (NLB 47, p. 42).

***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1990 Regulation on Protection against Electromagnetic Radiation (NLB 47, p. 41).
- 1991 Regulation on Protection against Exposure to Radon and other Natural Radionuclides (NLB 47, p. 41).

***Nuclear trade (including non-proliferation)***

- 1990 Act on Control of Products and Technologies (NLB 47, p. 42).

***Organisation and structure***

- 1990 Establishment of the Federal Committee for the Environment (NLB 46, p. 54).

**Radioactive materials (including physical protection)**

- 1990 Regulation on Quality Assurance of Equipment (NLB 47, p. 42).

**Radioactive waste management**

- 1991 Waste Act (NLB 48, p. 39).

**Agreements**

- 1982 Agreement with Austria on Questions of Common Interest in relation to Nuclear Facilities (NLB 36, p. 39). Repealed by the 1990 Agreement on Nuclear Safety and Radiation Protection (NLB 47, p. 69).
- 1990 Agreement with Germany in the Field of Nuclear Safety and Radiation Protection (NLB 46, p. 85).
- 1990 Agreement with Germany on Scientific and Technical Co-operation (NLB 47, p. 70).
- 1990 Agreement with Hungary on Exchange of Information on Nuclear Safety and Radiation Protection (NLB 47, p. 70).
- 1991 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 48, p. 63).

**Czech Republic (Czechia)****Legislative and regulatory activities****General legislation, regulations and instruments**

- 1997 Act on the Peaceful Uses of Nuclear Energy and Ionising Radiation (NLB 59, p. 45). The text of the Act is reproduced in the **Supplement to NLB 61**. 2001 Amendment (NLB 69, p. 69). 1997 Implementing Decrees (NLB 60, p. 81).
- 2011 Resolution of the government of the Czech Republic on the time schedule of preparatory works for enlarging the nuclear power plant Temelin (NLB 87, p. 94).
- 2011 Amendments to the Act on Peaceful Use of Nuclear Energy of 1997 (introduction of administrative fees in the licensing process) (NLB 88, p. 76).
- 2011 Amendments to the Act on Peaceful Use of Nuclear Energy of 1997 (financial support of municipalities affected by the licensing of a deep geological radioactive waste repository) (NLB 88, p. 77).
- 2025 Act No. 83/2025 Coll., amending the Act No. 263/2016 Coll. to address the deployment of small modular reactors (NLB 114, p. 87).

**Nuclear installations**

- 2002 Decree Concerning Financial Reserves for the Decommissioning of Nuclear Installations or Category III or IV Workplaces (NLB 71, p. 64).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 2002 Decree on Performance and Management of the National Radiation Monitoring Network (NLB 71, p. 63).
- 2002 Decree on Radiation Protection (NLB 71, p. 63).
- 2002 Decree on Professional Qualifications and Training of Personnel in Relation to Nuclear Safety and Radiation Protection (NLB 71, p. 63).
- 2002 Decree on Personal Radiation Passports (NLB 71, p. 64).
- 2002 Decree on Emergency Preparedness of Nuclear Facilities and Workplaces with Ionising Radiation Sources (NLB 71, p. 64).

**Nuclear trade (including non-proliferation)**

- 2002 Decree on Accounting and Control of Nuclear Materials (NLB 71, p. 65).
- 2002 Decree Laying down a List of Selected Items and Dual-use Items in the Nuclear Sector (NLB 71, p. 65).

**Organisation and structure**

- 2002 Decree on Performance and Management of the National Radiation Monitoring Network (NLB 71, p. 63).

**Radioactive waste management**

- 2002 Order on Payments to the Nuclear Account by Generators of Radioactive Waste (NLB 71, p. 64).

**Transport of radioactive materials**

- 2002 Decree on Packaging and Transport of Nuclear Materials, Radioactive Substances and Ionising Radiation Sources (NLB 71, p. 65).

**Case Law**

- 2010 Supreme Administrative Court on the legal status of CEZ (NLB 86, p. 70).
- 2025 Resolution of the Regional Court in Brno of 6 May 2025, No. 30 Af 15/2025-76 (NLB 114, p. 83).
- 2025 Decision of the Supreme Administrative Court of 4 June 2025, No. 10 As 95/2025-325 (NLB 114, p. 84).
- 2025 Rejection of the motion submitted by EDF against the decision of Czechia's competition authority by the Regional Court in Brno (NLB 114, p. 84).

## Agreements

- 1994 Agreement with the Russian Federation on Co-operation in the Field of Nuclear Energy (NLB 56, p. 99). 1999 Supplement to the Agreement (NLB 64, p. 69).
- 1995 Agreement with Canada on Peaceful Uses of Nuclear Energy (NLB 55, p. 52).
- 1995 Statement of Intent with the Republic of Korea on Nuclear Co-operation (NLB 55, p. 53).
- 1997 Agreement with Ukraine on Co-operation in the Field of Nuclear Energy (NLB 60, p. 105).
- 1999 Agreement with Germany for the Exchange of Information in the Nuclear Energy Field (NLB 64, p. 69).
- 2000 Arrangement with Slovenia on the Exchange of Information in the Nuclear Field (NLB 67, p. 62).
- 2001 Agreement with Australia on Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 68, p. 78).
- 2001 Agreement with the Republic of Korea for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 68, p. 80).
- 2002 Agreement with the Slovak Republic on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 71, p. 85).
- 2010 Joint declaration with the United States on Industrial and Commercial Co-operation on Civil Nuclear Energy (NLB 86, p. 93).

## Democratic People's Republic of Korea

### Agreements

- 1994 Framework Agreement with the United States (NLB 54, p. 66). The text of the Agreement is reproduced in **NLB 54, p. 74**. 1995 Implementing Arrangements (NLB 56, p. 100).

## Democratic Republic of the Congo

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1975 Draft Regulation to set up a National Commission for Protection against Radiation and Draft Regulation on the Control of the Use of X-rays (NLB 15, p. 23).
- 2002 Act on Protection against the Dangers of Ionising Radiation and on the Physical Protection of Nuclear Materials and Installations (NLB 73, p. 78).

## Denmark

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1985 Resolution on Public Energy Planning (NLB 36, p. 11).

#### *Liability and compensation*

- Bill on Nuclear Installations (NLB 2, p. 6; NLB 3, p. 4; NLB 4, p. 6; NLB 5, p. 9; NLB 6, p. 6). The text of the Bill is reproduced in the **Supplement to NLB 6**.
- 1974 Act concerning Compensation for Nuclear Damage (NLB 14, p. 7). The text of the Act is reproduced in **NLB 15, p. 33**. 1988 Amendment (NLB 43, p. 64). 1994 Increase of the amount of compensation (NLB 54, p. 46).
- 1974 Ratification of the Paris Convention and of the Brussels Supplementary Convention (NLB 14, p. 38).
- 1974 Ratification of the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 14, p. 43).

#### *Nuclear installations*

- 1967 Act on Patents (NLB 3, pp. 4 and 13).
- 1976 Act on Safety and Environmental Protection Measures relating to Nuclear Installations (NLB 18, p. 8).
- 1976 Act on Electricity Supply (NLB 25, p. 9).
- 1980 Circular on the Reservation of Sites for Nuclear Power Plants (NLB 27, p. 7).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1963 Regulation on Protective Measures against Accidents in Nuclear Plants. The text of the Regulation, as amended in 1974, is reproduced in **NLB 19, p. 35**.
- 1972 Summary of the Legislation on Radiation Protection (NLB 9, p. 9).
- 1972 Decrees concerning the Protection of Workers against Radiation (NLB 11, p. 7).
- 1975 Order on the Safe Use of Radioactive Substances (NLB 17, p. 6).
- 1977 Order on X-ray Diagnostic Equipment for Medical Use (NLB 22, p. 5). 1988 Amendment (NLB 45, p. 42).
- 1977, 1978, 1981, 1984 and 1986 Orders on X-ray and Medical Equipment (NLB 25, p. 8; NLB 30, p. 9; NLB 37, p. 16; NLB 39, p. 13).
- 1985 Order on the Use of Unsealed Radioactive Sources in Hospitals, Laboratories, etc. (NLB 39, p. 12).
- 1986 Order on Dose Limits for Ionising Radiation (NLB 39, p. 13). Repealed by a 1997 Order (NLB 61, p. 80).
- 1990 Order on Medical Surveillance of Work with Ionising Radiation (NLB 45, p. 43).
- 1990 Order on Smoke Detectors (NLB 47, p. 43).
- 1990 Order on Dose Monitoring of Workers Exposed to Ionising Radiation (NLB 47, p. 43).
- 1991 Order on the Use of Electron Accelerators for Treatment of Patients (NLB 50, p. 59).
- 1992 Act on Emergency Preparedness (NLB 55, p. 27).
- 1995 Orders of the National Board of Health amending previous Orders on the Medical Application of Ionising Radiation (NLB 57, p. 75).
- 1997 Order on Dose Limits for Ionising Radiation (NLB 61, p. 72).

**Organisation and structure**

- 1976 Act on Energy Policy Measures (NLB 17, p. 5). The text of the Act is reproduced in **NLB 17, p. 31**.

**Radioactive materials (including physical protection)**

- 1967 Act on Patents (NLB 3, pp. 4 and 13).
- 1972 Order concerning the Control of the Peaceful Uses of Nuclear Materials (NLB 10, p. 7).
- 1978 Regulations on Radioactive Medical Products (NLB 25, p. 9).
- 1981 Order on Exemptions from the 1953 Act on Radioactive Substances (NLB 30, p. 9).

**Transport of radioactive materials**

- 1976 Circular on the Transport of Radioactive Materials (NLB 25, p. 9). Repealed by a 1989 Order (NLB 45, p. 43).

**Agreements**

- 1972 Agreement with the IAEA on Preventing Nuclear Materials from being Diverted from their Use for Peaceful Purposes (NLB 10, p. 27).
- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 33). The text of these Guidelines is reproduced in **NLB 19, p. 38**.
- 1977 Agreement with the Federal Republic of Germany on the Construction of Nuclear Installations along the Border (NLB 22, p. 34).
- 1986 Agreement with Sweden on the Exchange of Information and Early Notification (NLB 39, p. 35).
- 1987 Agreement with Finland on Exchange of Information and Early Notification (NLB 39, p. 35).
- 1987 Bilateral Agreements with the Federal Republic of Germany, Poland, the United Kingdom, the USSR on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43). The text of the Agreement with Poland is reproduced in **NLB 41, p. 49**.
- 1987 Agreement with the Federal Republic of Germany on Nuclear Safety and Radiation Protection (NLB 43, p. 91).
- 1993 Agreement with Lithuania on Co-operation in Nuclear Safety (NLB 55, p. 53).

**Egypt****Legislative and regulatory activities****General legislation, regulations and instruments**

- 2010 Law on activities in the nuclear and radiation field (NLB 85, p. 103).

**Radioactive materials (including physical protection)**

- 2000 Decision establishing the List of Hazardous Nuclides Emitting Ionising Radiation (NLB 69, p. 70).

**Radioactive waste management**

- 1998 Regulations on the Safety of Radioactive Waste Produced by Users of Radioactive Materials (NLB 69, p. 70).

**Agreements**

- 1981 Agreement with France on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 35).
- 1981 Agreement with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 31, p. 29).
- 1984 Agreement with Switzerland on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 35, p. 54).
- 1984 Agreement with Belgium for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 42). The text of the Agreement is reproduced in **NLB 37, p. 52**.
- 1988 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 45, p. 81).
- 2008 Agreement with the Russian Federation for co-operation allowing Russia to participate in a tender to build Egypt's first nuclear power plant (NLB 82, p. 200).
- 2009 Agreement with the Russian Federation on co-operation in uranium prospecting and mining in Egypt (NLB 84, p. 193).

**Estonia****Legislative and regulatory activities****General legislation, regulations and instruments**

- 2009 National Development Plan (NLB 84, p. 132).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1997 Radiation Act (NLB 60, p. 82). The text of the Act is reproduced in the **Supplement to NLB 61**. Repealed and replaced by the 2004 Radiation Act and its implementing regulations (NLB 74, p. 42).
- 1999 Decree establishing a National Dose Register of Radiation Workers and the Procedure for Certifying Radiation Workers and for Issuing Certificates (NLB 65, p. 36).
- 2009 Amendment to the Radiation Protection Act (NLB 84, p. 133).

**Nuclear trade (including non-proliferation)**

- 1999 Act on Export, Import and Transit of Strategic Goods (NLB 65, p. 37).

**Organisation and structure**

- 2009 New Radiation Safety Department (NLB 84, p. 133).

**Radioactive waste management**

- 1998 Decree establishing the Procedure for Management, Registration and Transfer of Radioactive Waste (NLB 65, p. 36).

**Transport of radioactive materials**

- 1998 Decree on the Safe Transport of Radioactive Materials (NLB 64, p. 54).

**Agreements**

- 1999 Agreement with Finland on Early Notification of a Nuclear Accident or Radiological Emergency and on Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 62).
- 2003 Agreement with Latvia on Co-operation in Radiation Safety (NLB 72, p. 69).

## **Ethiopia**

**Legislative and regulatory activities**

**Organisation and structure**

- 1993 Radiation Protection Proclamation: Establishment of an Authority for the Control and Supervision of Radiation Sources (NLB 55, p. 28).

## **Finland**

**Legislative and regulatory activities**

**Environmental protection**

- 1978 Decision in Principle on the Organisation of Radioactive Waste Management (NLB 22, p. 7).
- 1979 Act on the Prevention of Marine Pollution (NLB 23, p. 16).

- 1979 Entry into force of the London Convention on the Prevention of Marine Pollution by the Dumping of Wastes and Other Matter (NLB 24, p. 32).

### **General legislation, regulations and instruments**

- 1957 Atomic Energy Act. 1973 and 1977 Amendments (NLB 11, p. 9; NLB 19, p. 4; NLB 22, p. 6). The text of the Act, as amended in 1973, is reproduced in **NLB 11, p. 46**. Repealed by the 1987 Nuclear Energy Act and implementing legislation (NLB 21, p. 10; NLB 26, p. 7; NLB 29, p. 9; NLB 35, p. 6; NLB 41, p. 12; NLB 43, p. 65). The text of the Act is reproduced in the **Supplement to NLB 41**. 1994 and 2004 Amendments (NLB 55, p. 28; NLB 73, p. 81). Extracts from the 1988 Nuclear Energy Decree are reproduced in **NLB 43, p. 104**. 1996 Modification of the Decree (NLB 58, p. 88).
- 1983 Provisional Act concerning taxation of nuclear electricity-generating companies (NLB 31, p. 8).
- 1991 Council of State Rules on the Safe Use of Nuclear Power (NLB 47, p. 43).
- 2021 Renewal of nuclear energy legislation underway (NLB 106, p. 35).

### **Liability and compensation**

- 1972 Nuclear Liability Act (NLB 7, p. 6; NLB 8, p. 6; NLB 9, p. 17; NLB 10, p. 8; NLB 19, p. 5). The text of the 1971 Draft Law is reproduced in the **Supplement to NLB 8**. The text of the Act is reproduced in the **Supplement to NLB 19**. 1989 and 1994 Amendments (NLB 44, p. 35; NLB 45, p. 45; NLB 53, p. 80; NLB 55, p. 29). The text of the Act as amended is reproduced in the **Supplement to NLB 44**. 1978 Council of State Decision concerning the exclusion of certain substances from the Act (NLB 22, p. 8).
- 1972 Accession to the Paris Convention (NLB 10, p. 7).
- 1974 Accession to the Brussels Supplementary Convention (NLB 15, p. 30; NLB 19, p. 33).
- 1978 Ministerial Decision on a Certificate of Financial Security for the Carriage of Nuclear Substances (NLB 22, p. 8).
- 1994 Council of State Decision on Liability Amounts (NLB 55, p. 29).
- 1998 Decree on Liability Amounts (NLB 63, p. 69).
- 2005 Nuclear Liability Bill (NLB 76, p. 72).

### **Nuclear installations**

- 1967 Act on Patents (NLB 3, p. 13).
- 1979 Electricity Act (NLB 23, p. 15).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1965 Radiation Protection Act and 1968 Implementing Decree (NLB 7, p. 8). 1986 Amendment (NLB 37, p. 17).

- 1978 Decree on Inspection of Radiation-Emitting Equipment and Facilities and Radioactive Substances (NLB 24, p. 6).
- 1985 Decree on Control of Laser Equipment (NLB 38, p. 16).
- 1990 Decision on Exposure Limits for Non-Ionising Radiation (NLB 48, p. 40).
- 1991 Radiation Act (NLB 47, p. 44).
- 2005 Amendments to the Radiation Act and Radiation Decree (NLB 79, p. 60).

#### ***Nuclear trade (including non-proliferation)***

- 1988 Nuclear Energy Decree to Take Account of Export Controls. 1993 Amendment (NLB 52, p. 51).

#### ***Organisation and structure***

- 1973 Establishment of the Commission for International Questions relating to Nuclear Energy (NLB 11, p. 25).
- 1973 Decree on Atomic Energy (NLB 14, p. 8).
- 1974 Act on the Institute for Radiation Protection. 1975 Orders (NLB 17, p. 7; NLB 19, p. 4). Repealed by the 1983 Act setting up a Centre for Radiation and Nuclear Safety (NLB 35, p. 14). 1984 Ordinance (NLB 35, p. 14). 1990 Ordinance (NLB 48, p. 39).

#### ***Radioactive materials (including physical protection)***

- 1988 Ordinance on the Authority to Issue Licences (NLB 45, p. 45).

#### ***Radioactive waste management***

- 1983 Decision in Principle on Nuclear Waste Management (NLB 33, p. 9). The text of the Decision is reproduced in **NLB 33, p. 42**.
- 1988 Nuclear Energy Decree (NLB 41, p. 12). Extracts of the Decree relating to waste management are reproduced in **NLB 43, p. 104**.

#### ***Transport of radioactive materials***

- 1979 Entry into Force of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) (NLB 24, p. 7).
- 2011 Temporary Amendment to the Nuclear Liability Act (NLB 87, p. 97).

#### **Case law**

- 2000/2001 Decisions of the Turku Administrative Court and the Supreme Administrative Court concerning the construction of a permanent repository for spent nuclear fuel (NLB 66, p. 31; NLB 67, p. 28).
- 2001 Judgment of the Supreme Administrative Court rejecting an application to prevent construction of a new NPP (NLB 69, p. 57).

## Administrative decisions

- 1973 Setting up of the Commission for International Questions relating to Nuclear Energy (NLB 11, p. 25).
- 1993 Decision in Principle on Construction of a Nuclear Power Plant (NLB 51, p. 57). 1993 Reversal of Decision (NLB 52, p. 46).
- 1995 Decision on the Financial Provision for the Cost of Nuclear Waste Management (NLB 57, p. 90).
- 1998 Council of State Decisions concerning the Licences of IVO and TVO (NLB 62, p. 58).
- 2001 Decision of the Council of State concerning the construction of a permanent repository for spent nuclear fuel (NLB 67, p. 28).
- 2002 Parliamentary decision on construction of a new nuclear power plant (NLB 70, p. 24).

## Agreements

- 1968 Co-operation Agreement with the United Kingdom on the Peaceful Uses of Nuclear Energy (NLB 7, p. 36).
- 1968 Co-operation Agreement with Sweden on the Peaceful Uses of Nuclear Energy (NLB 7, p. 36; NLB 16, p. 41).
- 1970 Co-operation Agreement with the United States on the Peaceful Uses of Atomic Energy (NLB 7, p. 36).
- 1976 Co-operation Agreement with Canada relating to Exchange of Nuclear Materials, Equipment, Installations and Scientific Information (NLB 18, p. 44).
- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 33). The text of the Guidelines is reproduced in **NLB 19, p. 38**.
- 1978 Agreement with Australia concerning the Transfer of Nuclear Material (NLB 22, p. 37; NLB 25, p. 38). The text of the Agreement is reproduced in **NLB 22, p. 45**.
- 1987 Bilateral Agreements with Denmark, Norway, Sweden and the USSR on Exchange of Information and Early Notification (NLB 39, p. 35). The text of the Agreement with the USSR is reproduced in **NLB 39, p. 54**.
- 1992 Agreement with Germany on Early Notification and Information Exchange (NLB 52, p. 78).
- 1999 Agreement with Estonia on Early Notification of a Nuclear Accident or Radiological Emergency and on Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 62).

## France

### Legislative and regulatory activities

#### **Environmental protection**

- 1976 Act on Installations Classified for Purposes of Environmental Protection (NLB 18, p. 13). 1985 Amendment (NLB 36, p. 13). 1977 Implementing Decree, amended in 1986 (NLB 39, p. 14). 1984 and 1987 Circulars (NLB 34, p. 17; NLB 40, p. 12). 1996 and 1997 Decrees modifying the Categories of Installations for the Protection of the Environment (NLB 58, p. 89; NLB 61, p. 72).
- 1976 Act on the Protection of Nature (NLB 17, p. 8; NLB 18, p. 22). 1977 Implementing Decree (NLB 20, p. 8).
- 1977 Decree on Information to be Supplied in relation to Harmful Wastes (NLB 20, p. 8).
- 1978 Implementation of the Paris and Barcelona Conventions on Marine Pollution (NLB 22, p. 9).
- 1980 Regulations relating to Radioactive Waste (NLB 25, p. 10).
- 1982 Decree publishing Amendments to Annexes I and II of the 1972 London Convention (NLB 30, p. 10).
- 1983 Act and Implementing Orders on Public Inquiries and Environmental Protection (NLB 32, p. 9). 1985 Implementing Decrees and Circular (NLB 36, p. 12). 1996 Amendment of the Decree (NLB 58, p. 90).
- 1987 Act on the Organisation of Public Safety Measures, Forestry Protection and the Prevention of Major Risks (NLB 40, p. 13). 1990 Implementing Decrees (NLB 48, p. 41).
- 1990 Decree supplementing the 1980 General Regulations on Extractive Industries (NLB 45, p. 47).
- 1996 Law on Air and the Rational Use of Energy (NLB 59, p. 48). 1998 Implementing Circular (NLB 62, p. 64).
- 1998 Order on the Testing and Consumption of Water, and on Releases of all Types from Installations Classified for Purposes of Environmental Protection which are Subject to Licensing (NLB 62, p. 63).
- 2005 Order on the Organisation of a National Network to Measure Radioactivity in the Environment and on Criteria for the Certification of Laboratories (NLB 76, p. 74).
- 2014 Decree on the greenhouse gas emission quota exchange system (2013-2020) and extension of this system to equipment and facilities in certain basic nuclear installations (NLB 93, p. 102).

#### **Food irradiation**

- 1970 Decree No. 70-392 relating to the prevention of fraudulent practices relating to trade in irradiated foods (NLB 6, p. 8). Repealed and replaced by the

Decree of de 2001 (NLB 69, p. 75). 1972 Implementing Decree (NLB 11, p. 12). 1973 Decree (NLB 13, p. 5).

- 1972 Order on the trade of irradiated potatoes (NLB 11, p. 13).
- 1974 Order on the official methods for the measurement of gamma and beta radioactivity of plants (NLB 14, p. 10).
- 1975 Order on trade in compound irradiated foodstuffs (NLB 17, p. 9).
- 1984 Order on trade in garlic, onions, shallots treated by ionizing radiation (NLB 34, p. 17).
- 1985 Order on treatment by ionizing radiation of gum-arabic, dehydrated vegetables and cereal flakes and seeds (NLB 36, p. 13).
- 1986 Order on the Treatment by Ionising Radiation of Material and Articles in Contact with Foods and Beverages (NLB 38, p. 20).
- 1988 Order on the Treatment by Ionising Radiation of Dried Vegetables and Dried Fruit (NLB 41, p. 13).
- 1988 Orders on the Treatment of Rice Flours and Strawberries by Ionising Radiation (NLB 43, p. 67).
- 1990 Order on Treatment of Poultry by Ionising Radiation (NLB 46, p. 62).
- 1991 Orders on Treatment of Casein and Dried Fruits by Ionising Radiation (NLB 48, p. 43).
- 1993 Order on Treatment of Camembert by Ionising Radiation (NLB 52, p. 53).
- 2001 Decree on Treatment by Ionising Radiation of Foodstuffs (NLB 69, p. 75). 2002 Implementing Order on the Authorisation for and Control and Verification of Installations for the Treatment of Foodstuffs by Ionising Radiation (NLB 70, p. 44).

#### **General legislation, regulations and instruments**

- 1973 Order concerning the Enrichment of the Nuclear Vocabulary (NLB 11, p. 9).
- 2006 Law on Nuclear Transparency and Safety (NLB 77, p. 50).
- 2007 Decree on Technical Enquiries in the Event of Incidents or Accidents Relating to Nuclear Activities (NLB 80, p. 71).
- 2010 Law on the new organisation of the electricity market (NLB 86, p. 75).
- 2011 Changes to the Code of Energy regarding International Organisations (NLB 88, p. 77).
- 2012 Ministerial Order establishing general rules for basic nuclear installations (NLB 89, p. 119).
- 2012 New report by the Court of Auditors (Cour des Comptes) on the costs of nuclear energy (NLB 89, p. 119).

- 2014 Update to report by the Court of Auditors (Cour des Comptes) on the cost of nuclear energy production (NLB 94, p. 122).
- 2015 Law on the energy transition for green growth (NLB 96, p. 80).
- 2015 Resolution establishing a classification for basic nuclear installations according to the risks and disadvantages they present (NLB 97, p. 81).
- 2022 Order setting general rules regarding defence nuclear activities and facilities (NLB 108/109, p. 108).
- 2022 Order certifying Decision 2021-DC-0703 of the Nuclear Safety Authority listing nuclear activities using sources of ionising radiations for industrial, veterinary or research (except research involving humans) purposes subject to formal registration and the requirements applicable to said activities (NLB 108/109, p. 108).
- 2022 Decree No. 2022-174 regarding the implementation of recovery measures of low-activity substances (NLB 108/109, p. 109).
- 2022 Decree No. 2022-175 regarding radioactive substances eligible to recovery operations mentioned at Section R. 1333-6-1 of the Public Health Code (NLB 108/109, p. 109).
- 2022 Order defining the content of the case file mentioned at Section R. 1333-6-1 of the Public Health Code (NLB 108/109, p. 109).
- 2024 Law No.2024-450 on the organisation of the governance of nuclear safety and radiation protection to meet the challenge of the relaunching the nuclear industry (NLB 113, p. 71).

#### **International co-operation**

- 2015 Decree publishing the Co-operation Agreement between the Government of the French Republic and the Government of the United Mexican States for the Development of Peaceful Uses of Nuclear Energy (NLB 97, p. 83).
- 2016 Decree making public the Protocol to the Co-operation Agreement between the Government of the French Republic and the Government of the Hashemite Kingdom of Jordan for the Development of the Pacific Uses of Nuclear Energy (NLB 99, p. 81).

#### **Liability and compensation**

- 1965 Act on the Third Party Liability of Operators of Nuclear Ships. (NLB 2, p. 13). 1968 and 1988 Amendments (NLB 2, p. 13; NLB 3, p. 5; NLB 43, p. 67). The text of the Act, as amended in 1968, is reproduced in **NLB 3, p. 45**. 1969 and 1982 Implementing Decrees (NLB 5, p. 10; NLB 29, p. 19).
- 1968 Act on Nuclear Third Party Liability (NLB 1, p. 12; NLB 2, p. 14). The text of the Act is reproduced in **NLB 2, p. 52**. 1990 Amendment (NLB 46, p. 55; NLB 47, p. 45). The text of the Act is reproduced in **Supplement to NLB 46**.
- 1969 Order publishing the Paris Convention (NLB 3, p. 5).

- 1973 Decree concerning the Insurance and Reinsurance of Exceptional and Nuclear Risks by the Central Reinsurance Fund (NLB 11, p. 12).
- 1973 Ratification of the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 11, p. 38).
- 1979 Decree concerning Two Decisions on Exclusion by the NEA Steering Committee (NLB 24, p. 9).
- 1991 Decree on Criteria for Low-risk Installations – Financial Security (NLB 48, p. 42). 1991 Opinion of Interministerial Commission on Major Nuclear Installations on the subject (NLB 48, p. 42).
- 2006 Act Authorising Approval of International Agreements on Third Party Liability in the Field of Nuclear Energy (NLB 77, p. 54).
- 2010 Law on the recognition and indemnification of victims of nuclear tests conducted by France (NLB 85, p. 104).
- 2012 Increase in the amount of operator liability in case of nuclear incident (NLB 89, p. 118).
- 2014 Act authorising the approval of the Joint Protocol relating to the Application of the Vienna Convention and Paris Convention (NLB 93, p. 102).
- 2014 Approval of the Joint Protocol on the application of the Vienna and Paris Conventions (NLB 94, p. 123).
- 2014 Decree on the recognition and indemnification of the victims of nuclear tests conducted by France (NLB 95, p. 70).
- 2014 Act No. 2014-1655 of 29 December 2014 amending the finance law for 2014 (NLB 95, p. 71).
- 2016 Decree implementing Article L. 597-28 of the French Environmental Code and relating to third party liability in the field of nuclear energy (NLB 98, p. 68).
- 2016 Ministerial Order listing the sites benefitting from a reduced amount of liability (NLB 98, p. 68).
- 2016 Order amending the Appendix to the 2016 Order setting the list of reduced liability amount sites (NLB 99, p. 80).
- 2017 Ministerial Order amending the Annex of the amended 2016 Ministerial Order listing the sites benefitting from a reduced amount of liability (NLB 101, p. 77).
- 2018 Decree publishing the decision on the exclusion of small quantities of nuclear substances outside a nuclear installation from application of the Paris Convention, adopted in 2016 by the NEA Steering Committee (NLB 102, p. 89).
- 2019 Order modifying the list of sites with a reduced liability amount (NLB 104, p. 15).
- 2022 Finance Law No. 2021-1900 (NLB 108/109, p. 106).

- 2022 Constitutional Council, 28 December 2021, No. 2021-833 DC (NLB 108/109, p. 106).
- 2022 Decree No. 2022-37 publishing the Protocol Amending the Paris Convention and Brussels Supplementary Convention (NLB 108/109, p. 107).
- 2022 Order granting the Central Reinsurance Fund a State guarantee for third-party liability in the field of nuclear energy (NLB 108/109, p. 107).
- 2022 Decree No. 2022-1186 implementing Section L. 597-4 of the Environmental Code pertaining to third-party liability in the field of nuclear energy and codifying the provisions pertaining to low-risk installations sites (NLB 108/109, p. 107).
- 2022 Order setting the list of low-risk sites and entitling their operators to a reduced liability amount pursuant to Section R. 597-3 of the Environment Code (NLB 108/109, p. 107).

### **Nuclear installations**

- 1963 Decree on Major Nuclear Installations. 1973, 1990 and 1993 Amendments (NLB 9, p. 18; NLB 10, p. 9; NLB 12, p. 7; NLB 45, p. 46; NLB 52, p. 52). The text of the Decree as amended in 1973 is reproduced in the **Supplement to NLB 12**. 1999 Implementing Order (NLB 65, p. 38).
- 1966 and 1967 Orders defining Nuclear Installations (NLB 1, p. 8). The texts of the Orders are reproduced in **NLB 1, p. 35**. Repeal in 1996 of two Orders concerning the Limits Beyond Which Installations were Considered as Basic Nuclear Installations (NLB 58, p. 90).
- 1967 Decree revising the Nomenclature of Dangerous, Unhealthy or Noxious Establishments (NLB 1, p. 8). The text of the Decree is reproduced in **NLB 1, p. 39**.
- 1968 Order relating to Requests for Patents (NLB 3, p. 6).
- 1970 Decree repealing the System of Licensing for Nuclear and Thermal Power Stations (NLB 6, p. 7).
- 1970 Order concerning the Construction of Nuclear Reactor Pressure Vessels (NLB 7, p. 8).
- 1974 Decrees on Gaseous and Liquid Radioactive Effluent from Major Nuclear Installations (NLB 10, p. 9; NLB 15, p. 7). 1976 Technical Orders (NLB 18, p. 11). Repeal and replacement of Decrees in 1995 (NLB 56, p. 77). 1998 Circular concerning the Procedure for Applications for Licences (NLB 62, p. 63).
- 1974 Order concerning Application of the Regulations on Pressurised Components for Light Water Reactor Steam Supply Systems. 1974 Amendment. 1977 Circular (NLB 13, p. 5; NLB 15, p. 7; NLB 20, p. 8).
- 1975 Decree on Dues for Major Nuclear Installations (NLB 18, p. 11). 1999 Amendment (NLB 65, p. 37).
- 1976 Act on Installations Classified for the Purposes of Environmental Protection (see under “Environmental protection” infra).

- 1976 Public inquiry procedure prior to official recognition of nuclear power plants as being in the public interest (NLB 18, p. 13).
- 1983 Act on Public Inquiries and Environmental Protection (NLB 32, p. 9). 1985 Implementing Decrees and Circular (NLB 36, p. 12). 1996 Amendment of the Decree (NLB 58, p. 90).
- 1984 Order and Circular on Design Quality, Construction and Operation of Major Nuclear Installations (NLB 34, p. 16; NLB 35, p. 15). The texts of the Order and Circular are reproduced in **NLB 35, p. 60**.
- 1997 Circular on the Administrative Procedure for Sites Polluted by Radioactive Materials (NLB 60, p. 84).
- 1999 Decree on Major Nuclear Installations Classified as Secret (NLB 65, p. 37). Repealed and replaced by 2001 Decree governing the Safety and Radiation Protection of Nuclear Installations and Activities used for Defence Purposes (NLB 68, p. 56).
- 1999 Amendment to the Tax Regime Applicable to Major Nuclear Installations (NLB 65, p. 37).
- 2000 Decree on the Final Shut-down and Dismantling of the Installation for the Fabrication of Nuclear Fuel Operated by the Franco-Belgian Fuel Fabrication Society at Pierrelatte (NLB 66, p. 39).
- 2000 Decree on the Standard Tax Charged on Polluting Activities Due from Operators of Installations Classified for Environmental Protection Purposes (NLB 67, p. 30).
- 2007 Decree on Securing Financing for Nuclear Charges (NLB 79, p. 61).
- 2007 Decree Licensing the Construction of the Basic Nuclear Installation “Flamanville 3” Comprising an EPR Reactor (NLB 79, p. 61).
- 2007 Decree on the Listing of Basic Nuclear Installations (NLB 80, p. 72).
- 2007 Decree on Basic Nuclear Installations and Verifying the Nuclear Safety of Radioactive Materials Transport (NLB 80, p. 72).
- 2012 Decree authorising the ITER Organisation to create the “ITER” basic nuclear installation in Saint-Paul-lez-Durance (NLB 91, p. 115).
- 2014 Order and Nuclear Safety Authority decision on material modifications to basic nuclear installations (NLB 94, p. 120).
- 2014 Order and Nuclear Safety Authority decision on the regulations applicable to basic nuclear installations for the control of risks associated with fire (NLB 94, p. 121).
- 2016 Decree related to the modification, final shutdown and decommissioning of basic nuclear installations, and to subcontracting (NLB 98, p. 69).
- 2017 Decree revoking the licence to operate Fessenheim Nuclear Power Plant (NLB 100, p. 93).

- 2019 Decree codifying provisions concerning basic nuclear installations, the transport of radioactive substances and transparency in the field of nuclear energy (NLB 103, p. 54).
- 2019 Decree establishing an Interministerial Delegate for the future of the Fessenheim territory and the territories of coal-fired power plants (NLB 103, p. 55).
- 2019 Decree appointing an Interministerial Delegate for the future of the Fessenheim territory and the territories of coal-fired power plants – Mr David Coste (NLB 103, p. 55).
- 2019 Decree modifying Decree authorising the Atomic Energy Commission (CEA) to set up a nuclear installation called Jules Horowitz Reactor at Cadarache, a CEA site located in Saint-Paul-lez-Durance (Bouches du Rhône) (NLB 104, p. 16).
- 2020 Decree repealing the operating licence for Fessenheim Nuclear Power Plant (NLB 104, p. 16).
- 2020 Decree authorising the creation of the basic nuclear installation referred to as Flamanville 3, comprising an EPR type nuclear reactor, on the Flamanville site (Manche département) (NLB 105, p. 97).
- 2023 Law No. 2023-491 on accelerating procedures relating to the construction of new nuclear installations near existing nuclear sites and on the operation of existing facilities (NLB 112, p. 139).
- 2023 Decree No. 2023-1366 implementing, in the continental metropolitan territory, Article L. 211-2-1 of the Energy Code and Article 12 of Law No. 2023-491 (NLB 112, p. 139).
- 2023 Decree No. 2023-1104 relating to the periodic safety review of nuclear power reactors and the shutdown of basic nuclear installations (NLB 112, p. 140).
- 2024 Decree No. 2024-296 defining the concept of immediate vicinity in the context of accelerating measures for procedures related to nuclear new build near existing nuclear sites and making various procedural adaptations (NLB 113, p. 72).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1966 Decree on the Application of the Revised Euratom Basic Standards for Radiation Protection (NLB 1, p. 9). 1988 Amendment (NLB 41, p. 13; NLB 42, p. 9). Repealed and replaced by the 2002 Decree on the General Protection of Persons against Ionising Radiation (NLB 70, p. 42).
- 1967 Decree relating to the Protection of Workers against Ionising Radiation Hazards (NLB 1, p. 9; NLB 9, p. 17). Repealed and replaced by a 1986 Decree. 1968 Implementing Orders (NLB 2, p. 14), confirmed in 1987 (NLB 40, p. 11) and repealed in 1999 (NLB 64, p. 54).
- 1967 Order setting up a Committee for Protection against Ionising Radiation (NLB 1, p. 11).

- 1967 Order concerning Professional Qualifications of Physicians who may Use Artificial Radio-elements for Medical Purposes (NLB 1, p. 11). 1968 Amendment (NLB 2, p. 15).
- 1969 Decree on the Procedure for the Inventory of the Degree of Pollution of Surface Waters (NLB 4, p. 7).
- 1969 Interministerial Order laying down the Procedure for Approval of Equipment and Installations Using Ionising Radiation for Medical Purposes (NLB 4, p. 7). Repealed and replaced in 1977 (NLB 22, p. 9).
- 1970 Order relating to the Authorisations for Apparatus Generating Ionising Radiation to be used for Medical Purposes (NLB 6, p. 7).
- 1970 Notice regarding Radioactive Waste Disposal (NLB 6, p. 8).
- 1970 Interministerial Order containing a List of Occupations which Require Special Medical Supervision (NLB 6, p. 8). Repealed and replaced in 1977 (NLB 20, p. 7).
- 1972 Decree concerning the Creation of a Defence Corps for Civilian Protection (NLB 10, p. 9).
- 1972 Decree publishing International Convention No. 115 concerning the Protection of Workers against Ionising Radiation (NLB 10, p. 28).
- 1974 Order concerning the Control of the Use of Telegammatherapy Sources (NLB 14, p. 8).
- 1975 Decree concerning the Protection of Workers in Major Nuclear Installations against the Hazards of Ionising Radiation (NLB 9, p. 17; NLB 16, p. 10). 1988, 1997 and 1998 Amendments (NLB 41, p. 13; NLB 42, p. 9; NLB 59, p. 46; NLB 63, p. 70). 1977 and 1999 Implementing Orders (NLB 20, p. 7; NLB 24, p. 8; NLB 64, p. 54).
- 1980 Order on Radiation Protection in Units and Establishments under the Ministry of Defence (NLB 26, p. 13). 1987 Amendment (NLB 40, p. 11). Repealed and replaced by the 2005 Order on the Army Radiation Protection Service (NLB 75, p. 115).
- 1984 Decree revising and supplementing the Tables of Occupational Diseases (NLB 34, p. 15).
- 1985 Decree to amend the Labour Code and defining the Health and Safety Conditions for Gamma-ray Industrial Radiography Equipment (NLB 38, p. 16).
- 1986 Decree on Artificial Radioelements, amending the Public Health Code (NLB 38, p. 16).
- 1986 Decree on Protection of Workers against the Hazards of Ionising Radiation (NLB 38, p. 17). 1998 Amendment (NLB 63, p. 70). 1990 Order defining the Control Methods laid down by the 1986 Decree (NLB 46, p. 55). 1999 Order establishing Rules governing the External Dosimetry of Workers Exposed to Radiation and on the Accreditation of Persons Qualified in Radiation Protection (NLB 64, p. 54).
- 1988 Decree on Emergency Plans. 2000 and 2001 Amendments (NLB 66, p. 39; NLB 68, p. 56).

- 1989 Memorandum on Measures to be Taken by the Authorities in Case of an Accident during the Maritime Transport of Radioactive Materials (NLB 44, p. 37).
- 1989 Order exempting Certain Products from the Licensing Regime for Artificial Radioelements (NLB 44, p. 35).
- 1990 Order fixing the Rules for Preparing and Forwarding Radiation Exposure Statistical Data on Personnel Mining Radioactive Substances (NLB 45, p. 46).
- 1992 Order on Competence of Persons Using Unsealed Radioactive Sources for Medical Purposes (NLB 51, p. 64).
- 1994 Order on Training in Radiation Protection (NLB 53, p. 82).
- 1997 Order concerning In-house Doctors in Charge of the Medical Supervision of "Outside" Workers (NLB 60, p. 84).
- 1998 Order setting out Work for which Employees on Fixed-Term Contracts or Personnel from Interim Employment Agencies may not be appointed (NLB 62, p. 62).
- 1998 Order on the Creation of Cards Equipped with Microprocessors for the Personnel of "Outside" Undertakings Carrying out Work in Major Nuclear Installations (NLB 62, p. 63).
- 1998 Circular concerning Official Maximum Limits for Radioactive Contamination by Radon (NLB 63, p. 70).
- 2000 Circular on the Prevention of Major Accidents involving Dangerous Substances or Preparations Present in Certain Categories of Installations Classified for Environmental Protection Subject to Licensing (NLB 66, p. 39).
- 2001 Ordinance on the implementation of EU Directives in the Field of Protection against Ionising Radiation: amendment to the Public Health Code and to the Labour Code (NLB 68, p. 55).
- 2001 Decree on Information of the Public (NLB 68, p. 56). 2002 Implementing Order (NLB 70, p. 43).
- 2001 Order on the Setting up of an Emergency Alert Procedure around a Major Nuclear Installation which has an Off-Site Emergency Response Plan (NLB 69, p. 74).
- 2002 Decree on the General Protection of Persons Against Ionising Radiation (NLB 70, p. 42).
- 2002 Circular on the Organisation of Medical Care in the Event of a Nuclear or Radiological Accident (NLB 71, p. 68).
- 2002 Order Establishing the National Reference Guide on Radiological Risks (NLB 71, p. 68).
- 2003 Decree on the Protection of Workers Against the Dangers Arising from Ionising Radiation (NLB 71, p. 66).
- 2003 Decree on the Protection of Persons Exposed to Ionising Radiation for Medical and Forensic Purposes (NLB 71, p. 66).

- 2003 Decree on Intervention in the Event of Emergency Radiological Situations and in the Case of Long-Term Exposure (NLB 71, p. 67).
- 2003 Order on the Organisation of a National Network to Measure Radioactivity in the Environment (NLB 73, p. 82). 2004 Amendment (NLB 74, p. 45).
- 2003 Order setting out Exemption Levels in Respect of Licensing of Nuclear Activities set out in Article R. 1333-26 of the Public Health Code (NLB 73, p. 84).
- 2003 Order on Methods for Training of Persons Specialised in Radiation Protection and Certification of the Service Provider (NLB 73, p. 84).
- 2003 Order on Criteria for Certification of Authorities in charge of Individual Monitoring of Ionising Radiation Workers (NLB 73, p. 84).
- 2004 Act on Public Health Policy (NLB 74, p. 44).
- 2004 Order Establishing Special Conditions for the Use of Industrial Radiography Devices Using Gamma Radiation (NLB 74, p. 45).
- 2004 Order on the General Regime Governing Licences and Declarations as Defined in Chapter V-I “Ionising radiation” of the Public Health Code (NLB 74, p. 45).
- 2004 Order on Training, Missions and Activities of Persons Specialised in Medical Radiation Physics (NLB 75, p. 114).
- 2004 Decree on the Use by the IRSN of the National Identification Index of Natural Persons (NLB 75, p. 114).
- 2004 Order on Individual Medical Record Cards and Individual Dosimetric Information of Workers Exposed to Ionising Radiation (NLB 75, p. 115).
- 2005 Interministerial Order on the Action of the Public Authorities in the Event of an Incident Resulting in a Radiological Emergency Situation (NLB 75, p. 115).
- 2005 Order on Professional Activities using Raw Materials Containing Natural Radionuclides Not Used for their Radioactive Properties (NLB 76, p. 72).
- 2005 Decree on Radiological Emergency Situations, Replacing Certain Provisions of the Public Health Code (NLB 76, p. 73).
- 2005 Interministerial Order on the Application of the Convention on Early Notification of a Nuclear Accident and on the EU Council Decision on Community Arrangements for the Early Exchange of Information in the Event of a Radiological Emergency (NLB 76, p. 73).
- 2005 Decree on Radiological Emergency Situations (NLB 77, p. 50).
- 2005 Order on Public Information in the Event of a Radiological Emergency (NLB 77, p. 51).
- 2005 Interministerial Order on Measuring Radioactivity in the Environment in the Event of an Incident Resulting in a Radiological Emergency Situation (NLB 77, p. 51).

- 2005 Order on Methods for Training of Persons Specialised in Radiation Protection and Certification of the Service Provider (NLB 77, p. 52).
- 2006 Interministerial Order on the Application of the Convention on Assistance in the Case of Nuclear Accident or Radiological Emergency (NLB 77, p. 53).
- 2006 Decree Establishing Criteria Governing the Nomination, Clearance and Swearing in of Radiation Protection Inspectors (NLB 78, p. 46).
- 2006 Order on Dosimetric Information to Be Contained in Written Reports of Medical Acts Involving Ionising Radiation (NLB 78, p. 47).
- 2012 Action Plan of the French Nuclear Safety Authority (NLB 91, p. 116).
- 2013 Decree on companies working within sites undertaking nuclear activities and temporary employment agencies affected by these activities (NLB 93, p. 100).
- 2013 Decree on procedures for training competent radiological protection officers and certifying training organisations (NLB 93, p. 100).
- 2013 National Emergency Response Plan (NLB 93, p. 101).
- 2015 Tomorrow's nuclear safety: a financial and democratic issue – Information report No. 634 (2013-2014), by Mr Michel Berson of the French Senate's Finance Committee (NLB 95, p. 71).
- 2018 Decrees transposing the Euratom Basic Safety Standards (NLB 101, p. 77).
- 2021 Order of 28 June 2021 concerning skill hubs in radioprotection (NLB 108/109, p. 106).
- 2021 Decree No. 2021-1091 of 18 August 2021 concerning the protection of labourers against ionising and non-ionising radiation hazards (NLB 108/109, p. 106).
- 2023 Decree No. 2023-489 of 21 June 2023 on the protection of workers against risks caused by ionising radiation (NLB 112, p. 141).
- 2023 Order of 23 June 2023 on modalities to sign up and access the Information and Surveillance of Ionising Radiations Exposure System "SISERI" and amending Order of 26 June 2019 on individual surveillance of workers' exposure to ionising radiations (NLB 112, p. 141).
- 2023 Order of 16 November 2023 defining the calculation modalities for efficient doses and equivalent doses resulting from the exposure of persons to ionising radiations (NLB 112, p. 141).
- 2024 Decree No. 2024-1238 relating to the protection of workers against risks stemming from ionising radiation (NLB 114, p. 90).

### **Nuclear security**

- 2024 Order related to the protection of sources of ionising radiation against malicious acts for activities under the remit of the Ministry of Defence (NLB 113, p. 73).

### **Nuclear trade (including non-proliferation)**

- 1988 Notice to Exporters concerning Products subject to Stricter Export Controls (Nuclear Materials, Equipment and Large Units) (NLB 42, p. 19).
- 1990 Notice to Importers and Exporters on Products and Technologies subject to Final Destination Control (NLB 47, p. 45).
- 2001 Decree on Export, Import and Transfer Controls over Dual Use Goods and Technologies and Implementing Orders (NLB 69, p. 75).
- 2016 Act implementing the Additional Protocol to the Agreement between France, EURATOM and the IAEA regarding the application of safeguards in France (NLB 97, p. 82).

### **Nuclear-powered ships**

- 1969 Decree on the Safety of Life at Sea (NLB 3, p. 6).

### **Organisation and structure**

- 1968 Decree introducing Changes in Membership of the Atomic Energy Commission (NLB 2, p. 15).
- 1969 Decree laying down the Powers of the Minister for Industrial and Scientific Development (NLB 4, p. 6).
- 1970 Decree redefining the Duties and the Organisation of the Atomic Energy Commission (NLB 6, p. 7). The text of the Decree is reproduced in **NLB 6, p. 54**. 1981, 1982, 1984 and 2000 Amendments (NLB 28, p. 12; NLB 30, p. 9; NLB 33, p. 10; NLB 66, p. 38). The text of the Decree, as amended in 1981, is reproduced in **NLB 28, p. 48**. 1972 Implementing Decree (NLB 10, p. 9; NLB 11, p. 10).
- 1971 Decree laying down the Duties of the Minister Delegate responsible for the Protection of Nature and the Environment (NLB 8, p. 6).
- 1971 Decree setting up the National Institute for Nuclear and Particle Physics (NLB 8, p. 6). Repealed by 1984 Decree amending the Institute's statute (NLB 34, p. 15).
- 1973 Decree setting up the High Council for Nuclear Safety and the Central Service for Safety of Nuclear Installations. 1977, 1981 and 1987 Amendments (NLB 11, p. 11; NLB 20, p. 7; NLB 28, p. 13; NLB 39, p. 13).
- 1973 Decree appointing a Delegate General for Energy (NLB 13, p. 4).
- 1975 Decree setting up an Interministerial Committee for Nuclear Safety (NLB 16, p. 7).
- 1975 Order setting up an Institute for Fundamental Research in the Atomic Energy Commission (NLB 16, p. 9).
- 1976 Order setting up an Institute for Protection and Nuclear Safety (NLB 18, p. 11). 1981, 1990 and 1993 Amendments (NLB 28, p. 13; NLB 46, p. 54; NLB 52, p. 52).

- 1976 Decree setting up a Council for Foreign Nuclear Policy (NLB 20, p. 6). 1981 Amendment (NLB 28, p. 13).
- 1977 Decree setting up a Council for Information on Nuclear Electricity Generation (NLB 22, p. 8).
- 1979 Decree modifying the Composition of the Interministerial Committee on Artificial Radioisotopes (NLB 23, p. 16).
- 1979 Decree on the National Institute for Nuclear Science and Technology (NLB 23, p. 17).
- 1979 Order on the Creation of a National Radioactive Waste Management Agency (ANDRA) (NLB 24, p. 7). Note on ANDRA (NLB 29, p. 13). 1984 Amendment (NLB 33, p. 11). The text of the 1992 Decree on the Administrative Organisation of ANDRA is reproduced in **NLB 51, p. 96**.
- 1980 Decree relating to Study and Research in Thermonuclear Fusion by Inertial Confinement (NLB 25, p. 9).
- 1981 Decree authorising the Atomic Energy Commission and COGEMA to Undertake Further Activities connected with Ores and Fissile Substances (NLB 27, p. 7).
- 1981 Decree on the Organisation of the Ministry of Research and Technology (NLB 29, p. 13).
- 1982 Decree creating a Central Office for Repression of Illicit Trading in Explosives, Nuclear Materials, etc. (NLB 31, p. 9).
- 1983 Decree on the Holding Company of the Atomic Energy Commission. 2001 Amendment (NLB 68, p. 54).
- 1984 Order setting up a Commission alongside the Atomic Energy Commission in relation to Radioactive Waste Management (NLB 33, p. 11).
- 1985 Order setting up a Nuclear Engineering Terminology Commission (NLB 35, p. 15).
- 1989 Decree setting up a Council on Technological Risk Prevention (NLB 43, p. 66).
- 1991 Competence of the Ministry of Industry in the Nuclear Field (NLB 48, p. 40). 1993 Decree on the Organisation of the Central Administration of the Ministry (NLB 53, p. 81). 2001 and 2002 Amendments (NLB 69, pp. 71 and 73).
- 1993 Decree transferring Certain Responsibilities for the Atomic Energy Commission to ANDRA (NLB 53, p. 81).
- 1994 Decree setting up the Board for Protection against Ionising Radiation (NLB 54, p. 46).
- 1994 Decree specifying the Tasks of the Atomic Energy Committee and Board of Directors of the Atomic Energy Commission (NLB 54, p. 47).
- 1996 Decree determining the Responsibilities of Nuclear Armed Forces (NLB 58, p. 89).

- 1997 Decree on the Powers of the Minister for Economic Affairs, Finance and Industry (NLB 60, p. 83).
- 1998 Order concerning the Nomination and Professional Qualifications of Safety Officers for Transport of Dangerous Goods by Road, Rail or Inland Waterway (NLB 63, p. 70).
- 2000 Decree delegating power of signature to the High Commissioner for Atomic Energy (NLB 66, p. 38).
- 2001 Act establishing the French Agency for Environmental Health Safety and the Institute for Radiation Protection and Nuclear Safety (NLB 68, p. 54).
- 2001 Decree on the Special Commission for Major Nuclear Installations Classified as Secret (NLB 68, p. 54).
- 2001 Order on the Organisation of the Ministry of Defence in Relation to the Operation of Military Nuclear Systems and Major Nuclear Installations Classified as Secret in the Field of Nuclear Security (NLB 69, p. 73). Repealed and replaced in 2003 (NLB 73, p. 81).
- 2002 Decree establishing the General Directorate for Nuclear Safety and Radiation Protection (NLB 69, p. 71).
- 2002 Decree establishing the Institute for Radiation Protection and Nuclear Safety (NLB 69, p. 72).
- 2002 Order establishing an Advisory Council on the Use of Nuclear in Defence Operations (NLB 70, p. 41).
- 2002 Decree on the Inspectorate for Nuclear Weapons (NLB 70, p. 41).
- 2002 Decree on the Organisation and Operation of the French Agency for Environmental Health Safety (NLB 70, p. 42).
- 2003 Order on the Organisation of a National Network to Measure Radioactivity in the Environment (NLB 73, p. 82). 2004 Amendment (NLB 74, p. 45).
- 2003 Order on Methods for Training of Persons Specialised in Radiation Protection and Certification of the Service Provider (NLB 73, p. 84).
- 2003 Order on Criteria for Certification of Authorities in charge of Individual Monitoring of Ionising Radiation Workers (NLB 73, p. 84).
- 2003 Decree on the Creation of the Interministerial Committee on Nuclear and Radiological Crisis (NLB 72, p. 49).
- 2004 Order establishing a Commission on Ionising Radiation Sources (NLB 73, p. 82).
- 2004 Order Defining the Certification Conditions for Bodies carrying out Radiation Protection Monitoring (NLB 74, p. 83).
- 2007 Order on the Organisation of the General Directorate of Enterprises (GDE) within the Ministry of Industry (NLB 80, p. 72).
- 2008 Decree establishing a Political Nuclear Council (NLB 81, p. 105).

- 2008 Decree authorising the establishment of the “Agence France Nucléaire International” within the Atomic Energy Commission (NLB 81, p. 105).
- 2011 Nuclear Safety Authority (ASN) Resolution subjecting the restarting of the melting or incineration furnaces of basic nuclear installation 160 (Centraco) to prior authorisation by ASN following the accident that occurred on 12 September 2011 (NLB 88, p. 78).
- 2022 Decree No. 2022-1411 establishing an interministerial programme delegation for nuclear new build (NLB 110, p. 74).
- 2024 Decree No. 2024-1241 regarding the performance of remunerated activities by the Nuclear Safety and Radioprotection Authority services and the certification procedure for regulatory decisions of a technical nature taken by said Authority (NLB 114, p. 89).
- 2025 Decision No. 2025-DG-005 adopting the Rules of procedure of the Nuclear Safety and Radioprotection Authority (NLB 114, p. 90).

**Radioactive materials (including physical protection)**

- 1972 Order dealing with the Licensing of Sealed Radioactive Sources for Gamma-ray Teletherapy (NLB 10, p. 10).
- 1977 Order concerning Support for Uranium Prospection (NLB 19, p. 5).
- 1979 Order on Packaging Dangerous Substances (NLB 24, p. 9). 1980 Amendment (NLB 27, p. 8).
- 1980 Decree on Mining Rights (NLB 25, p. 10).
- 1980 Act on Protection and Control of Nuclear Materials (NLB 23, p. 17; NLB 26, p. 14). 1981 Implementing Decree (NLB 28, p. 14). 1989 Amendment (NLB 44, p. 36).
- 1982 Order on the Technical Conditions for the Follow-up of and Accounting for Nuclear Materials (NLB 30, p. 10). Repealed and replaced by 1994 Order (NLB 54, p. 47).
- 1984 Order on Nuclear Materials Subject to Declaration (NLB 33, p. 11).
- 1996 Order on the Characteristics of Radioactive Materials in Special Form (NLB 58, p. 90).
- 1996 Decree specifying Conditions for the Allocation of Nuclear Materials to Defence Purposes (NLB 59, p. 47).
- 2003 Order Regarding the Protection of National Secrecy in the Field of Nuclear Material Control and Protection (NLB 72, p. 50). Repealed and replaced in 2004 (NLB 73, p. 85).
- 2004 Order Setting out Technical Conditions for the Accounting of Nuclear Materials (NLB 74, p. 46).
- 2012 Law No. 2012-1473 authorising the approval of the Amendment to the Convention on the Physical Protection of Nuclear Material (NLB 91, p. 116).

- 2021 Decree No. 2021-713 of 3 June 2021 to adapt Part I, Book III, Title III, Chapter III of the Defence Code (NLB 108/109, p. 105).
- 2022 Order relating to physical monitoring, accounting and accounting declaration modalities for nuclear material, pursuant to Articles R. 1333-3-2 and R. 1333-11 of the Defence Code for activities that are not subject to authorisation under Article 1333-4 of said Code (NLB 110, p. 73).
- 2022 Order relating to activities subject to authorisation pursuant to Article 1333-4 of the Defence Code concerning the use of Category IV nuclear material inside installations or being imported or exported, outside of a vital importance area of the energy sector (peaceful use of nuclear energy subsector) (NLB 110, p. 73).
- 2023 Order of 28 February 2023 relating to activities subject to authorisation pursuant to Article R. 1333-4 of the Defence Code concerning the use of Category III nuclear material inside installations or being imported or exported, outside of an area of vital importance with regards to the national directive on the security of the energy sector (peaceful use of nuclear energy subsector) (NLB 110, p. 73).
- 2023 Order of 28 February 2023 relating to the security of nuclear material in transport pursuant to Articles R. 1333-4 and R. 1333-17 to R. 1333.19 of the Defence Code (NLB 110, p. 73).
- 2023 Order of 13 April 2023 on activities subject to authorisation under Article R. 1333-4 of the Defence Code relating to nuclear substances belonging to categories I and II located in installations, that are to be exported or imported, or that are located in a vital importance site under the National Energy Sector Security Directive (civil nuclear subsector) (NLB 112, p. 140).

### **Radioactive waste management**

- 1979 Order on the Creation of a National Radioactive Waste Management Agency (ANDRA) (NLB 24, p. 7); Note on ANDRA (NLB 29, p. 13); 1984 Amendment (NLB 33, p. 11). The text of the 1992 Decree on the Administrative Organisation of ANDRA is reproduced in **NLB 51, p. 96**.
- 1982 Decree publishing Amendments to Annexes I and II of the 1972 London Convention (NLB 30, p. 10).
- 1991 Act on Radioactive Waste Management (NLB 49, p. 52; NLB 50, p. 60). The text of the Act is reproduced in **NLB 49, p. 86**. 1992, 1993 and 1999 Implementing Decrees (NLB 51, p. 63; NLB 52, p. 53; NLB 64, p. 55).
- 1994 Decree on the Import, Export, Transit of Radioactive Waste between Community Member States (NLB 55, p. 29).
- 1995 Decree on Releases of Liquid and Gaseous Effluent, and on Water Samples, from Major Nuclear Installations. 1999 Implementing Order (NLB 65, p. 39).
- 1999 Decree authorising the Operation of an Underground Laboratory (NLB 64, p. 56).

- 1999 Order authorising Électricité de France to Continue Using Water Supplies and Releasing Liquid and Gaseous Waste for the Operation of the Nuclear Installation at Saint-Laurent-des-Eaux (NLB 64, p. 56).
- 2006 Planning Act Concerning the Sustainable Management of Radioactive Materials and Waste (NLB 77, p. 53).
- 2008 Safety guideline on final disposal of radioactive waste in a deep geological repository (NLB 82, p. 120).
- 2008 Decree concerning the procedures applicable to foreign spent nuclear fuel and radioactive waste reprocessing (NLB 82, p. 121).
- 2010 Decree establishing a Committee on industrial co-ordination of radioactive waste (NLB 85, p. 104).
- 2012 Decree No. 2012-542 on the basis of Article L.542-1-2 of the French Environmental Code and laying down the prescriptions of the National Plan for the Management of Radioactive Materials and Waste (*Plan national de gestion des matières et déchets radioactifs* -PNGDMR) (NLB 90, p. 117).
- 2013 new edition of the National Plan for the Management of Radioactive Material and Waste (PNGMDR) (NLB 92, p. 100).
- 2013 Specifications of the National Radioactive Materials and Waste Management Plan (PNGMDR) (NLB 93, p. 101).
- 2013 Amended Finance Act establishing special contribution to the National Radioactive Waste Management Agency (ANDRA) (NLB 93, p. 101).
- 2014 Decision of the board of directors of the National Radioactive Waste Management Agency to continue with the Cigéo project (NLB 94, p. 120).
- 2015 Opinion regarding the evaluation of the reference cost of the Cigéo project for the deep geological storage of radioactive waste (NLB 97, p. 82).
- 2016 Ministerial Order regarding the objective cost of the implementation of long-term management solutions for long-lived medium and high-level radioactive waste (NLB 97, p. 82)
- 2016 Act specifying the procedures for creating a reversible deep geological repository for long-lived medium and high-level radioactive waste (NLB 98, p. 68).
- 2017 Decree No. 2017-231 setting out the provisions of the National Radioactive Material and Waste Management Plan (NLB 99, p. 79).
- 2017 Order implementing Decree No. 2017-231 (NLB 99, p. 79).
- 2021 Decree No. 2021-897 of 6 July 2021 on the modification and codification of Decree 2008-209 of 3 March 2008 on procedures applicable to the reprocessing of foreign spent fuel and radioactive waste and several provisions regarding deconcentrated decisions (NLB 108/109, p. 104).
- 2022 Decree No. 2022\_992 of 7 July 2022 registering the Deep Geological Repository for Long-lived High- and Intermediate-level Radioactive Waste

(Cigéo) on the list of National Interest Operations mentioned in Section R. 102-3 of the Urban Code (NLB 108/109, p. 105).

- 2022 Decree No. 2022\_993 of 7 July 2022 declaring the Deep Geological Repository for Long-lived High- and Intermediate-level Radioactive Waste (Cigéo) a public interest operation and amending the Territorial Consistency Plan of Pays Barrois (Meuse), the Local Intercommunity Development Plan for Haute-Saulx (Meuse) and the Local Development Plan of Gondrecourt-le-Château (Meuse) for compliance purposes (NLB 108/109, p. 105).
- 2022 Decree No. 2022-1547 pursuant to Article L. 542-1-2 of the Environmental Code setting out the requirements for the National Radioactive Material and Waste Management Plan (NLB 110, p. 71).
- 2022 Order pursuant to Article L. 542-1-2 of the Environmental Code setting out the requirements for the National Radioactive Material and Waste Management Plan (NLB 110, p. 71).
- 2022 Opinion No. 2022-AV-0403 of the Nuclear Safety Authority regarding the draft Decree and Order setting out the requirements for the National Radioactive Material and Waste Management Plan (NLB 110, p. 72).
- 2023 Decision No. 2023-1066 QPC of the Constitutional Council on the constitutionality of Law No. 2016-1015 specifying the creation modalities of a reversible DGR for high- and intermediate-level long-lived radioactive waste amending Article L. 542-10-1 of the Environmental Code (NLB 112, p. 140).

### **Transport of radioactive materials**

- 1966 and 1967 Orders on the Transport of Dangerous Goods (NLB 1, p. 12). Successive Amendments (NLB 8, p. 7; NLB 10, p. 10; NLB 11, p. 12; NLB 14, p. 8; NLB 22, p. 9; NLB 26, p. 15; NLB 39, p. 14; NLB 51, p. 64).
- 1967 Decree publishing the International Regulations for the Transport of Dangerous Goods by Rail (RID) (NLB 1, p. 12).
- 1968 Decree publishing Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) (NLB 3, p. 33). 1971, 1972, 1974 and 1980 Amendments to Annexes A and B of ADR (NLB 9, p. 34; NLB 10, p. 28; NLB 13, p. 5; NLB 20, p. 30; NLB 26, p. 34).
- 1973 Ratification of the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 11, p. 38).
- 1979 and 1985 Orders on Transport and Handling of Dangerous Goods (NLB 23, p. 18; NLB 35, p. 15).
- 1980 Order laying down Safety Rules for Transport of Dangerous Goods by Sea (NLB 26, p. 14).
- 1982 Order on Protection and Control of Nuclear Materials in course of Carriage (NLB 29, p. 18). 1986 and 1993 Amendments (NLB 38, p. 19; NLB 53, p. 82).
- 1986 Order on Protection and Control of Irradiated Fuel and Nuclear Materials Carried by Rail (NLB 38, p. 19).

- 1987 Order on Protection and Control of Nuclear Materials Carried by Air (NLB 40, p. 11).
- 1988 Order on Protection and Control of Nuclear Materials Carried by Sea (NLB 43, p. 56).
- 1989 Memorandum on Measures to be Taken by the Authorities in Case of an Accident during the Maritime Transport of Radioactive Materials (NLB 44, p. 37).
- 1996 Orders on the Transport of Dangerous Goods by Road (ADR) and Rail (RID). 1997, 1998, 2000 and 2001 Amendments (NLB 61, p. 73; NLB 63, p. 70; NLB 67, p. 31; NLB 68, p. 58).
- 1997 Circular implementing European Directive 95/50/EC on Uniform Procedures for the Transport of Dangerous Goods by Road (NLB 61, p. 73).
- 1998 Order concerning the Nomination and Professional Qualifications of Safety Officers for Transport of Dangerous Goods by Road, Rail or Inland Waterway (NLB 63, p. 70).
- 1999 Order establishing the Technical Conditions for Certain Controls Carried out by “Well-known Senders” or by Air Carriers in order to Ensure the Safety of Air Freight. 1999 Amendment (NLB 65, p. 40).
- 2001 Order on Postal Deliveries of Radioactive Materials (NLB 68, p. 57).
- 2008 Decree on the transboundary transfer of radioactive waste and spent nuclear fuel (NLB 83, p. 100).

### **Case law**

- 1966-1969 *Majoni* Case regarding workers’ compensation for occupational diseases caused by ionising radiation (NLB 1, p. 24; NLB 3, p. 24).
- 1969-1970 *Saltel* Case regarding workers’ compensation for occupational diseases caused by ionising radiation (NLB 3, p. 24; NLB 6, p. 30).
- 1975 Dismissal of an appeal to annul the licence for Fessenheim nuclear power station (NLB 15, p. 24).
- 1975 Injunction concerning preparatory work for the Creys-Malville nuclear power plant (NLB 16, p. 29). 1991 Decision on licensing the plant (NLB 48, p. 19).
- 1978 Council of State Judgment on the legality of a 1975 Decree authorising the CEA to set up a subsidiary company (NLB 24, p. 21).
- 1986 Decisions of the Administrative Tribunal of Strasbourg refusing a stay of execution against authorisations for disposal of radioactive effluent from the Cattenom power plant (NLB 38, p. 41).
- 1993 Judgment on the Forbach radiation accident (NLB 52, p. 35).
- 1995-1996 Judgments concerning the La Manche Storage Centre (NLB 57, p. 64).
- 1997 Council of State’s Judgment on Superphenix (NLB 59, p. 33).

- 1998 Council of State Judgment on the transfer of the capacity of nuclear operator from La Manche Radioactive Waste Storage Facility to ANDRA (NLB 62, p. 51).
- 1998 Council of State Decision concerning the procedure governing the underground storage of radioactive waste (NLB 62, p. 51).
- 1999 Case law in the medical field concerning ionising radiation (NLB 63, p. 39).
- 1999 Council of State Judgment on the risk analysis within the licensing application (NLB 65, p. 21).
- 1999 Judgment of the *Cour de Cassation* on the operation of a classified installation without a licence (NLB 65, p. 22).
- 2000 Judgment of the Council of State confirming the definitive shut-down of Superphénix (NLB 66, p. 28).
- 2001 Judgment of the Council of State refusing an application to annul a Decree authorising an extension to the Melox nuclear installation (NLB 68, p. 47).
- 2001 Decisions on the authorisation to unload and store Australian spent nuclear fuel in France (NLB 68, p. 48).
- 2001 Judgment of the Council of State refusing to classify depleted uranium as waste (NLB 68, p. 48).
- 2001 Judgment of the Council of State specifying the law applicable to storage facilities for depleted uranium (NLB 69, p. 57).
- 2003 Judgment of the County Court of Cherbourg concerning the import of spent fuel to La Hague (NLB 71, p. 41).
- 2004 Judgment of the Appeal Court of Limoges Regarding the Dumping of Radioactive Waste by Cogema (NLB 74, p. 33). 2005 same judgment (NLB 76, p. 67).
- 2004 Judgment of the Council of State on an application for annulment of the Decree of 10 January 2003 authorising Cogema to modify a major nuclear installation (NLB 75, p. 95).
- 2005 Judgment of the Court of Appeal on Caen on the Licence to Reprocess Australian Spent Nuclear Fuel (NLB 76, p. 66).
- 2005 Judgment of Magistrates' Court of Limoges Concerning Dumping of Radioactive Waste by Cogema (NLB 76, p.67).
- 2006 Judgment of the French Supreme Court (*Cour de Cassation*) on the Reprocessing Licence for Australian Spent Nuclear Fuel (NLB 77, p. 41).
- 2006 Judgment of the Court of Appeal of Limoges Concerning the Dumping of Radioactive Waste by Areva NC (NLB 78, p. 37).
- 2007 Judgment of the European Court of Human Rights on the Right to a Fair Trial, in the Litigation *Collectif Stop MELOX and MOX v. France* (NLB 80, p. 65).

- 2007 Decision of the Council of State Quashing a Decree Concerning a Nuclear Installation in Brennilis, for the Want of Public Information and Consultation (NLB 80, p. 65).
- 2009 Judgment of the Council of State rejecting the claims made by environmental NGOs against the Decree licensing the construction of the EPR at Flamanville (NLB 83, p. 91).
- 2011 Decision of the Administrative Court in Strasbourg on the permanent shutdown of the Fessenheim nuclear power plant (NLB 87, p. 87).
- 2011 Chernobyl accident – decision of dismissal of the Court of Appeal in Paris (NLB 88, p. 71).
- 2011 Court of Appeals of Nîmes, Judgment No.11-00899 (regarding the SOCATRI incident in July 2008) (NLB 89, p. 109).
- 2011 Conseil d’État, request No. 324294 (regarding the association Réseau “Sortir du nucléaire”) (NLB 89, p. 110).
- 2012 Administrative Court of Appeal of Lyon, Judgments Nos. 12LY00233 and 12LY00290 regarding EDF’s permit to construct a waste conditioning and storage facility (ICEDA) in the town of Saint-Vulbas (NLB 90, p. 101).
- 2012 Conseil d’État decision regarding Atelier de technologie de plutonium (ATPu) located at the Cadarache site (NLB 90, p. 101).
- 2012 Court of Appeal Toulouse, Judgment No. 1200867, Golfech – Prosecution for accidental spillage of radioactive effluents (NLB 91, p. 106).
- 2012 Court of Cassation, Criminal Chamber, Decision No. 11-87531 (NLB 91, p. 106).
- 2013 Conseil d’État decision refusing to suspend operation of the Fessenheim nuclear power plant (Request Nos. 351986, 358080, 358094, 358095) (NLB 92, p. 89).
- 2014 Conseil d’État decision rejecting a request to annul a decree authorising the construction of a conditioning and storage facility for activated waste in Saint-Vulbas (Request No. 358882) (NLB 94, p. 115).
- 2014 Conseil d’État decision overturning appeal ruling regarding the construction of a conditioning and storage facility for activated waste in Saint-Vulbas (Request No. 362001) (NLB 94, p. 115).
- 2014 Conseil d’État decision Fédération Réseau sortir du nucléaire and others v. Electricité de France (EDF) (Request No. 367013) (NLB 96, p. 67).
- 2016 Conseil d’État decision EDF v. Republic and Canton of Geneva relative to the Bugey nuclear power plant (No. 373516) (NLB 98, p. 63)
- 2018 Conseil d’État decisions repealing the decree that revoked the operating licence held by Électricité de France (EDF) for the Fessenheim Nuclear Power Plant (Nos. 410109, 410622, 410624) (NLB 101, p. 71).

- 2018 Cherbourg High Court (Tribunal de grande instance) decision regarding contracts signed for the reprocessing of spent fuel (No. 18-00061) (NLB 102, p. 81).
- 2023 Conseil d'État decision clarifying the scope of the right of access to environmental information (NLB 110, p. 59).

### **Administrative decisions**

- 1996 Decree on the Decommissioning of the EL4 Reactor (NLB 59, p. 40).

### **Agreements**

- 1962 Agreement with Luxembourg on Mutual Assistance between their Respective Fire Brigades and Rescue Services. 1988 Addendum (NLB 43, p. 92).
- 1965 Convention with the Swiss Federal Council concerning the Extension onto French Territory of the Estate of CERN. 1973 Amendment (NLB 13, p. 32).
- 1966 Agreement with Belgium on Radiological Protection relating to the Installation at the Ardennes Nuclear Power Station (NLB 1, p. 32).
- 1967 Agreement with the Federal Republic of Germany on the Construction and Operation of a Very High Flux Reactor (NLB 1, p. 32). 1971, 1976 and 1981 Additional Protocols (NLB 9, p. 34; NLB 20, p. 31; NLB 29, p. 36). 1974 Accession of the United Kingdom (NLB 19, p. 34).
- 1970 Co-operation Agreement with Switzerland on the Use of Atomic Energy for Peaceful Purposes (NLB 9, p. 35). Repealed and replaced in 1988 (NLB 47, p. 71).
- 1972 Agreement with CERN concerning the latter's legal status (NLB 11, p. 36).
- 1972 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy. 1990 Amendment (NLB 46, p. 86).
- 1974 Decree authorising the Creation of the European Fast Neutron Nuclear Power Station Co. Ltd. (NERSA) (NLB 14, p. 39).
- 1975 Co-operation Agreement with Iraq on the Utilisation of Nuclear Energy for Peaceful Purposes (NLB 18, p. 44).
- 1975 Agreement with the Federal Republic of Germany and Switzerland relating to a Tripartite Commission for Neighbourhood Problems in Border Areas (NLB 19, p. 34).
- 1976 Agreement with the USSR relating to the Prevention of Accidental or Unauthorised Use of Nuclear Weapons (NLB 18, p. 19).
- 1977 Agreement with the Federal Republic of Germany on Mutual Assistance in the Event of Catastrophes and Grave Disasters (NLB 25, p. 39; NLB 27, p. 26). 1981 Supplementary Agreement (NLB 28, p. 42).
- 1978 Agreement with Austria relating to the Reprocessing Contract between the COGEMA and the GKT (NLB 22, p. 36).

- 1978 Agreement with the Federal Republic of Germany on Co-operation in Safety Research on Light Water Reactors (NLB 23, p. 52). Extended in 1983 and 1988 (NLB 35, p. 54; NLB 43, p. 92).
- 1978 Agreement with the Federal Republic of Germany and Japan on Technical Cooperation on Fast Breeder Reactors (NLB 23, p. 52).
- 1978 Agreement with Euratom and IAEA for the Application of Safeguards to Certain Nuclear Materials in France (NLB 28, p. 44).
- 1979 Agreement with Switzerland on Exchange of Information in Case of Radiation Emergency (NLB 25, p. 38). Repealed and replaced in 1989 (NLB 45, p. 82).
- 1980 Agreement and Protocol with Portugal on Scientific and Technical Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 37).
- 1981 Agreement with Japan on Light Water Reactor Safety (NLB 27, p. 25).
- 1981 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 35).
- 1981 Agreement with the Republic of Korea on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 36).
- 1981 Agreement with Belgium on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 34, p. 42).
- 1981 Agreement with Australia on Nuclear Transfers (NLB 35, p. 53).
- 1983 Agreement with the United Kingdom on Exchange of Information in Case of Radiological Emergencies (NLB 33, p. 33).
- 1983 Memorandum of Understanding between the Commissariat à l'énergie atomique (CEA) and the United States Department of Energy in the Field of Physical Protection of Nuclear Materials and Facilities (NLB 33, p. 35).
- 1983 Agreement with Luxembourg on Exchange of Information in Case of Radiological Emergencies (NLB 34, p. 42).
- 1984 Agreement with CERN on the Safety of Facilities for the Electron-Positron Collider (NLB 36, p. 40).
- 1985 Agreement with CERN on the Legal Status of Nuclear Materials held by CERN on French Territory (NLB 38, p. 54).
- 1986 Technical Co-operation Agreement with Spain on Radioactive Waste Management (NLB 38, p. 55).
- 1987 Agreement with Switzerland on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 43, p. 93).
- 1988 Agreement with Switzerland on Return of Plutonium (NLB 47, p. 72).
- 1989 Joint Declaration with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 60). 1991 Joint Declaration on Safety (NLB 48, p. 64). 1995 Joint Recommendations (NLB 57, p. 90).

- 1990 Administrative Arrangement with Canada for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 46, p. 84).
- 1990 Agreement with the Federal Republic of Germany on Reprocessing Spent Fuel Elements from German Nuclear Power Plants at La Hague (NLB 46, p. 85).
- 1990 Agreement with the USSR on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 47, p. 72). 1993 and 1996 Agreements with the Russian Federation (NLB 52, p. 79; NLB 58, p. 125).
- 1990 Co-operation Agreement with Italy on Reactors of the Future and Advanced Technology. 2000 Addendum (NLB 66, p. 63).
- 1991 Agreement with Germany covering R & D on the Back-end of the Fuel Cycle (NLB 48, p. 64).
- 1991 Agreement with Hungary for Co-operation in the Peaceful Uses of Atomic Energy (NLB 48, p. 65).
- 1991 Agreement with Japan for Co-operation on Advanced Nuclear Technologies (NLB 48, p. 65).
- 1992 Agreement with the Russian Federation on Co-operation on the Safe Disposal of Nuclear Weapons in Russia and on the Use for Peaceful Purposes of Nuclear Materials from Weapons (NLB 69, p. 100).
- 1993 Agreement with Japan for Co-operation on Nuclear Safety (NLB 52, p. 78).
- 1994 Agreement with Japan on Co-operation in the Field of Radioactive Waste (NLB 54, p. 66).
- 1997 Co-operation Agreement with the People's Republic of China on the Development of the Peaceful Uses of Nuclear Energy (NLB 62, p. 81).
- 1997 Protocol of Co-operation with Lithuania (NLB 61, p. 99).
- 1998 Co-operation Agreement with Belgium on Chooz Nuclear Power Plant and Exchange of Information in the Event of an Incident or an Accident (NLB 65, p. 59).
- 1998 Agreement with Ukraine on the Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
- 1999 Collaboration Agreement with the United Kingdom in the Field of Nuclear Waste Management and Dismantling of Nuclear Installations (NLB 65, p. 61).
- 1999 Co-operation Agreement with Japan on the Management and Disposal of Radioactive Waste (NLB 64, p. 70).
- 2000 Memorandum of Understanding with the United States on Co-operation relating to Future Nuclear Technology (NLB 66, p. 64).
- 2000 Agreement with the Russian Federation on Third Party Liability for Nuclear Damage (NLB 66, p. 63). The text of the Agreement is reproduced in **NLB 66, p. 76**.

- 2000 Arrangement with Slovenia for the Exchange of Information and Co-operation in the Field of Nuclear Safety (NLB 66, p. 64).
- 2000 Convention with CERN on the Safety of Research Installations Situated on French Territory (NLB 66, p. 65).
- 2000 Agreement with the United States for Co-operation in Advanced Nuclear Reactor Science and Technology (NLB 67, p. 63). 2001 Implementing Agreement (NLB 68, p. 81).
- 2001 Arrangement with Romania on the Exchange of Information and on Co-operation in the Field of Nuclear Safety (NLB 69, p. 100).
- 2001 Agreement with the United Kingdom on the Exchange of Classified Information in the Field of Nuclear Defence (NLB 69, p. 100).
- 2003 Agreement with the United States for Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 72, p. 71).
- 2008 Agreement with India on civil nuclear co-operation (NLB 82, p. 199).
- 2008 Agreement with Libya on, inter alia, the generation of electricity, water desalination, exploration of uranium, investment and training in nuclear energy (NLB 82, p. 199).
- 2008 Joint Political Declaration with the Slovak Republic on strategic partnership and a co-operation agreement on civilian nuclear energy (NLB 82, p. 199).
- 2008 Agreement with the United Kingdom to establish a “joint project approach” for regulation of the European Pressurised Water Reactor (EPR) (NLB 82, p. 200).
- 2008 Accord with Algeria on training, research and human resources (NLB 82, p. 200).
- 2008 Nuclear co-operation agreement with Libya for training of engineers and exchange of nuclear expertise (NLB 82, p. 200).
- 2008 Nuclear co-operation agreement with Morocco for training of engineers and exchange of nuclear expertise (NLB 82, p. 200).
- 2008 Nuclear co-operation agreement with Tunisia for training of engineers and exchange of nuclear expertise (NLB 82, p. 200).
- 2008 Agreement with the United States for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2009 Agreement with Italy on co-operation in the field of nuclear energy (NLB 83, p. 141).
- 2009 Agreement with Tunisia on the development of nuclear energy for peaceful purposes (NLB 83, p. 141).
- 2009 Agreement with Brazil on co-operation in the development of nuclear propulsion systems for military submarines (NLB 83, p. 141).

- 2010 Co-operation agreement with Kuwait on the development of peaceful nuclear energy (NLB 85, p. 150).
- 2010 Agreement with Morocco on Co-operation on Civil Nuclear Power (NLB 86, p. 93).
- 2010 Agreement with the Russian Federation on the Expanded Co-operation Agreement in the Nuclear Field (NLB 86, p. 93).
- 2010 Agreement with Saudi Arabia on Co-operation on Civil Nuclear Power (NLB 86, p. 93).
- 2010 Agreement with Japan and the United States on co-operation towards the joint design and development of fast breeder reactors (NLB 86, p. 93). 2012 Cooperation Agreement between the government of the French Republic and the government of the Republic of Tunisia for the development of peaceful uses of nuclear energy (NLB 91, p. 117).
- 2012 Cooperation Agreement between the government of the French Republic and the government of Mongolia in the field of nuclear energy (with annex) (NLB 91, p. 117).
- 2013 Agreement between the Government of the French Republic and the Government of the Principality of Monaco on the management of Monegasque radioactive waste in the French territory (NLB 92, p. 101).
- 2013 Agreement of co-operation between the Government of the French Republic and the Government of the Kingdom of Saudi Arabia for the development of nuclear energy for peaceful purposes (NLB 92, p. 102).
- 2014 Protocol amending the convention between the Government of the Republic of France and the Swiss Federal Council on extension of the site of the European Organisation for Nuclear Research into French territory (NLB 93, p. 102).
- 2014 Agreement between the Government of the Republic of France, the Swiss Federal Council and the European Organisation for Nuclear Research on the law applicable to companies working on the organisation's site with a view to carrying out services of a transnational nature (NLB 93, p. 103).
- 2014 Agreement between the Government of the French Republic and the Government of the Kingdom of Belgium on the processing of Belgian spent fuel in La Hague (NLB 94, p. 123).

## **Gabon**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 2001 Act Setting out Guidelines in Respect of the Prevention and Protection Policy Applicable to Ionising Radiation (NLB 74, p. 47).

#### ***Organisation and structure***

- 2002 Order Establishing the National Centre for the Prevention of and Protection Against Ionising Radiation (NLB 74, p. 47).

## **Georgia**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1998 Law on Nuclear and Radiation Safety (NLB 67, p. 31).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 2012 Law No. 5912 on nuclear and radiation safety (NLB 90, p. 118).

#### ***Nuclear trade (including non-proliferation)***

- 1998 Law on Export Control of Armaments, Military Equipment and Dual Use Products (NLB 62, p. 65).

## **Germany**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 1972 Bill concerning the Protection of the Environment against Non-nuclear Dangers Caused by Nuclear Installations (NLB 9, p. 16).
- 1972 Act on Waste Disposal (NLB 10, p. 11).
- 1980 Principles on Waste Management and Reprocessing of Nuclear Fuels from Nuclear Power Plants (NLB 24, p. 10; NLB 25, p. 17).

- 1981 Act ratifying the Convention on the Prevention of Marine Pollution from Land-based Sources (NLB 28, p. 46).
- 1985 Ordinance implementing the Convention on Protection of the Marine Environment in the Baltic Sea Area (NLB 35, p. 57).
- 1990 Act to implement the European Community Directive on the Assessment of the Effects of Certain Projects on the Environment (NLB 45, p. 48).
- 1990 Assessment of the Effects of Mining Projects on the Environment (NLB 46, p. 67).
- 2009 Act on Environmental Impact Assessment (NLB 85, p. 105).
- 2010 Amendment to the Environmental Impact Assessment Act (NLB 86, p. 77).

### **Food irradiation**

- 1991 Amendment to the Meat Hygiene Ordinance (NLB 49, p. 53).
- 1992 Foodstuffs and Consumer Goods Act (NLB 52, p. 54).
- 2000 Ordinance on the Treatment of Foodstuffs with Electronic-, Gamma-, and X-Rays, Neutron- or Ultraviolet-Radiation (NLB 67, p. 35).
- 2006 Amendment to the Ordinance on the Treatment of Foodstuffs with Radiation (NLB 79, p. 62).
- 2019 New version of the Food Irradiation Ordinance (NLB 102, p. 89).

### **General legislation, regulations and instruments**

- 1959 Atomic Energy Act. The text of the Act is reproduced in the **Supplement to NLB 4**. Successive Amendments (NLB 1, p. 13; NLB 2, p. 16; NLB 3, p. 7; NLB 4, p. 8; NLB 6, p. 9; NLB 9, p. 15; NLB 14, p. 11; NLB 15, p. 8; NLB 16, p. 14; NLB 17, p. 9; NLB 18, p. 25; NLB 34, p. 18; NLB 37, p. 18; NLB 44, p. 37; NLB 45, p. 49; NLB 47, p. 48; NLB 54, p. 48; NLB 59, p. 48; NLB 61, p. 74; NLB 67, p. 34; NLB 69, p. 76). For comments on the 2002 Amendment, see also the study by A. Vorwerk (NLB 69, p. 7). The texts of the 1975 and 1976 Amendments are reproduced in the **Supplements to NLB 15 and NLB 18**. The 1985 consolidated text of the Act is reproduced in the **Supplement to NLB 36**. The 2002 consolidated text of the Act is reproduced in the **Supplement to NLB 70**. 2010 Tenth Amendment (NLB 85, p. 105). 2011 Thirteenth Amendment (NLB 88, 78).
- 1968 Revision of the 1959 Act on Statutory Offences, (NLB 2, p. 16).
- 1980 Act concerning Criminal Acts against the Environment (NLB 23, p. 19; NLB 25, p. 17; NLB 26, p. 15). 1994 Act (NLB 54, p. 49).
- 1990 German Re-unification (NLB 46, p. 63).
- 1994 Amendment of the Constitution (NLB 55, p. 30).
- 2000/2001 Agreement on the phase-out of nuclear energy between the German Federal Government and the four main electrical utilities (NLB 66, p. 50; NLB 68, p. 58).

- 2010 Amendment to the Atomic Energy Act extending the operating lifetime of nuclear power plants (NLB 86, p. 76).
- 2010 Amendment to the Reliability Assessment Ordinance (NLB 86, p. 76).
- 2011 Legislative package on the change of energy policy; 13<sup>th</sup> Amendment to the Atomic Energy Act (NLB 88, p. 78).
- 2013 Bill to amend the Atomic Energy Act to expedite the retrieval of radioactive waste from and to decommission the Asse II Mine (2013) (NLB 91, p. 118).
- 2013 Act to amend the Act on Environmental Legal Remedies and other environmental provisions (NLB 91, p. 118).
- 2018 16<sup>th</sup> Act to Amend the Atomic Energy Act (NLB 101, p. 78).

### **Liability and compensation**

- 1959 Atomic Energy Act as amended (see under “General legislation, regulations and instruments” supra). 1985 Amendment on Unlimited Liability (NLB 34, p. 18; NLB 35, p. 16) and 2001 Amendment (NLB 67, p. 34).
- 1969 Ordinance regarding the Creation of Financial Reserves for Nuclear Installations (NLB 4, p. 9).
- 1970 Financial Security Ordinance (NLB 6, p. 9; NLB 7, p. 9; NLB 8, p. 8). Repealed and replaced by 1977 Ordinance (NLB 16, p. 14; NLB 18, p. 25; NLB 19, p. 7). The revised text is reproduced in the **Supplement to NLB 18**. 2001 and 2002 Amendments (NLB 68, p. 59; NLB 69, p. 76).
- 1975 Ratification of the Paris and Brussels Conventions (NLB 1, p. 13; NLB 14, p. 12; NLB 15, p. 8; NLB 16, p. 13). 1985 Ratification of the Amendment Protocols (NLB 35, p. 57).
- 1985 Act adapting the Atomic Energy Act to the 1982 Protocols to the Paris Convention and the Brussels Supplementary Convention (NLB 34, p. 18; NLB 35, pp. 16 and 57).
- 1986 Compensation for damage caused by the Chernobyl accident under the Atomic Energy Act (NLB 38, p. 21).
- 1989 Act to ratify the IAEA Early Notification and Assistance Conventions (liability clause) (NLB 44, p. 40).
- 1990 Act to amend the Civil Code and other Acts (Atomic Energy Act) (NLB 45, p. 49).
- 1990 Act on Environmental Liability (NLB 47, p. 47).
- 1991 Notification by insurers of nuclear energy clause in transport insurance (NLB 48, p. 44).
- 2008 Act on the 2004 Protocols to Amend the Paris Convention and the Brussels Supplementary Convention; Act to Amend the Atomic Energy Act (NLB 82, p. 122).

### **Nuclear installations**

- 1960 Nuclear Installations Ordinance. 1970 Amendment (NLB 6, p. 9; NLB 7, p. 9). Repealed and replaced by a 1977 Ordinance concerning the procedure for licensing nuclear installations (NLB 19, p. 6). 1982 Amendment (NLB 28, p. 20; NLB 29, p. 20; NLB 30, p. 11). 1994 and 2001 Amendments (NLB 55, p. 30; NLB 68, p. 59).
- 1969 Act amending Provisions Authorising the Levying of Fees (NLB 4, p. 9).
- 1971 Ordinance concerning Costs under the Atomic Energy Act (NLB 8, p. 8). 1980 Amendment (NLB 23, p. 18; NLB 26, p. 22). Repealed and replaced in 1981 (NLB 29, p. 20). 1992, 2000, 2001 and 2002 Amendments (NLB 51, p. 65; NLB 67, p. 34; NLB 68, p. 59; NLB 69, p. 76).
- 1976 Revised Atomic Energy Act (NLB 18, p. 25).
- 1977 Safety Criteria for Nuclear Power Plants (NLB 21, p. 11).
- 1983 Guidelines for the Assessment of the Design Basis of Nuclear Power Plants having regard to Accidents (NLB 33, p. 12).
- 1985 Act to Expedite Administrative Procedures (NLB 36, p. 14).
- 1992 Ordinance on Persons Responsible for Nuclear Safety (NLB 51, p. 65). 2001 Amendment (NLB 68, p. 59).
- 1994 List of competent licensing authorities (NLB 55, p. 30).
- 2010 Amendment to the Ordinance on Persons Responsible for Nuclear Safety and on Reportable Events (NLB 86, p. 77).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1968 Ordinance on Industrial Diseases (NLB 2, p. 17).
- 1969 Act on Radio Luminous Timepieces (NLB 2, p. 17; NLB 4, p. 25).
- 1971 Ordinance on Authorising of Medicaments Treated with Ionising Radiation or Containing Radioactive Substances (NLB 8, p. 7). 1985 Amendment (NLB 35, p. 16).
- 1972 Bill concerning the Health Protection of Workers in Factories (NLB 9, p. 16; NLB 10, p. 10).
- 1973 Ratification of Convention No. 115 concerning the Protection of Workers against Ionising Radiations (NLB 13, p. 31).
- 1973 Ordinance controlling the Use of X-rays (NLB 10, p. 10; NLB 11, p. 14). The text of the Ordinance is reproduced in the **Supplement to NLB 12**. Repealed and replaced by a 1987 Ordinance (NLB 39, p. 17). 1990, 1996, 2001 and 2002 Amendments (NLB 47, p. 46; NLB 59; p. 49; NLB 68, p. 59; NLB 70, p. 44).
- 1976 Radiation Protection Ordinance (NLB 16, p. 12; NLB 18, p. 22). 1977 and 1981 Amendments (NLB 19, p. 5; NLB 28, p. 20). Repealed and replaced by 1989 Ordinance (NLB 44, p. 39). 1990, 1993 and 1996 Amendments (NLB 46, p. 67; NLB 52, p. 54; NLB 59, p. 49). Repealed and replaced by the 2001 Radiation

Protection Ordinance (NLB 68, p. 59; see also the study by M. PALM in NLB 68, p. 39).

- 1979 Ordinance on the Adjustment of Apparatus for Measurements (NLB 25, p. 16).
- 1981 Ordinance on Measurement Units (NLB 28, p. 20).
- 1985 Act on Weights and Measures. 1992 Amendment (NLB 51, p. 65).
- 1985 Ordinance on Cosmetics. 1997 Amendment (NLB 61, p. 76).
- 1986 Act on Preventive Protection of the Public against Radiation (NLB 39, p. 16). The text of the Act is reproduced in **NLB 39, p. 43**. 1987 Ordinance on Agricultural Products Contaminated after the Chernobyl Accident (NLB 40, p. 14). 1989 Implementing Ordinance amended in 1996 and 1997 (NLB 59, p. 49; NLB 60, p. 84). 1997 and 1998 Implementing Ordinances (NLB 61, p. 76; NLB 63, p. 72). 2008 Amendment (NLB 82, p. 121).
- 1987 Ordinance on Radioactive Drugs (NLB 39, p. 17).
- 1990 Ordinance on Establishing a Radiation Protection Register (NLB 46, p. 67).
- 1990 Ordinance on Drinking Water (NLB 47, p. 46).
- 1990 and 1991 Ordinances on Maternity Protection (NLB 47, pp. 46-47).
- 1991 Recommendations on Radiation Protection and Nuclear Safety (NLB 49, p. 52).
- 1997 Act to Protect Working Female Persons during Pregnancy and Maternity (NLB 60, p. 85).
- 1998 Act on the Electromagnetic Compatibility of Equipment (NLB 63, p. 72).
- 1999 Framework Recommendations on Protection against Catastrophes in the Surroundings of Nuclear Installations (NLB 65, p. 41).
- 2000 Act to Amend Nuclear Law Provisions to Implement Euratom Directives on Radiation Protection (NLB 67, p. 34).
- 2000 General Administrative Regulations dealing with the Control of Food and Feeds Irradiated as a Consequence of a Nuclear Incident (NLB 67, p. 36).
- 2003 X-Ray Ordinance (NLB 73, p. 85).
- 2005 Act on the Control of High-activity Sources (NLB 76, p. 75)
- 2006 Amendment to the Act on Preventive Radiation Protection (NLB 79, p. 62)
- 2006 Administrative Provisions on the Supervision of Environmental Radioactivity (NLB 79, p. 62).
- 2007 Ordinance on Radioactive Drugs (NLB 79, p. 62).
- 2009 Act on the Protection against Non-ionizing Radiation (NLB 85, p. 106).

- 2011 Entry into force of Ordinance to amend the Radiation Protection Ordinances (NLB 89, p. 120).
- 2012 General administrative rules on Section 47 of the Radiation Protection Ordinance (NLB 91, p. 120).
- 2012 Safety requirements for nuclear power plants (NLB 91, p. 120).
- 2020 First amendment to the Radiation Protection Ordinance (NLB 104, p. 17).

### **Nuclear trade (including non-proliferation)**

- 1961 Foreign Trade Act. 1990, 1994, 1996, 2003, 2004, 2009 and 2013 Amendments (NLB 46, p. 68; NLB 54, p. 49; NLB 59, p. 50; NLB 73, p. 86; NLB 74, p. 48; NLB 84, p. 134; NLB 94, p. 124).
- 1972 Ratification of the Treaty on the Denuclearisation of the Sea Bed (NLB 9, p. 36; NLB 10, p. 28).
- 1980 Implementation Act of the 1973 Verification Agreement in implementation of the NPT (NLB 25, p. 42). Repealed and replaced by the 2000 Act implementing the Verification Agreement as Revised by the 1998 Protocol (NLB 65, p. 43).
- 1990 Act to Tighten Controls over Foreign Trade (NLB 47, p. 48).
- 1990 Amendment to the Act on Control of Military Weapons (NLB 47, p. 49).
- 1993 Foreign Trade Ordinance. Successive Amendments (NLB 49, p. 53; NLB 57, p. 78; NLB 59, p. 50; NLB 60, p. 85; NLB 61, p. 77; NLB 63, p. 72; NLB 65, p. 42; NLB 67, p. 35; NLB 81, p. 106; NLB 84, p. 134; NLB 94, p. 124).
- Export and Import Lists, 1994, 1997, 1998 and 1999, 2000 and 2003 and 2004 Amendments (NLB 54, p. 50; NLB 61, p. 77; NLB 65, p. 41; NLB 67, p. 35; NLB 73, p. 86; NLB 74, p. 49) and ordinance to amend 2010, 2011 (NLB 89, p. 122).
- 1998 Act to Implement the Comprehensive Nuclear-Test-Ban Treaty (NLB 63, p. 73).
- 2001 and 2003 Amendments to the Nuclear Trade Ordinance (NLB 73, p. 86).
- 2006 Amendments to the 1961 Foreign Trade Act and to the 1993 Foreign Trade Ordinance (NLB 77, p. 55)
- 2005 Amendments to the Import List (NLB 77, p. 56)
- 2006 Amendments to the 1961 Foreign Trade Act and to the 1993 Foreign Trade Ordinance (NLB 79, p. 64).
- 2008 List of Foreign Trade Regulations (NLB 81, p. 106).
- 2011 Amendment to the Foreign Trade Act (NLB 89, p. 122).
- 2012 Publication of complete list of acts, ordinances and ministerial orders covering foreign trade in force on 31 December 2011 (NLB 89, p. 122).
- 2013 110<sup>th</sup> Ordinance to Amend the Export List – Annex AL to the Foreign Trade Ordinance of 15 January 2013 (NLB 91, p. 121).

- 2014 New versions of the Foreign Trade Act and the Foreign Trade Ordinance (NLB 94, p. 124).
- 2015 Amendments to the Foreign Trade Act and the Foreign Trade Ordinance (NLB 98, p. 69).
- 2019 Amendments to the Foreign Trade Ordinance (NLB 102, p. 90).

### ***Nuclear-powered ships***

- 1975 Amendment to the Atomic Energy Act in the wake of the ratification of the Brussels Convention on the Liability of Operators of Nuclear Ships (NLB 7, p. 10; NLB 16, p. 14; NLB 17, p. 9).

### ***Organisation and structure***

- 1971 Notification on the Setting up of a Reactor Safety Commission (NLB 9, p. 15). 1980 Notification (NLB 27, p. 8).
- 1972 Setting up of a Nuclear Engineering Commission (NLB 10, p. 21; NLB 15, p. 28). 1981 Amendment (NLB 29, p. 20).
- 1972 Reorganisation of Federal Competencies in the Field of Nuclear Energy (NLB 11, p. 13).
- 1986 Setting up of a new Ministry of Environmental Affairs (NLB 38, p. 21). 1986 Ordinance to assign ministerial competencies (NLB 39, p. 15).
- 1988 Act establishing a Federal Office for Radiation Protection (NLB 41, p. 14; NLB 43, p. 68; NLB 44, p. 39). 1998 and 2000 Amendments (NLB 61, p. 74; NLB 67, p. 34).
- 1989 Ordinance on the Transfer of Functions under the Preventive Radiation Protection Act (NLB 44, p. 39). 1991 Ordinance (NLB 48, p. 43).
- 1992 Establishment of a Federal Export Office (NLB 50, p. 64).
- 1998 Re-organisation of the Reactor Safety Commission and the Radiation Protection Commission (NLB 65, p. 41).

### ***Radioactive materials (including physical protection)***

- 1973 Recommendations concerning the Licensing and Control of Radioisotopic Cardiac Pacemakers (NLB 13, p. 6).
- 1979 Bill on Implementation of the Euratom-IAEA Verification Agreement (NLB 23, p. 18).
- 1981 Export List of the Foreign Trade Ordinance (NLB 29, p. 21).
- 1999 Reliability Assessment Ordinance for Licence Applications (NLB 65, p. 40). 2001 Amendment (NLB 68, p. 59). 2010 Amendment (NLB 86, p. 76).
- 2007 Ratification of the International Convention for the Suppression of Acts of Nuclear Terrorism (NLB 81, p. 105).

### **Radioactive waste management**

- 1972 Ratification of the 1958 High Seas Convention (NLB 10, p. 28).
- 1972 Act on Waste Disposal (NLB 10, p. 11).
- 1980 Principles on Waste Management and Reprocessing of Nuclear Fuels from Nuclear Power Plants (NLB 24, p. 10; NLB 25, p. 17).
- 1981 Model Rules for Use of Collecting Facilities for Radioactive Waste (NLB 37, p. 18).
- 1982 Ordinance on Advance Financial Contributions towards Construction of Federal Installations for Safe Containment and Disposal of Radioactive Waste (NLB 30, p. 11). The text of the Ordinance is reproduced in **NLB 30, p. 41**. 1986 Extension of the Ordinance (NLB 39, p. 18). 1990, 2001 and 2004 Amendments (NLB 46, p. 67; NLB 68, p. 59; NLB 74, p. 48).
- 1995 General Mining Ordinance (application to underground radioactive waste repositories) (NLB 57, p. 76).
- 1998 Ordinance on the Shipment of Radioactive Waste (NLB 63, p. 72). 2001 Amendment (NLB 68, p. 59).
- 1998 Act to Implement the Protocol to the Convention on the Prevention of Marine Pollution by Dumping of Wastes (NLB 63, p. 73).
- 2005 Ordinance on Establishing a Prohibition to Alter the Conditions of the Subsoil within the Gorleben Salt Formation (NLB 76, p. 76)
- 2009 Ordinance on the Shipment of Radioactive Waste or Spent Fuel (NLB 84 p. 134).
- 2013 Act on Expediting the Retrieval of Radioactive Waste from and the Decommissioning of the Asse II Mine (NLB 92, p. 102).
- 2013 Repository Site Selection Act (NLB 92, p. 103).
- 2015 First Ordinance to amend the 2005 Gorleben Development Freeze Ordinance (NLB 96, p. 82).
- 2016 Act on the Organisational Restructuring in the Field of Radioactive Waste Management (NLB 98, p. 70).
- 2016 Final report of the Commission to Review the Financing for the Phase-out of Nuclear Energy (NLB 98, p. 72).
- 2016 Draft Bill of an Act on the Reorganisation of the Responsibility of Nuclear Waste Disposal (NLB 98, p. 73).
- 2017 Act on the Reorganisation of the Responsibility of Nuclear Waste Disposal (NLB 99, p. 82).

### **Transport of radioactive materials**

- 1968 Air Transport Act and Ordinance (NLB 3, p. 7). 1979 Decree (NLB 23, p. 19). 1999 Amendment to the Act (NLB 65, p. 42).

- 1969 Act approving the European Agreement on the International Carriage of Dangerous Goods by Road. Amendments (ADR) (NLB 4, p. 25; NLB 10, p. 28; NLB 21, p. 50; NLB 63, p. 71). 1973 Ordinance (NLB 12, p. 7). 1985 Ordinance (NLB 36, p. 15).
- 1971 Ordinance implementing the Ordinance on the Transportation of Dangerous Goods on the Rhine and other Federal Waterways (ADNR) (NLB 7, p. 9; NLB 9, p. 16). 1979 and 1994 Amendments (NLB 25, p. 17; NLB 55, p. 31).
- 1972 Ordinance on Maritime Carriage of Dangerous Goods (NLB 10, p. 10). 1978 Decree (NLB 23, p. 19).
- 1972 Post Office Regulations (NLB 11, p. 14).
- 1975 Act concerning the Carriage of Dangerous Goods by Rail, Road, Air and Waterway (NLB 16, p. 13). 1998 Amendment (NLB 63, p. 71). 1985, 1991, 1995, 1996 and 1997 Ordinances (NLB 48, p. 44; NLB 57, p. 77; NLB 59, p. 49; NLB 60, p. 85). 1997, 1998 and 1999 Amendments (NLB 60, p. 85; NLB 61, p. 76; NLB 63, p. 71; NLB 65, p. 41).
- 1979 Ordinance on the Transport of Dangerous Goods by Rail (NLB 25, p. 16). 1996 and 1998 Amendments (NLB 59, p. 49; NLB 63, p. 71). 1999 Ordinance on Exceptions from the Provisions of the RID (NLB 65, p. 41).
- 1980 Air Traffic Act. 1981 Amendment (NLB 27, p. 8).
- 1990 Ordinance on Amendments to the CIM and the CIV Conventions (NLB 47, p. 47).
- 1994 Act on the Reorganisation of the Railway System (NLB 54, p. 49).
- 2003 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 73, p. 85). 2004 Amendment (NLB 74, p. 48).
- 2003 Ordinance on the Transportation of Dangerous Goods on the Rhine and Mosel rivers (NLB 73, p. 86).
- 2003 Ordinance on the Maritime Carriage of Dangerous Goods (NLB 73, p. 86).
- 2003 and 2004 Ordinances to Amend the RID Regulations (NLB 74, p. 48).
- 2004 Ordinance on the Transportation of Dangerous Goods by Internal Waterways (NLB 74, p. 85).
- 2005 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 76, p. 76)
- 2005 European Agreement Relating to the International Transportation of Dangerous Goods by Road (ADR) (NLB 77, p. 55)
- 2005 Corrigenda to the 2004 RID Regulations (NLB 77, p. 55).
- 2006 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 77, p. 55)
- 2006 European Agreement Relating to the International Transportation of Dangerous Goods by Road (ADR) (NLB 79, p. 63).

- 2006 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 79, p. 63).
- 2006 Ordinance to Amend the RID Regulations (NLB 79, p. 63)
- 2006 Ordinance on the Transportation of Dangerous Goods on the Rhine and Mosel Rivers (NLB 79, p. 63).
- 2008 Order on the International Carriage of Dangerous Goods by Rail (NLB 82, p. 122).
- 2009 Amendments to Acts and Ordinances on the Transport of Dangerous Goods (NLB 84, p. 134).
- 2011 Consolidated version of Ordinance on the Domestic and Transboundary Transport of Dangerous Goods by Road, Rail and Internal Waterways (Dangerous Goods Ordinance Road, Rail, Waterways) (NLB 89, p. 121).
- 2011 Consolidated version of Ordinance on the Transport of Dangerous Goods by Sea-Going Vessels (Dangerous Goods Ordinance Sea) (NLB 89, p. 121).
- 2012 the 22<sup>nd</sup> Ordinance to Amend the Annexes A and B to the ADR-Agreement (NLB 91, p. 121).
- 2017 New Versions of Ordinances on the Transport of Dangerous Goods (NLB 99, p. 82).
- 2019 Amendments to the transport of dangerous goods ordinances (NLB 102, p. 90).

### Case law

- 1972 Decision of the Federal Administrative Court on the issuing of partial licences concerning nuclear power plants (NLB 10, p. 20).
- 1973 Case concerning the legality of a provisional site approval (NLB 13, p. 18).
- 1978 Case concerning the constitutionality of the licensing procedure of the Atomic Energy Act with respect to the fast breeder reactor (NLB 20, p. 21; NLB 21, p. 38; NLB 23, p. 37).
- 1979 Case concerning the constitutionality of the peaceful use of atomic energy; impact of the Constitution on procedural licensing provisions (NLB 25, p. 28).
- 1980 Licensing of the Stade nuclear power station (NLB 15, p. 25; NLB 27, p. 19).
- 1986 Decision of the Federal Administrative Court (right of EEC residents to bring an action against a nuclear licence) (NLB 40, p. 23).
- 1990 Case concerning the Federal Constitutional Court rules on the competence of the Federal State in relation to the Länder in the field of nuclear law (*Kalkar Reactor Case*) (NLB 47, p. 31).
- 1996 Decision of the highest Administrative Court of Lower Saxony rejecting an appeal against the licensing of the storage of nuclear waste and of irradiated fuel elements (NLB 58, p. 71).

- 1996 Decision of the Superior Administrative Court of Schleswig-Holstein regarding the Krümmel nuclear power plant (NLB 61, p. 57).
- 1997 Discussion of lawful processes for licensing (NLB 60, p. 55).
- 1998 Judgment of the Federal Administrative Court concerning the Mülheim-Kärlich nuclear power plant (NLB 61, p. 55).
- 2000 Decision of the Nürnberg-Fürth Regional Court rejecting a compensation claim for a work-related accident (NLB 66, p. 28).
- 2002 Ruling of the Supreme Court on the Phase-Out Law (NLB 70, p. 24).
- 2006 Judgments on the Konrad Repository Project and on Intermediate On-site Storage Facilities for Spent Nuclear Fuel (NLB 77, p. 42)
- 2007 Judgment of the Federal Administrative Court on the Konrad Repository Project (NLB 79, p. 57)
- 2008 Judgment of the Federal Administration Court on the standing of third parties regarding attacks at interim storage facilities (NLB 81, p. 99).
- 2008 Judgment of the Federal Administration Court on the so-called “Biblis-obligations” (NLB 82, p. 114).
- 2012 Request for arbitration against Germany at the World Bank’s International Centre for the Settlement of Investment Disputes (ICSID) because of Germany’s legislation leading to the phase-out of nuclear energy (NLB 90, p. 102).
- 2013 Judgment of the Federal Administrative Court on the Biblis shutdown order (NLB 93, p. 89).
- 2015 Judgment of the European Court of Justice on the nuclear fuel tax (NLB 96, p. 68).
- 2016 Judgment of the Federal Constitutional Court (NLB 100, p. 85).
- 2021 Three decisions of German law courts concerning the export of unirradiated fuel assemblies to nuclear power plants in neighbouring countries (NLB 106, p. 21).
- 2021 Ruling by the Federal Constitutional Court regarding the ban on the handling of nuclear fuel in the ports of Bremen (NLB 107, p. 47).

### **Administrative decisions**

- 1972 Establishment of a Nuclear Engineering Commission (NLB 10, p. 21; NLB 15, p. 28).
- 1995 Recommendations of the Reactor Safety Commission and of the Radiation Protection Commission (NLB 57, p. 70).

## Agreements

- 1967 Agreement with France on the Construction and Operation of a High Flux Reactor (NLB 1, p. 32). 1971, 1976 and 1981 Implementing Agreements and Additional Protocols (NLB 9, p. 34; NLB 20, p. 31; NLB 29, p. 36). 1974 Accession of the United Kingdom (NLB 19, p. 34).
- 1968 Agreement with the Netherlands concerning the Use of Dutch Coastal Waters and Ports by the N.S. Otto Hahn (NLB 2, p. 40; NLB 3, p. 33; NLB 4, p. 25). The text of the Agreement is reproduced in **NLB 3, p. 50**. Similar Agreements with Liberia (1970), Portugal (1971) and Argentina (1971) (NLB 6, p. 36; NLB 7, p. 36; NLB 8, p. 34; NLB 9, p. 35). The text of the Treaty with Argentina is reproduced in **NLB 10, p. 37**.
- 1969 Act approving Amendments to the Convention for the Establishment of CERN (NLB 4, p. 25).
- 1970 Co-operation Agreement with the Netherlands and the United Kingdom on the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 37; NLB 8, p. 34). The text of the Agreement is reproduced in **NLB 6, p. 41**.
- 1970 Agreement with Chile concerning Scientific Research and Technological Development (NLB 8, p. 34).
- 1971 Co-operation Agreement with India on the Peaceful Uses of Nuclear Energy (NLB 11, p. 36).
- 1972 Treaty with Brazil concerning the Entry of Nuclear-powered Ships into Brazilian Territorial Waters and Ports (NLB 10, p. 29; NLB 14, p. 41).
- 1973 Verification Agreement with Austria, Belgium, Denmark, Finland, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, Euratom and IAEA. 1998 Additional Protocol (NLB 65, p. 43).
- 1974 Technical Exchange and Co-operative Agreement in the Field of Radioactive Waste Management with the United States (NLB 15, p. 31). 1980 Amendment (NLB 27, p. 26).
- 1974 LOFT Agreement with the United States (NLB 16, p. 40).
- 1975 Agreement with Brazil on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 38). The text of the Agreement is reproduced in **NLB 16, p. 43**.
- 1975 Agreement with France and Switzerland relating to a Tripartite Commission for Neighbourhood Problems in Border Areas (NLB 19, p. 34).
- 1976 Agreement with the Iran Atomic Energy Organisation on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 21, p. 49).
- 1977 Agreement with Denmark on Construction of Nuclear Installations in Border Areas (NLB 22, p. 34).
- 1977 Agreement with the United States on Co-operation in the Field of Gas-cooled Reactors. 1987 Extensions (NLB 41, p. 44).

- 1977 Memorandum of Understanding with the Netherlands on Nuclear Installations in Border Areas (NLB 22, p. 35).
- 1977 Agreement with France on Mutual Assistance in the Event of Catastrophes and Grave Disasters (NLB 25, p. 39; NLB 27, p. 26). 1981 Supplementary Agreement (NLB 28, p. 42).
- 1978 Agreement with Switzerland on Radiation Protection in Case of Emergency (NLB 22, p. 36; NLB 23, p. 54). The text of the Agreement is reproduced in **NLB 22, p. 51**. 1986 Exchange of Notes (NLB 42, p. 50).
- 1978 Agreement with Brazil on Exchange of Technical Information and Co-operation in Nuclear Safety (NLB 23, p. 51). 1983 Extensions (NLB 33, p. 34).
- 1978 Agreement with France and Japan on Fast Breeder Reactors (NLB 23, p. 52).
- 1978 Agreement with France on Safety Research for Light Water Reactors (NLB 23, p. 52). 1983 and 1988 Extensions (NLB 35, p. 54; NLB 43, p. 92).
- 1978 Agreement with Spain on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 23, p. 53).
- 1978 Treaty with Luxembourg on Mutual Assistance in the Event of Catastrophe and Grave Disasters (NLB 28, p. 43).
- 1979 Agreement with the United Kingdom on Exchange of Information on the Safety of Nuclear Installations (NLB 24, p. 31).
- 1980 Agreement with Belgium on Mutual Emergency Assistance (NLB 31, p. 28; NLB 33, p. 33).
- 1981 Agreement with the United States on Exchange of Information and Co-operation in Nuclear Safety (NLB 28, p. 42). 1986 and 1995 Extensions (NLB 39, p. 39; NLB 57, p. 91).
- 1981 Agreement with Argentina on Exchange of Technical Information and Co-operation in Nuclear Safety (NLB 28, p. 43).
- 1981 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 31, p. 29).
- 1982 Agreement with Switzerland on Construction and Operation of Nuclear Installations in Border Areas (NLB 31, p. 30; NLB 33, p. 34).
- 1984 Agreement with the People's Republic of China on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 34, p. 43).
- 1984 Agreement with Switzerland on Mutual Emergency Assistance (NLB 39, p. 38).
- 1986 Agreement with Switzerland on Third Party Liability in the Nuclear Field (NLB 39, p. 38; NLB 42, p. 51). The text of the Agreement is reproduced in **NLB 39, p. 51**.
- 1986 Agreement with the Republic of Korea on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 56).

- 1987 Agreement with the USSR on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 45).
- 1987 Agreement between the Federal Republic of Germany and the German Democratic Republic on Radiation Protection (NLB 40, p. 44; NLB 41, p. 44).
- 1987 Agreement with Denmark on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43).
- 1987 Agreement with Denmark on Nuclear Safety and Radiation Protection (NLB 43, p. 91).
- 1988 Agreement with the USSR on Early Notification in the Event of a Nuclear Accident and on Exchange of Information on Nuclear Installations (NLB 42, p. 51). 1989 Additional Agreement (NLB 45, p. 82).
- 1988 Agreement with Norway on Nuclear Safety and Radiation Protection (NLB 43, p. 93).
- 1988 Agreement with Austria on Mutual Assistance in the Event of Catastrophes or Serious Accidents (NLB 51, p. 84).
- 1988 Agreement with the Netherlands on Mutual Assistance in the Event of Catastrophes (NLB 51, p. 85).
- 1989 Joint Declaration with France on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 60). 1991 Joint Declaration on Safety (NLB 48, p. 64). 1995 Joint Recommendations (NLB 57, p. 90).
- 1989 Joint Declaration with the United Kingdom on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 61).
- 1989 Agreement with Poland for Co-operation on Research in the Nuclear Field (NLB 46, p. 87).
- 1990 Agreement with France on Reprocessing Spent Fuel Elements from German Nuclear Power Plants at La Hague (NLB 46, p. 85).
- 1990 Agreement with Czechoslovakia in the Field of Nuclear Safety and Radiation Protection (NLB 46, p. 85).
- 1990 Agreement with Czechoslovakia on Scientific and Technical Co-operation (NLB 47, p. 70).
- 1990 Agreement with Hungary on Early Notification of a Nuclear Accident (NLB 47, p. 72).
- 1990 Agreement with Sweden on Early Notification of a Nuclear Accident (NLB 47, p. 73).
- 1991 Memorandum of Understanding with Canada on Nuclear Safety and Radiation Protection (NLB 48, p. 61).
- 1991 Agreement with France covering R & D on the Back-end of the Fuel Cycle (NLB 48, p. 64).
- 1991 Termination of Agreements concluded by the ex-GDR (NLB 49, p. 73).

- 1991 Agreement with the USSR on Termination of the Activities of the Wismut Company (NLB 49, p. 73).
- 1992 Arrangement with China on Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 85; NLB 52, p. 77).
- 1992 Agreement with the Russian Federation in the Field of Environmental Protection (NLB 51, p. 86).
- 1992 Agreement with Finland on Early Notification and Information Exchange (NLB 52, p. 78).
- 1992 and 1993 Agreements with Albania, Latvia and Lithuania on Environmental Protection (NLB 52, p. 80).
- 1992 Agreement with the Russian Federation on Mutual Assistance in the Event of Catastrophes and Severe Accidents (NLB 60, p. 106).
- 1993 Agreement with Bulgaria on Nuclear Safety and Radiation Protection (NLB 52, p. 77; NLB 54, p. 65).
- 1993 Agreement with Ukraine in Nuclear Safety and Radiation Protection (NLB 54, p. 66).
- 1994 Agreement with Austria on Radiation Protection (NLB 57, p. 86).
- 1995 Agreement with the United States on Reactor Safety R & D (NLB 59, p. 67).
- 1996 Agreement with Lithuania on Mutual Assistance in the Case of a Disaster (NLB 57, p. 91).
- 1998 Agreement with the United States on Co-operation in Energy Research, Science and Technology, and Development (NLB 61, p. 99).
- 1998 Agreement with the Russian Federation on Nuclear Liability in connection with Deliveries from Germany for Nuclear Installations in the Russian Federation (NLB 62, p. 83; NLB 63, p. 87). The text of the Agreement is reproduced in **NLB 63, p. 105**.
- 1998 Agreement with Hungary on Mutual Assistance in the Event of Catastrophe or Severe Accident (NLB 65, p. 61).
- 1998 Agreement with Romania on Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 65, p. 62).
- 1999 Agreement with the Czech Republic for the Exchange of Information in the Nuclear Energy Field (NLB 64, p. 69).
- 2003 Agreements with the Russian Federation on the Elimination and Disposal of Nuclear Weapons (NLB 73, p. 105).
- 2003 Agreement with the Russian Federation Concerning Co-operation and Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 74, p. 79).

## Ghana

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1993 Radiation Protection Instrument (NLB 52, p. 55).

#### ***Organisation and structure***

- 1963 Act setting up the Atomic Energy Commission. 1966, 1969 and 1993 Amendments (NLB 7, p. 10; NLB 52, p. 55).
- 2000 Atomic Energy Commission Act (NLB 74, p. 49).

## Greece

### Legislative and regulatory activities

#### ***General legislation, regulations and instruments***

- 1968 Act on the Reorganisation of the Greek Atomic Energy Commission (NLB 2, p. 17). The text of the Act is reproduced in the **Supplement to NLB 2**.
- Implementation of European Directives in 1996-97 (NLB 59, p. 50).

#### ***Liability and compensation***

- 1969 Decree-Law concerning the Ratification of the Paris Convention (NLB 5, p. 10; NLB 6, p. 11).

#### ***Nuclear installations***

- 1971 Decree-Law concerning the Conditions for Construction and Operation of Nuclear Installations (NLB 8, p. 8). The text of the Decree-Law is reproduced in **NLB 8, p. 36**.
- 1978 Decree fixing the Requirements and Procedures for Granting a Site Licence for a Nuclear Power Plant (NLB 22, p. 10).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1972 Regulations on Radiation Protection in the Medical Field (NLB 10, p. 11).
- 1974 Decree on Protection against the Hazards of Ionising Radiation (NLB 11, p. 15; NLB 15, p. 9).
- 1989 Radiological Protection Regulations (NLB 49, p. 53). Repealed and replaced by 2001 Regulations (NLB 68, p. 60).

- 2011 National Emergency Plan for Nuclear, Radiological, Biological and Chemical (CBRN) Threats (NLB 90, p. 119).
- 2012 Presidential decree No. 60 “Establishing a national framework for the nuclear safety of nuclear installations” transposes European Council Directive 2009/71/Euratom of 25 June 2009 into national legislation (NLB 90, p. 118).
- 2012 Ministerial decision No. P/112/305 establishing requirements for nuclear safety and regulatory control of research reactors (NLB 91, p. 122).
- 2018 Transposition of the Euratom Basic Safety Standards (NLB 102, p. 91).

### **Organisation and structure**

- 1978 Decree on Reorganisation of the Greek Atomic Energy Commission (NLB 23, p. 19).
- 1979 Decree establishing an Institute of Radiation Physics (NLB 27, p. 9).
- 1985 Act on Development of Scientific and Technological Research (NLB 37, p. 18). Extracts of the Act relevant to nuclear activities are reproduced in **NLB 37, p. 48**.
- 2015 Law re-establishing the regulatory authority in radiation protection and nuclear safety (NLB 95, p. 72).

### **Radioactive waste management**

- 2010 Decree transposing European Council Directive 2006/117/Euratom (NLB 86, p. 77).
- 2013 Presidential Decree No. 122 transposing Council Directive 2011/70/Euratom establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste (NLB 92, p. 105).
- 2015 Joint Ministerial Decision establishing the national policy on the management of spent fuel and radioactive waste (NLB 96, p. 83).
- 2020 Ministerial Decision 97529/2020 laying down the methodology for the implementation of the responsible and safe management of spent fuel and radioactive waste in compliance with Council Directive 2011/70/Euratom (NLB 107, p. 65).
- 2023 Joint Ministerial Decision No. 35225/2023 on the Legislative, regulatory and organizational framework for the responsible and safe management of spent fuel and radioactive waste transposing Council Directive 2011/70/Euratom (NLB 110, p. 74).

### **Agreements**

- 1995 Agreement with Romania on Early Notification of Nuclear Accidents and Exchange of Information (NLB 55, p. 54).
- 1997 Agreement with Romania on Early Notification and Information on Nuclear Facilities (NLB 61, p. 100).

- 1997 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 61, p. 95).
- 2008 Agreement with the United States on Co-operation for Research and Development/Exchange of Scientific and Technical Information (NLB 82, p. 201).
- 2012 Law 4085 ratifying the agreement between the IAEA and Greece in the area of education and training (NLB 91, p. 121).

## Hong Kong, China

### Legislative and regulatory activities

#### *Liability and compensation*

- 1999 Ordinance to bring Various Laws into Conformity with the Basic Law and with the Status of Hong Kong (NLB 65, p. 33).

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1995 Regulation on Ionising Radiation (NLB 57, p. 79).

## Hungary

### Legislative and regulatory activities

#### *Environmental protection*

- 2001 Decree on Environmental Impact Assessment (NLB 70, p. 46).
- 2001 Order on Radioactive Releases into the Air and into Water in Connection with the Use of Atomic Energy (NLB 70, p. 46).
- 2006 Amendment of the Order on Radioactive Releases into the Air and Water in Connection with the Use of Atomic Energy (NLB 77, p. 56).

#### *General legislation, regulations and instruments*

- 1996 Atomic Energy Act (NLB 59, p. 51). The text of the Act is reproduced in the **Supplement to NLB 60**. 2003 Amendment (NLB 73, p. 87). 1997 Implementing Regulations (NLB 60, p. 86). 2005 Amendment (NLB 77, p. 56). 2012 Modification (NLB 89, p. 122). 2013 Amendment (NLB 93, p. 103). 2015 Modifications (NLB 95, p. 73).
- 2008 Energy Policy 2007-2020 Framework Strategy (NLB 82, p. 123).

- 2021 Amendment of Government Decree 118/2011 enabling applicants to submit certain listed documents in the licensing processes concerning new NPPs in Hungarian and as well as in English (NLB 108/109, p. 111).
- 2022 Act 1 amending the Atomic Energy Act (NLB 108/109, p. 111).
- 2022 Amendment of Act CXXV of 1995 (NLB 108/109, p. 111).
- 2022 Amendment of Government Decree 112/2011 increasing the scale of fines that can be imposed by the HAEA (NLB 108/109, p. 111).
- 2022 Amendment of Government Decree 34/2009 on electronic notification of the authorisation of shipments of radioactive waste or spent fuel outside the territory of Hungary (NLB 108/109, p. 111).
- 2023 Latest amendments to Act CXVI of 1996 on Atomic Energy (NLB 112, p. 141).
- 2023 Latest amendments to the 2/2022 HAEA Decree (NLB 112, p. 142).

**Nuclear installations**

- 1993 Decree on the Safety of Nuclear Power Plants (NLB 52, p. 56).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1988 Ordinance on Radiation Protection (NLB 45, p. 54).
- 1989 Ordinance on the Establishment of a National Nuclear Accident Prevention System (NLB 46, p. 68).
- 2000 Decree Laying Down Basic Standards on Radiation Protection (NLB 69, p. 77).
- 2001 Order on the Operational Radiation Protection of Outside Workers (NLB 70, p. 45).
- 2001 Order on the Protection of the Health of Persons Exposed to Ionising Radiation for Medical Purposes (NLB 70, p. 45).
- 2011 Governmental Decree on the nuclear safety requirements for nuclear facilities and the procedures of the Hungarian Atomic Energy Authority (HAEA) in nuclear safety regulatory matters (NLB 89, p. 122).

**Nuclear security**

- 2013 MVM Paks Nuclear Power Plant drug and alcohol policy (NLB 93, p. 105).

**Nuclear trade (including non-proliferation)**

- 1993 Decree on Registration and Safeguards for Nuclear Materials (NLB 52, p. 57).
- 2005 Amendment of the Decree on International Trade of Nuclear Dual-use Items (NLB 77, p. 57).

### **Organisation and structure**

- 2003 Decree on the Scope of Duties, Authority and Competence to Impose Penalties of the HAEA, and on the Activities of the Atomic Energy Co-ordination Council (NLB 72, p. 50).
- 2005 Decree on the Procedures of the Hungarian Atomic Energy Authority in Nuclear Safety Regulatory (NLB 76, p. 77)
- 2013 New competences added to HAEA's work (NLB 93, p. 105).
- 2013 Management of the Central Nuclear Financial Fund transferred to the Ministry of National Development (NLB 93, p. 105).
- 2022 Change in the legal status of the Hungarian Atomic Energy agency (HAEA) (NLB 108/109, p. 110).
- 2022 HAEA Decree on the nuclear safety requirements of nuclear facilities and on related regulatory activities (NLB 108/109, p. 110).
- 2022 HAEA Decree on the protection against ionising radiation and the corresponding licensing, reporting (notification) and inspection system (NLB 108/109, p. 110).
- 2022 HAEA Decree on the rules of accountancy for and control of radioactive materials, and on the corresponding data provisions (NLB 108/109, p. 110).
- 2022 HAEA Decree on the rules of accountancy and control of nuclear materials (NLB 108/109, p. 110).
- 2022 HAEA Decree on the independent technical expert acting in the field of the application of atomic energy (NLB 108/109, p. 110).
- 2022 HAEA Decree on the administrative fees payable for certain administrative procedures and services of the Hungarian Atomic Energy Authority (NLB 108/109, p. 110).
- 2022 HAEA Decree on detailed rules for the certification and registration of competences for working as a technical expert, designer, technical inspector and responsible technical manager in connection with buildings and installations subject to the law on nuclear energy and rules governing the information to be included in the register (NLB 108/109, p. 110).

### **Radioactive materials (including physical protection)**

- 1993 Decree on Registration of Radioactive Materials (NLB 52, p. 57).

### **Radioactive waste management**

- 2002 Decree on the Licensing of Shipments of Radioactive Waste across the National Border (NLB 70, p. 46).
- 2003 Order on some Aspects of the Interim Storage and Final Disposal of Radioactive Waste and on the Radiological Aspects of Radioactive Materials Arising from Industrial Activities and Naturally Occurring Radioactive Materials (NLB 72, p. 51).

- 2013 Transposition of European Council Directive 2011/70/Euratom (NLB 93, p. 103).

### **Transport of radioactive materials**

- 1988 Ordinance on the Dispatch and Transport of Radioactive Substances (NLB 45, p. 55).

### **Case law**

- 1998 Appeal Court Decision concerning Chernobyl-related Damage (NLB 61, p. 58).

### **Agreements**

- 1987 Agreement with Austria on Questions of Mutual Interest relating to Nuclear Installations (NLB 42, p. 49).
- 1988 Agreement with Canada on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 50). The text of the Agreement is reproduced in **NLB 42, p. 60**. 1989 Administrative Arrangement (NLB 44, p. 58).
- 1990 Agreement with Czechoslovakia on Exchange of Information on Nuclear Safety and Radiation Protection (NLB 47, p. 70).
- 1990 Agreement with Germany on Early Notification of a Nuclear Accident (NLB 47, p. 72).
- 1991 Agreement with France for Co-operation in the Peaceful Uses of Atomic Energy (NLB 48, p. 65).
- 1991 Agreement with the United States for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 49, p. 74).
- 1991 Agreement with the European Communities on Establishment of an Association for Assistance in the Nuclear Field (NLB 52, p. 81).
- 1995 Agreement with Slovenia on Early Notification of Radiological Emergencies (NLB 57, p. 92).
- 1997 Agreement with Ukraine on Early Notification and Co-operation in the field of Nuclear Safety (NLB 61, p. 101).
- 1998 Agreement with Germany on Mutual Assistance in the Event of Catastrophe or Severe Accident (NLB 65, p. 61).
- 1999 Agreement with Croatia on the Early Exchange of Information in the Event of a Radiological Emergency (NLB 65, p. 60).
- 2001 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 68, p. 78).

## Iceland

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1962 Act on Safety Measures against Ionising Radiation, Setting Up a State Laboratory for Health Protection against Radiation. 1968 Implementing Regulation (NLB 2, p. 18). 1982 Amendment to the Act (NLB 36, p. 15). Repealed by 1985 Radiation Protection Act (NLB 41, p. 14). 1986 Implementing Regulations (NLB 41, p. 16). Repealed and replaced by the 2002 Act on Radiation Protection (NLB 74, p. 50). The text of the Act is reproduced in the **Supplement to NLB 74**.
- 2003 Regulations in the Field of Radiation Protection (NLB 79, p. 64).

### Agreements

- 2009 Agreement with the United States on co-operation to improve efforts to counter nuclear and radiological terrorism and promote international nuclear and environmental safety and security (NLB 84, p. 193).

## India

### Legislative and regulatory activities

#### ***Food irradiation***

- 1990 Regulations on Control of Irradiation of Food (NLB 49, p. 55).

#### ***Liability and compensation***

- 2010 Civil Nuclear Liability Act (NLB 86, p. 78).
- 2011 Entry into force of the Civil Liability for Nuclear Damage Act 2010 and the Civil Liability for Nuclear Damage Rules, 2011 (NLB 88, p. 80). The text of the Rules is reproduced in **NLB 88, p. 163**. Final versions (NLB 89, p. 123).
- 2011 proposed amendment to CLND Rules (NLB 90, p. 120).
- 2012 presentation of Committee on Subordinate Legislation Report on the Civil Liability for Nuclear Damage Rules, 2011 (NLB 90, p. 121).
- 2015 India-US Administrative Arrangement to Implement 123 Agreement (NLB 95, p. 73).
- 2016 Nuclear Liability Fund Rules, 2015 (NLB 97, p. 84).

**Nuclear trade (including non-proliferation)**

- 2005 Weapons of Mass Destruction Act (NLB 77, p. 57)

**Licensing and regulatory infrastructure**

- 2012 pending invitation for IAEA peer review (NLB 90, p. 119).
- 2016 The Atomic Energy (Amendment) Act, 2015 (NLB 97, p. 83). The text of the Act is reproduced in **NLB 97, p. 106**.

**Organisation and structure**

- 2011 The Nuclear Safety Regulatory Authority Bill (NLB 88, p. 83).

**Case Law**

- 2012 Decision of the High Court of Judicature at Madras allowing the Nuclear Power Corporation of India to move forward with the commissioning of the Kudankulam Nuclear Power Project (KKNPP) units 1 and 2 (NLB 90, p. 103).
- 2012 Dismissal of writ petitions 24770, 22771, 8262, 13987, 14054, 14172, 1823, 2485 regarding the KKNPP units 1 and 2: *G. Sundarrajan V. Union of India and Others* (NLB 90, p. 104) and Writ petition No. 22253 (NLB 90, p. 106).
- 2012 The Supreme Court of India considers challenge related to the nuclear liability rules applicable to the KKNPP and related matters under the Civil Liability for Nuclear Damage Act of 2010 (NLB 90, p. 107).
- 2013 Ruling from India's Supreme Court in a public interest litigation regarding Kudankulam nuclear power plant (NLB 91, p. 107).
- 2015 Judgment of the High Court of Kerala in a public interest litigation challenging the constitutional validity of the Civil Liability for Nuclear Damage Act, 2010 (NLB 96, p. 69).

**Agreements**

- 1971 Co-operation Agreement with the Federal Republic of Germany on the Peaceful Use of Nuclear Energy (NLB 11, p. 36).
- 1974 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 31, p. 28).
- 1988 Agreement with Pakistan on the Prohibition of Attacks against Nuclear Installations and Facilities (NLB 44, p. 62).
- 1996 Memorandum of Agreement with Brazil on Co-operation in the Field of Nuclear Energy (NLB 57, p. 86).
- 2007 Agreement for Cooperation between the Government of the United States of America and the Government of India Concerning Peaceful Uses of Nuclear Energy (NLB 82, p. 41).
- 2008 Agreement with France on civil nuclear co-operation (NLB 82, p. 199).

- 2008 Agreement with the Russian Federation on civil nuclear co-operation in the construction of additional units at Kudankulam as well as in the construction of Russian-designed nuclear plants at new sites in India (NLB 82, p. 200).
- 2009 Memorandum of understanding with Kazakhstan on co-operation in civil nuclear energy (NLB 83, p. 141).
- 2009 Agreement with the Russian Federation on civil nuclear co-operation (NLB 83, p. 141).
- 2009 Agreement on the development, promotion of nuclear energy and co-operation in civil nuclear energy projects (NLB 84, p. 193).
- 2010 Agreement with Canada on civilian nuclear co-operation (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation to increase civilian nuclear energy co-operation (NLB 85, p. 151).
- 2010 Agreement with the United Kingdom on civilian nuclear co-operation (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation on the construction of nuclear reactors in India (NLB 85, p. 151).
- 2010 Agreement with the United States on the reprocessing of nuclear material (NLB 86, p. 94).
- 2023 Memorandum of Understanding was concluded between the Nuclear Regulatory Authority of the Slovak Republic and the Atomic Energy Regulatory Board of India for the Exchange of Technical Information and Cooperation in the Field of Regulation of the Safe Use of Nuclear Energy for Peaceful Purposes (NLB 112, p. 142).

## **Indonesia**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 1992 Regulation on Maximum Permissible Radioactivity in the Environment (NLB 52, p. 58).
- 1994 Decree requiring Environmental Impact Studies for the Construction and Commissioning of Nuclear Power Plants (NLB 57, p. 79).

#### ***General legislation, regulations and instruments***

- 1997 Atomic Energy Act (NLB 59, p. 52). 1998 Implementing Decrees (NLB 63, p. 74).

- 2014 Government Regulation No. 2 on Licensing of Nuclear Installations and Nuclear Material Uses (NLB 94, p. 125).

**Liability and compensation**

- 1997 Act on Nuclear Energy (NLB 61, p. 77).

**Nuclear installations**

- 1972 Setting up of a Preparatory Committee for Nuclear Power Station Construction (NLB 10, p. 21).
- 1976 Decree on Site Evaluation for Nuclear Power Plants (NLB 21, p. 12).
- 1993 Draft Regulation for Construction and Operation of Nuclear Reactors (NLB 52, p. 58).
- 2006 Decree on Nuclear Reactor Licensing (NLB 79, p. 65).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1975 Regulation on Protection of Workers against Radiation (NLB 6, p. 11; NLB 8, p. 9; NLB 21, p. 11).
- 1993 Regulation on Permits for Irradiator Workers (NLB 52, p. 57).
- 2008 Regulation on licensing of uses of ionizing radiation sources and nuclear materials (NLB 82, p. 123).

**Nuclear security**

- 2014 Ratification of the Convention for the Suppression of Acts of Nuclear Terrorism (NLB 94, p. 125).

**Organisation and structure**

- 1973 Establishment of a Ministry of State for Research (NLB 12, p. 18).
- 1998 Decree on the National Energy Control Board (NLB 63, p. 74).
- 1998 Decree on the National Nuclear Energy Agency (NLB 63, p. 74).
- 2013 Government Regulation No. 61 on the Management of Radioactive Wastes (NLB 94, p. 125).

**Radioactive materials (including physical protection)**

- 1975 Regulation on Licensing of the Use of Radioactive Material and other Radiation Sources (NLB 6, p. 11; NLB 8, p. 9; NLB 21, p. 12).
- 1976 Decree on Exemption from Licences for Low-Level Radioactive Material (NLB 21, p. 13).

**Radioactive waste management**

- 2002 Ordinance on the Management of Radioactive Waste (NLB 71, p. 68).

### **Transport of radioactive materials**

- 1974 Decree on Safety Provisions for the Safe Transport of Radioactive Materials (NLB 21, p. 15).
- 1975 Regulation on the Transport of Radioactive Materials (NLB 21, p. 14). Repealed and replaced by the 2002 Ordinance on the Transport of Radioactive Materials (NLB 71, p. 68).

### **Administrative decisions**

- 1972 Decision to set up a Preparatory Committee for Nuclear Power Station Construction. (NLB 10, p. 21).
- 1973 Establishment of a Ministry of State for Research (NLB 12, p. 18).

### **Agreements**

- 1990 Agreement with Argentina on Peaceful Nuclear Co-operation (NLB 53, p. 107).
- 1997 Agreement with Australia on Co-operation in Nuclear Science and Technology (NLB 61, p. 97).
- 2000 Memorandum of Agreement with the United Kingdom concerning Co-operation in R & D, Production and Marketing of Radioisotopes for Medical or other Use (NLB 65, p. 62).
- 2001 Memorandum of Understanding for an Arrangement with Australia concerning Co-operation on Nuclear Safeguards and Related Matters (NLB 68, p. 78).
- 2008 Agreement with the United States for Research and Development/Exchange of Scientific and Technical Information (NBL 82, p. 201).

## **Iran**

### **Legislative and regulatory activities**

#### **Organisation and structure**

- 1974 Act on the Atomic Energy Organisation (NLB 17, p. 11).

### **Agreements**

- 1976 Agreement with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 21, p. 49).

## Ireland

### Legislative and regulatory activities

#### **Environmental protection**

- 1996 Dumping at Sea Act (NLB 59, p. 53).

#### **Food irradiation**

- 2000 European Communities (Foodstuffs Treated with Ionising Radiation) Regulations (NLB 67, p. 37).

#### **General legislation, regulations and instruments**

- 2008 Nuclear Test Ban Act (NLB 83, p. 101).
- 2011 Control of Exports (Brokering Activities) Order (NLB 88, p. 86).
- 2014 Adoption of European Union's directive on waste electrical and electronic equipment (NLB 94, p. 126).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1972 Factories Ionising Radiations (Sealed Sources) Regulations (NLB 4, p. 9; NLB 9, p. 19).
- 1972 Factories Ionising Radiations (Unsealed Radioactive Substances) Regulations (NLB 13, p. 8).
- 1988 European Communities (Medical Ionising Radiation) Regulations (NLB 43, p. 70).
- 1988 Safety, Health and Welfare at Work Bill (NLB 43, p. 70).
- 1991 Radiological Protection Act (NLB 45, p. 55; NLB 48, p. 45). 2002 Amendment (NLB 71, p. 69). 2012 Amendment (NLB 90, p. 122). 1993 Implementing Order (NLB 55, p. 31). 2000 implementing Order on Ionising Radiation (NLB 66, p. 41). 2012 Amendment (NLB 90, p. 122).
- 1991 European Community (Ionising Radiation) Regulations (NLB 47, p. 49).
- 1998 European Community (Radiological and Nuclear Medicine Installations) Regulations (NLB 62, p. 65).
- 2000 European Communities (Drinking Water) Regulations (NLB 69, p. 78).
- 2010 Order to amend Regulations on Active Implantable Medical Devices (NLB 85, p. 106).
- 2010 Amendment to Medical Devices Regulations (NLB 85, p. 107).
- 2011 Radiological Protection Act 1991 (Nuclear Safety) Order (NLB 88, p. 86).
- 2014 Radiological Protection (Miscellaneous Provisions) Act (NLB 94, p. 125).

- 2016 European Union Environmental Objectives (Surface Waters) (Amendment) Regulations 2015 (NLB 97, p. 84).
- 2016 European Union (Drinking Water) Regulations 2014 (NLB 97, p. 85).

#### **Nuclear trade (including non-proliferation)**

- 2003 Containment of Nuclear Weapons Act and 2004 Regulations (NLB 74, p. 51).
- 2016 Nuclear Test Ban Act 2008 (Commencement) Order 2015 (NLB 97, p. 86).

#### **Organisation and structure**

- 1971 Act establishing a Nuclear Energy Board (NLB 5, p. 11; NLB 7, p. 12; NLB 8, p. 9; NLB 13, p. 8). The text of the Act is reproduced in **NLB 8, p. 39**. Board dissolved by the 1991 Radiological Protection Act (NLB 45, p. 55; NLB 48, p. 45).
- 2001 Establishment of an Office of Emergency Planning (NLB 69, p. 77).
- 2012 Establishment of the Radiological Protection Institute of Ireland (NLB 90, p. 122).
- 2014 Dissolution of the Radiological Protection Institute (NLB 94, p. 125).

#### **Radioactive materials (including physical protection)**

- 1977 Nuclear Energy (General Control of Fissile Fuels, Radioactive Substances and Irradiating Apparatus) Order (NLB 20, p. 10). Repealed and replaced by 1993 Order (NLB 55, p. 31).
- 2005 Radiological Protection Act 1991 (Control of High-activity Sealed Radioactive Sources) Order (NLB 77, p. 58).

#### **Radioactive waste management**

- 2013 Radiological Protection Act 1991 (Responsibility and Safe Management of Radioactive Waste) Order 2013 (NLB 93, p. 106).

#### **Transport of radioactive materials**

- 1996 Harbours Act, restricting access of nuclear-powered ships or ships carrying nuclear weapons or nuclear materials (NLB 58, p. 91).
- 2006 Carriage of Dangerous Goods by Road Act 1998 (Appointment of Competent Authorities) Order (NLB 79, p. 65).
- 2010 Merchant Shipping Act (NLB 87, p. 97).
- 2011 Irish law Directive 2008/68/EC on the inland transport of dangerous goods by road (NLB 89, p. 123).
- 2013 Adoption of European Communities (Carriage of Dangerous Goods by Road and Use of Transportable Pressure Equipment) (Amendment) Regulations (NLB 92, p. 106).

## Case law

- 1996 Supreme Court Decision in *Constance Shortt and Others v. Ireland and the Attorney General and British Nuclear Fuel plc.* (NLB 59, p. 34).

## Israel

### Legislative and regulatory activities

#### **Food irradiation**

- 1967 Regulations concerning the Preservation of Foodstuffs by Radiation (NLB 7, p. 13).

#### **Nuclear installations**

- 1975 Supervision of Supplies and Services (Construction and Operation of Nuclear Reactors) Order and Declaration (NLB 15, p. 10).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1979 Employment of Women Regulations (Work Involving Ionising Radiation) (NLB 27, p. 9).
- 2005 Amendment to the Pharmacists' Regulations (Radioactive Elements and Their Products) (NLB 76, p. 78).

#### **Nuclear trade (including non-proliferation)**

- 2004 Import and Export Order (Control of Chemical, Biological and Nuclear Exports) (NLB 76, p. 78).

#### **Radioactive materials (including physical protection)**

- 1979 Pharmacists Regulations (Radioactive Elements and Products Thereof) (NLB 27, p. 10).

### Agreements

- 2000 Letter of Intent with the United States on Co-operation in the Fields of Non-proliferation, Arms Control, and Regional Security (NLB 65, p. 63).

## Italy

### Legislative and regulatory activities

#### **Environmental protection**

- 1978 Directives on Sea Dumping (NLB 22, p. 12).
- 1983 Ratification of the London Convention on the Prevention of Marine Pollution by the Dumping of Wastes and Other Matter (NLB 32, p. 31; NLB 34, p. 46).
- 1987 Circular concerning Controls over Environmental Radioactivity (NLB 39, p. 18).
- 1988 Decree on Environmental Impact Assessments (NLB 42, p. 21).
- 2007 Amendment to the Environmental Law Decree (NLB 80, p. 74)

#### **Food irradiation**

- 1973 Decree authorising the Preservation of Potatoes, Onions and Garlic by means of Gamma Radiation (NLB 12, p. 9).

#### **General legislation, regulations and instruments**

- 1962 Act on the Peaceful Uses of Nuclear Energy. 1969 Amendment (NLB 4, p. 10; NLB 5, p. 11). The text of the Act as amended is reproduced in the **Supplement to NLB 16**.
- 1973 Decree on Implementation of the Treaty on the Prohibition of the Emplacement of Nuclear Weapons and other Weapons of Mass Destruction on the Sea-Bed (NLB 15, p. 11).
- 1989 Act on Italy's Participation in the European Communities' Regulatory Process and on Procedures for Implementing the relevant Obligations (NLB 43, p. 71).
- 1994 Community Law in Italian Legislation (NLB 53, p. 83).
- 2008 Implementing law on urgent provisions for economic development etc. (NLB 82, p. 124).
- 2009 Law No. 99 of 23 July 2009 including provisions on the resurgence of nuclear energy (NLB 84, p. 135).
- 2010 Decree setting out rules for the siting, construction and operation of nuclear installations (NLB 85, p. 107).

#### **Liability and compensation**

- 1962 Act on the Peaceful Uses of Nuclear Energy (see under "General legislation, regulations and instruments" supra).
- 1974 Act Approving the Ratification of the Paris Convention and the Brussels Supplementary Convention (NLB 13, p. 35).

- 1975 Decree implementing the International Conventions on Third Party Liability in the Field of Nuclear Energy (NLB 16, p. 17). 1985 Act Authorising Ratification of the 1982 Protocols to Amend the Paris Convention and the Brussels Supplementary Convention (NLB 35, p. 58).
- 1976 Decree on the Model Certificate of Financial Security for the Transport of Nuclear Materials (NLB 17, p. 13).
- 1978 Decree approving the General Conditions of Nuclear Third Party Liability Insurance Policies (NLB 21, p. 16).
- 1979 Decree on Exclusion of Certain Categories of Nuclear Substances (NLB 23, p. 22).

### **Nuclear installations**

- 1970 Decree on Qualifications Required for the Technical Operation of Nuclear Installations, and 1973 Supplementary Decree (NLB 8, p. 10; NLB 15, p. 12).
- 1975 Act on Nuclear Electricity Generating Plants (NLB 16, p. 15). 1983 Amendment (NLB 31, p. 10).
- 1976 Act on Military Easements (NLB 20, p. 12).
- 1977 Decree subjecting Certain Nuclear Installations to Section 55 of 1964 Decree (NLB 20, p. 12).
- 1978 Decree on the Exclusion of Nuclear Installations from Application of the Requirements on Combustion Control (NLB 21, p. 16).
- 1978 Circular on the Licensing Procedure for Construction and Operation of Certain Nuclear Installations (NLB 22, p. 12).
- 1982 Decree listing the Facilities subject to Fire Prevention Inspections (NLB 29, p. 23). 1984 Act on Provisional Clearance Certificates for Activities in Such Facilities (NLB 36, p. 15).
- 2003 Ordinance on Urgent Measures for the Disposal of Radioactive Materials and in Relation to the Decommissioning of Nuclear Facilities (NLB 71, p. 70).
- 2004 Decree on the Nuclear Installation Management Company SOGIN (NLB 75, p. 116).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1964 Decree on Radiation Protection. 1969, 1970 and 1971 Implementing Decrees (NLB 5, p. 11; NLB 6, p. 13; NLB 7, p. 13).
- 1968 Decree fixing the Maximum Permissible Doses for the Protection of Workers against Ionising Radiation (NLB 2, p. 18).
- 1970 Act relating to Technicians in Medical Radiology (NLB 8, p. 12).
- 1972 and 1974 Decrees on the Conditions for Establishing the Lists of Approved Experts and Authorised Doctors in Charge of the Surveillance of Radiation Protection (NLB 12, p. 8; NLB 13, p. 9).

- 1973 Decree on Compulsory Insurance of Medical Staff against the Hazards of Ionising Radiation (NLB 15, p. 11).
- 1975 Decree amending the List of Occupational Diseases in Industry and Agriculture Requiring Compulsory Insurance (NLB 17, p. 13).
- 1976 Decree updating the List of Unsanitary Industries (NLB 19, p. 7). 1981 Amendment (NLB 29, p. 22).
- 1976 Decree on the Welfare of Working Mothers (NLB 19, p. 7).
- 1977 Decree on Levels of Contamination of Air, Water and Soil, Food and Drinking Water (NLB 20, p. 12).
- 1977 Circular on Medical Uses of Ionising Radiation (NLB 21, p. 15).
- 1978 Decree on Examinations for Qualified Experts and Approved Physicians in Radiation Protection (NLB 22, p. 11).
- 1978 Decree on Safety and Health Protection of Workers in the Mining Industry against Ionising Radiation (NLB 23, p. 22).
- 1981 Decree on Aid and Assistance for Populations Involved in Catastrophes (NLB 27, p. 11).
- 1981 Decree on the Qualifications of Experts and Medical Practitioners for Radiation Protection Surveillance (NLB 28, p. 21).
- 1982 Decree implementing the EEC Directive on Standardisation of Safety Signs in Workplaces (NLB 30, p. 13).
- 1983 Act to Amend Regulations governing the Activities of Technicians in Medical Radiology (NLB 31, p. 9).
- 1983 Circular on Nuclear Emergencies (NLB 32, p. 10).
- 1983 Bill on Revision of Radiation Protection Legislation (NLB 33, p. 13).
- 1984 Circular on Radiation Protection of Patients in Radiology and Nuclear Medicine (NLB 34, p. 19).
- 1990 Act providing for the implementation of the Community Directives regarding health and the protection of workers (NLB 46, p. 69).
- 1990 Decree on Physical and Medical Surveillance of Exposed Workers (NLB 49, p. 55).
- 1992 Community Directive on Informing the General Public In the Event of a Radiological Emergency (NLB 49, p. 56).
- 1995 Decree relating to the Protection of Workers and the Public against Ionising Radiation (NLB 56, p. 82). The text of the Decree is reproduced in the **Supplement to NLB 58**. 2002 Amendment (NLB 69, p. 61). 1997 Implementing Decrees (NLB 59, p. 54).
- 1997 Decrees on the criteria for acceptance of radiological equipment used for medical purposes, on quality control measures and on the training of medical

staff in the use of ionising radiation in medicine (NLB 59, p. 54). 1998 Amendments (NLB 62, p. 66).

- 1997 Decrees relating to Medical Application of Ionising Radiation (NLB 60, p. 87).
- 1998 Community Law implementing Directives 96/29/Euratom and 97/43/Euratom (NLB 63, p. 75). 2000 Implementing Decrees (NLB 66, p. 42), amended in 2001 (NLB 68, p. 61).
- 2001 Parliamentary Decree implementing Directive 98/83/EC on the Quality of Water Intended for Human Consumption (NLB 68, p. 62).
- 2006 Decree on Emergency Planning with Regard to the Transport of Radioactive and Fissile Materials (NLB 79, p. 66).
- 2008 Decree designating a working group to identify the procedures and methodology for establishing a centre for technological services and research (NLB 81, p. 106).

#### **Nuclear security**

- 2007 Decree Implementing Council Directive 2003/122/Euratom of 22 December 2003 on the Control of High-activity Sealed Radioactive Sources and Orphan Sources (NLB 80, p. 73).

#### **Nuclear-powered ships**

- 1971 Bill on implementation of the 1964 Agreement with the United States concerning N.S. Savannah (NLB 7, p. 14).
- 1972 Decree approving Regulations on the Safety of Navigation and of Life at Sea (NLB 13, p. 9).

#### **Organisation and structure**

- 1971 Act concerning the Reorganisation of the Comitato Nazionale per l'Energia Nucleare (CNEN) (NLB 1, p. 15; NLB 2, p. 19; NLB 9, p. 20). The text of the Act is reproduced in **NLB 9, p. 37**. Amendment by 1982 Act creating the National Committee for Research and Development of Nuclear and Alternative Energies (ENEA) (NLB 29, p. 21; NLB 30, p. 12). The consolidated text of the Act is reproduced in the **Supplement to NLB 30**. 1982 Act on financing the ENEA 5-year Nuclear Programme (NLB 29, p. 22). 1991 Act reorganising ENEA (NLB 48, p. 46), repealed by 1999 Decree (NLB 63, p. 75).
- 1978 Act setting up a Consolidated National Health Service (NLB 23, p. 21).
- 1979 Decree setting up an Inter-ministerial Committee on Physical Protection of Nuclear Material (NLB 25, p. 18).
- 1980 Decree concerning the Higher Institute for Safety at Work (NLB 27, p. 10).
- 1981 Decree-Law concerning the Creation of Local Health Centres (NLB 29, p. 22).
- 1983 Bill on the creation of a National Civil Protection Service (NLB 33, p. 13).

- 1986 Act setting up the Ministry for the Environment (NLB 38, p. 23).
- 1986 Decree setting up a Commission to Study Problems arising from Emergency Situations (NLB 38, p. 23).
- 1994 Act setting up the National Environmental Protection Agency (NLB 53, p. 83).
- 1999 Parliamentary Decree establishing the Nuclear Installation Management Company (NLB 66, p. 41).
- 2003 Decree on the Organisational Statute of the ENEA (NLB 72, p. 51).
- 2004 Decree on the Nuclear Installation Management Company SOGIN (NLB 75, p. 116).

#### **Radioactive materials (including physical protection)**

- 1967 Decree on Radioactive Materials subject to Declaration and Authorisation (NLB 1, p. 14).
- 1969 Act amending the 1962 provisions of the Act concerning Exemptions of Nuclear Substances from Declarations and Authorisations (NLB 4, p. 10; NLB 5, p. 11). The text of the Bill is reproduced in **NLB 4, p. 10**. 1970 Implementing Decree (NLB 8, p. 12). The text of the Decree is reproduced in **NLB 8, p. 49**. 1973 Amendment (NLB 12, p. 8).
- 1974 Decree on the Licensing of Radioisotopes (NLB 15, p. 12).
- 1976 Decree on the Regime for Importation of Goods (NLB 18, p. 26).
- 1977 Circular concerning the Use of Lightning Conductors (NLB 20, p. 13).
- 1982 Act ratifying the Convention on Physical Protection of Nuclear Material (NLB 30, p. 40).
- 1982 Decree on the Conditions of Notification of Radioactive Materials (NLB 30, p. 13).
- 1982 Decree on Conditions for Possession of Special Fissile Materials and Source Materials (NLB 31, p. 10).
- 2003 Ordinance on Urgent Measures for the Disposal of Radioactive Materials and in Relation to the Decommissioning of Nuclear Facilities (NLB 71, p. 70).

#### **Radioactive waste management**

- 1994 Circular on Shipments of Radioactive Waste (NLB 55, p. 32).
- 2003 Decrees on Radioactive Waste Management (NLB 73, p. 87). Extension of their validity by the 2004 and 2005 Ordinances on Radioactive Waste Management (NLB 74, p. 52; NLB 75, p. 117).
- 2004 Act Restructuring the Energy Sector (NLB 74, p. 51).

**Transport of radioactive materials**

- 1967 Decree prescribing that the Occasional Transport of Certain Radioactive Materials is Exempted from Licensing (NLB 1, p. 14).
- 1979 Decree bringing into force Amendments to Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (NLB 25, p. 43).
- 1982 Circular on Air Transport of Radioactive and Fissile Materials (NLB 29, p. 23). 1992 Circular (NLB 52, p. 59).
- 1993 Circular on Shipments of Radioactive Substances within the European Union (NLB 53, p. 84).

**Case law**

- 1974 Case on the unconstitutionality of the 1962 Act on the Peaceful Uses of Nuclear Energy (NLB 15, p. 28).
- 1974 Case on possession of radioactive materials by military establishments (NLB 17, p. 21).
- 1979 Decision of the Supreme Court on the siting of nuclear power plants (NLB 24, p. 22).
- 1980 and 1982 Decisions of the Council of State concerning the Montalto di Castro nuclear power plant (NLB 27, p. 20; NLB 31, p. 21).
- 1981 Constitutional Court Decision opposing a referendum on legislation concerning site selection for nuclear power plants (NLB 27, p. 21).
- 1986 Repeal of an Ordinance of the Regional Court of Piedmont concerning the nuclear power plant at Trino Vercellese (NLB 39, p. 27).
- 1987 Constitutional Court decision on the national referenda on nuclear issues (NLB 39, p. 28; NLB 40, p. 99).
- 1987 Case on the constitutionality of the 1962 Act on the Peaceful Uses of Nuclear Energy (NLB 40, p. 24).

**Agreements**

- 1968 Agreement with the IAEA concerning the Seat of the International Centre for Theoretical Physics in Trieste. 1983 Amendment (NLB 37, p. 45).
- 1989 Agreement with Switzerland on Exchange of Information on Nuclear Installations (NLB 45, p. 83).
- 1989 Memorandum of Co-operation with the USSR on Controlled Thermonuclear Fusion Research (NLB 45, p. 83).
- 1989 Agreement with Brazil for Economic, Industrial, Scientific, Technical, Cultural Co-operation (NLB 49, p. 73).

- 1990 Co-operation Agreement with France on Reactors of the Future and Advanced Technology. 2000 Addendum (NLB 66, p. 63).
- 2009 Agreement with France on co-operation in the field of nuclear energy (NLB 83, p. 141).
- 2009 Memorandum with Japan to co-operate in nuclear power development (NLB 83, p. 141).
- 2009 Joint Declaration with the United States on Nuclear Co-operation in civilian nuclear energy research and development covering areas of advanced nuclear energy systems and associated fuel cycle technologies. (NLB 84, p. 193).
- 2010 Agreement with the Russian Federation on a joint study on nuclear fusion (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation on co-operation in the nuclear sector (NLB 85, p. 151).

## Japan

### Legislative and regulatory activities

#### **Environmental protection**

- 1997 Environmental Impact Law (NLB 60, p. 87).

#### **General legislation, regulations and instruments**

- 1955 Basic Law and 1955 Establishment Law to set up the Nuclear Safety Commission. 1978 Amendments (NLB 22, p. 13).
- 1957 Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material and Nuclear Reactors (NLB 11, p. 17). Successive Amendments (NLB 22, p. 13; NLB 24, p. 11; NLB 25, p. 19; NLB 38, p. 23; NLB 43, p. 72; NLB 56, p. 88; NLB 64, p. 56; NLB 65, p. 44; NLB 71, p. 70).
- 1973 Applicable laws for licensing of nuclear activities (NLB 11, p. 17).
- 1984 and 1990 Reviews of nuclear legislation (NLB 34, p. 19; NLB 45, p. 57).
- 2002 Amendment of the Electric Utilities Industry Law (NLB 71, p. 70).
- 2023 Enactment of the GX Decarbonization Power Supply Act (NLB 111, p. 81).

#### **Liability and compensation**

- 1961 Law on Compensation for Nuclear Damage. 1971, 1979 and 1989 Amendments (NLB 6, p. 14; NLB 7, p. 15; NLB 9, p. 21; NLB 23, p. 22; NLB 43, p. 73). The text of the Act as amended in 1971 is reproduced in the **Supplement to NLB 9**. The consolidated text of the Act and the text of its implementing

Ordinance are reproduced in the **Supplement to NLB 45**. 1994 and 1999 Amendments (NLB 56, p. 88; NLB 63, p. 76; NLB 64, p. 57). 1962 Cabinet Order relating to the Amount of Financial Security. 1971 and 1999 Amendments (NLB 12, p. 9; NLB 65, p. 46).

- 1961 Act on the Indemnity Agreement for Compensation of Nuclear Damage. 1968, 1971 and 1988 Amendments (NLB 11, p. 21). The original text of the Act is reproduced in the **Supplement to NLB 11**. The consolidated text of the Act as amended in 1988 is reproduced in the **Supplement to NLB 45**. 1999 Implementing Ordinance (NLB 65, p. 46).
- 1978 Safety and Fishery Compensation Agreements for the Onawaga Nuclear Power Plant (NLB 23, p. 23).
- 2009 Act to amend the Nuclear Damage Compensation Law and the Law on Nuclear Liability Indemnification Contracts (NLB 83, p. 102).
- 2015 Act on the Partial Amendment of the Act on Compensation for Nuclear Damage and the Government Indemnity Agreement Act (NLB 95, p. 75).
- 2015 Act on Subsidisation etc. of Nuclear Damage Compensation for Enforcement of the Convention on Supplementary Compensation for Nuclear Damage (NLB 95, p. 76).

#### **Nuclear installations**

- 1957 Regulations for Installation and Operation of Experimental Research Reactors. 1981 Amendment (NLB 38, p. 24).
- 1965 Ministerial Ordinance determining Technical Standards for Nuclear Power Plants. 1981 Amendment (NLB 38, p. 25).
- 1974 Law on Electric Power Resources Development (NLB 11, p. 20; NLB 14, p. 23).
- 1978 Regulations concerning Installation and Operation of Reactors for Power Generation. 1981 Amendment (NLB 38, p. 25).
- 1991 Safety Guides for Research Reactors (NLB 50, p. 65).
- 2000 Law for Nuclear Siting Area Development (NLB 67, p. 37).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1957 Law on Prevention of Radiation Hazards (NLB 11, p. 20). 1980 and 1993 Amendments (NLB 25, p. 19; NLB 56, p. 88).
- 1972 Regulations on the Prevention of Ionising Radiation Hazards. 1981 Amendment (NLB 38, p. 24).
- 1980 Regulations for Delivery of Subsidies for Safety Measures. 1983 Amendment (NLB 38, p. 25).
- 1999 Special Law on Emergency Preparedness for Nuclear Disaster (NLB 65, p. 45).
- 2000 Revision of the Nuclear Disaster Prevention Guidelines (NLB 68, p. 62).

- 2007 Criminal Radiation Emission Act (NLB 81, p. 107).
- 2012 the Act for Establishment of a Nuclear Regulation Authority includes several new requirements regarding nuclear safety and establishes the Nuclear Emergency Preparedness Commission (NEPC) (NLB 90, p. 124). The text of the Act is reproduced in **NLB 90, p. 217**.

### **Organisation and structure**

- 1975 Act on the Reorganisation of the Science and Technology Agency (NLB 17, p. 14).
- 1984 Establishment of a Committee to Regulate the Safety of Radioactive Waste Disposal (NLB 34, p. 20).
- 1998 Act reorganising the Power Reactor and Nuclear Fuel Development Corporation Law (PNC). Setting up of the Japan Nuclear Cycle Development Institute (JNC) (NLB 62, p. 66).
- 1998 Government Reorganisation Basic Law, including in the nuclear sector (NLB 66, p. 42).
- 1999 Transfer of the Nuclear Safety Commission to the Prime Minister's Office (NLB 65, p. 44).
- 2000 Approval for the establishment of the Nuclear Waste Management Organisation (NLB 66, p. 43).
- 2001 Governmental Decision to merge JAERI and JNC (NLB 69, p. 79).
- 2002 Act establishing the Japan Nuclear Energy Safety Organisation (NLB 71, p. 72).
- 2004 Japan Atomic Energy Agency Law (NLB 75, p. 117).
- 2012 The Act for Establishment of a Nuclear Regulation Authority (NLB 90, p. 122).

### **Radioactive materials (including physical protection)**

- 1957 Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors. 1988 Amendment (NLB 43, p. 72).
- 1978 National Safeguards System and Physical Protection of Nuclear Material (NLB 21, p. 17).

### **Radioactive waste management**

- 2000 Law on Final Disposal of High-level Radioactive Waste (NLB 66, p. 43).
- 2007 Amendment to the Law on Final Disposal of High-level Radioactive Waste (NLB 80, p. 75).

### **Transport of radioactive materials**

- 1990 Amendment of Transport Regulations (NLB 50, p. 65).

**Case law**

- 1978 and 1984 Decisions on Itaka-1 nuclear power plant (NLB 22, p. 27; NLB 35, p. 38).
- 1984 and 1990 Court Decisions on the Fukushima II-1 nuclear power station (NLB 34, p. 28; NLB 45, p. 34).
- 1992 Decision of the Supreme Court on the Monju-Prototype FBR and the Daka-1 and Fukushima II-1 nuclear power plants (NLB 52, p. 38).
- 1999 Decision rejecting an application to close down Tomari nuclear power plant (NLB 64, p. 43).
- 2000 Decision rejecting claims calling for permanent closure of the Monju reactor (NLB 65, p. 22).
- 2000 Decision of the Matsuyama Lower Court on construction of an additional unit at the Ikata NPP (NLB 67, p. 27).
- 2000 Supreme Court decisions rejecting applications to close down Shika and Onagawa NPPs (NLB 67, p. 28).
- 2003 Judgment of the Nagoya High Court on the invalidity of the licence to establish the Monju reactor (NLB 71, p. 42).
- 2003 Judgment of the Mito District Court issuing penalties in respect of the Tokai-mura accident (NLB 71, p. 43).
- 2005 Judgment of the Japanese Supreme Court Confirming the Validity of the Licence to Establish the Monju Reactor (NLB 76, p. 68).
- 2006 Judgment of Kanazawa District Court Ordering Closure of Shika Plant (NLB 77, p. 43).
- 2015 District court decisions on lawsuits related to the restart of Sendai NPP and Takahama NPP (NLB 96, p. 71).
- 2017 District court decisions on lawsuits related to state liability following the Fukushima Daiichi nuclear power plant accident (NLB 100, p. 87).
- 2018 Decision by the Hiroshima High Court on appeal regarding the operation of the Ikata nuclear power plant (NLB 102, p. 82).
- 2019 Update on lawsuits related to the government responsibility following the Fukushima Daiichi nuclear power plant accident (NLB 103, p. 47).
- 2020 Update on the situation regarding preliminary injunctions against nuclear power plant operations since the Fukushima Daiichi nuclear power plant accident (NLB 104, p. 10).
- 2020 Request for injunction against prior consent to restart nuclear power plant (NLB 105, p. 88).
- 2020 Report on the first appellate court ruling that deemed the state responsible for the Fukushima Daiichi nuclear power accident (NLB 106, p. 25).

- 2021 Injunction against nuclear power plant operation based on inadequate evacuation plans (Tokai-2) (NLB 107, p. 51).
- 2021 Prosecution on charges of professional negligence resulting in death and injury for the former TEPCO executives (NLB 107, p. 55).
- 2021 Judgment framework of the court on the provisional disposition against the operation of the Ikata Nuclear Power Plant (NLB 108/109, p. 97).
- 2023 Court decision on a request to stop the Tomari Power Station, to remove spent nuclear fuel from the reactor buildings and to decommission the nuclear reactor (Tomari 1-3) (NLB 110, p. 60).

### **Administrative decisions**

- 1997 Report on Power Reactors and Nuclear Fuel Development Corporation (NLB 60, p. 70).

### **Agreements**

- 1959 Agreement with Canada on Co-operation in the Peaceful Uses of Nuclear Energy. 1978 Amending Protocol (NLB 23, p. 51; NLB 25, p. 39).
- 1972 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy. 1982 and 1991 Amendments (NLB 30, p. 36; NLB 48, p. 61).
- 1972 Agreement with France on Co-operation in the Peaceful Uses of Nuclear Energy. 1990 Amendment (NLB 46, p. 86).
- 1976 Agreements with the United States relating to Japanese Participation in Reactor Safety Research (NLB 17, p. 28).
- 1977 Agreement with the United States on Reprocessing Nuclear Material of US Origin (NLB 21, p. 50).
- 1978 Agreement with France and the Federal Republic of Germany on Technical Co-operation on Fast Breeder Reactors (NLB 23, p. 52).
- 1981 Agreement with France on Light Water Reactor Safety (NLB 27, p. 25).
- 1982, 1983 and 1984 Agreements between the Japan Power Reactor and Nuclear Fuel Development Corporation (PNC) and the US Department of Energy (DOE) in the field of liquid metal fast breeder reactors (NLB 30, p. 39; NLB 33, p. 36).
- 1985 Agreement with the People's Republic of China on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 41).
- 1987 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 46).
- 1990 Arrangement with the Republic of Korea for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 46, p. 87).
- 1990 Agreement with Mexico on Co-operation in the Peaceful Uses of Nuclear Science and Technology (NLB 47, p. 73).

- 1991 Agreement with France for Co-operation on Advanced Nuclear Technologies (NLB 48, p. 65).
- 1991 Agreement with the Republic of Korea on Information Exchange on Power Plant Safety (NLB 50, p. 78).
- 1992 Memorandum with the Republic of Korea on Information Exchange on Public Acceptance (NLB 50, p. 79).
- 1993 Agreement with France on Co-operation on Nuclear Safety (NLB 52, p. 78).
- 1994 Agreement with France on Co-operation on Radioactive Waste (NLB 54, p. 66).
- 1998 Agreement with the United Kingdom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 63, p. 87).
- 1999 Co-operation Agreement with France on the Management and Disposal of Radioactive Waste (NLB 64, p. 70).
- 2000 Memorandum of Understanding with the Russian Federation on Co-operation in the Fields of Denuclearisation, Disarmament and Non-proliferation in the Russian Federation (NLB 66, p. 65).
- 2000 Agreement with the United States in the Field of Nuclear Technologies (NLB 67, p. 63).
- 2001 Co-operation Agreement with the United Kingdom on Advanced Nuclear Fuel Cycle, Fast Breeder Reactor and Other Related Technologies (NLB 68, p. 81).
- 2008 Agreement with Kazakhstan for bilateral co-operation, including nuclear energy activities (NLB 82, p. 199).
- 2008 Agreement with Kazakhstan to increase co-operation in uranium mining and nuclear energy (NLB 82, p. 200).
- 2008 Agreement with Viet Nam to co-operate on preparatory work for the construction of Viet Nam's first nuclear power plant (NLB 82, p. 200).
- 2009 Agreement with the United Arab Emirates on civil nuclear co-operation (NLB 83, p. 141).
- 2009 Memorandum with Italy to co-operate in nuclear power development (NLB 83, p. 141).
- 2009 Memorandum of co-operation with Jordan on the introduction of nuclear power in Jordan (NLB 83, p. 141).
- 2009 Agreement with the Russian Federation on co-operation in the field of the peaceful use of nuclear energy (NLB 83, p. 141).
- 2010 Agreement with Kazakhstan to co-operate in the peaceful uses of nuclear power (NLB 85, p. 151).
- 2010 Agreement with Jordan to co-operate in the peaceful uses of nuclear power (NLB 86, p. 93).

- 2010 Agreement with Kuwait to co-operate in the peaceful uses of nuclear power (NLB 86, p. 93).
- 2010 Agreement with Malaysia to co-operate in the peaceful uses of nuclear power (NLB 86, p. 93).
- 2010 Agreement with France and the United States on co-operation towards the joint design and development of fast breeder reactors (NLB 86, p. 93).
- 2010 Agreement with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).

## **Jordan**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1987 Nuclear Energy and Radiological Protection Act (NLB 54, p. 50).

### **Agreements**

- 2008 Agreement with China for the Purchase of a Sub-critical Assembly (NLB 82, p. 200).
- 2008 Memorandum of Understanding with the United States on the peaceful use of nuclear energy and to work together to develop requirements for appropriate power reactors, fuel service arrangements, civilian training, nuclear safety, energy technology and other related areas (NLB 82, p. 199).
- 2008 Memorandum of Understanding with the United Kingdom to facilitate co-operation in nuclear energy, including desalination of water (NLB 82, p. 199).
- 2008 Agreement with the Republic of Korea for co-operation in the field of the peaceful use of nuclear energy (NLB 82, p. 200).
- 2008 Agreement with China for the purchase of a sub-critical assembly. (NLB 82, p. 200).
- 2009 Memorandum of co-operation with Japan on the introduction of nuclear power in Jordan (NLB 83, p. 141).
- 2009 Agreement with Canada by virtue of which Canada will help Jordan construct a nuclear power plant to generate electricity and desalinate seawater (NLB 83, p. 141).
- 2009 Agreement with the Russian Federation on assistance to Jordan in building power and desalination plants (NLB 83, p. 141).

- 2009 Agreement with Argentina on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).
- 2009 Co-operation agreement with the United Kingdom on the peaceful use of nuclear energy (NLB 84, p. 193).
- 2010 Co-operation agreement with Algeria in the fields of energy, nuclear energy, oil and gas, (NLB 85, p. 151).
- 2010 Pact with the United Kingdom on nuclear co-operation (NLB 85, p. 151).
- 2010 Agreement with Japan to co-operate in the peaceful uses of nuclear power (NLB 86, p. 94).

## **Kazakhstan**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1994 Temporary Regulations on the Use of Atomic Energy (NLB 55, p. 32).
- 1997 Law on the Peaceful Use of Atomic Energy (NLB 59, p. 54).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1998 Law on Radiation Safety of the Population (NLB 64, p. 58).
- 1999 Requirements for the Quality Assurance Programme on Radiation Safety for Certain Activities connected with the Use of Atomic Energy (NLB 66, p. 44).

#### ***Organisation and structure***

- 1993 Resolution setting up the Atomic Energy Agency (NLB 55, p. 33).

#### ***Radioactive materials (including physical protection)***

- 1994 Regulation and Directives on the Physical Protection of Nuclear Materials (NLB 55, p. 33).

#### ***Transport of radioactive materials***

- 1999 Regulation on Safe Transport of Radioactive Materials (NLB 66, p. 45).
- 1999 Regulations on the Elimination of Effects of an Accident during the Transportation of Nuclear Materials by Rail and Road (NLB 66, p. 45).

### **Agreements**

- 1997 Agreement with the United States for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 66, p. 65).

- 1999 Agreement with the United States for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters (NLB 65, p. 63).
- 1999 Co-operation Arrangement with the United States Concerning Decommissioning of the BN-350 Reactor (NLB 65, p. 64).
- 2008 Agreement with Japan for bilateral co-operation, including nuclear energy activities (NLB 82, p. 199).
- 2008 Agreement with Japan to increase co-operation in uranium mining and nuclear energy (NLB 82, p. 200).
- 2009 Memorandum of understanding with India on co-operation in civil nuclear energy. (NLB 83, p. 141).
- 2009 Agreement with China to increase co-operation in uranium mining and long- term nuclear cooperation projects (NLB 83, p. 141).
- 2009 Agreement with Canada on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).
- 2010 Agreement with Japan to co-operate in the peaceful uses of nuclear power, (NLB 85, p. 151).
- 2010 Memorandum on integration and co-operation, and Joint statement with the Russian Federation on a proposed joint uranium enrichment plant (NLB 86, p. 93).
- 2010 Memorandum of understanding with Belgium on exchange of expertise in civil nuclear research (NLB 86, p. 93).

## **Kenya**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1984 Radiation Protection Act (NLB 49, p. 56).

## Korea

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1958 Atomic Energy Act and implementing texts (NLB 6, p. 15; NLB 7, p. 15). 1994, 1996 and 1999 Revisions (NLB 55, p. 54; NLB 59, p. 55; NLB 65, p. 47).

#### **Liability and compensation**

- 1969 Nuclear Damage Compensation Act (NLB 7, p. 20). 1975 and 2001 Amendments (NLB 18, p. 27; NLB 67, p. 38). The text of the revised Act is reproduced in the **Supplement to NLB 68**.
- 2015 Amendment of Article 3 of the Enforcement Decree of the Nuclear Liability Act: increase of the financial security amount required from operators of nuclear power reactors (NLB 95, p. 77).
- 2015 Amendment of Article 2 of the Enforcement Decree of the Act on Indemnity Agreements for Nuclear Liability: the Korean Government will take over the risks of environmental damages (NLB 95, p.77).

#### **Nuclear installations**

- 1969, 1970 and 1971 Decrees concerning the Authorisation System and the Security Measures in Nuclear Installations (NLB 7, p. 17).

#### **Organisation and structure**

- 1973 Reorganisation of the Office of Atomic Energy and the Atomic Energy Research Institute (NLB 11, p. 25).
- 1989 Description of bodies established under the Atomic Energy Act (NLB 47, p. 50).
- 2011 Establishment of the Nuclear Safety and Security Commission (NLB 88, p. 87).

#### **Radioactive materials (including physical protection)**

- 1971 Regulations on the Nuclear Installations Licensing System (Treatment of Fissile Materials) (NLB 18, p. 27).
- 2004 Act on Physical Protection and Radiological Emergency (NLB 76, p. 79).

#### **Radioactive waste management**

- 2009 Act on Radioactive Waste Management (NLB 83, p. 103).

### Administrative decisions

- 1973 Reorganisation of the Office of Atomic Energy and the Atomic Energy Research Institute (NLB 11, p. 25).

## Agreements

- 1981 Agreement with France on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 36).
- 1986 Agreement with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 56).
- 1990 Arrangement with Japan for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 46, p. 87).
- 1991 Agreement with Japan on Information Exchange on Power Plant Safety (NLB 50, p. 78).
- 1992 Memorandum with Japan on Information Exchange on Public Acceptance (NLB 50, p. 79).
- 1994 Co-operative Agreement with the People's Republic of China concerning Peaceful Uses of Nuclear Energy (NLB 57, p. 88).
- 1994 Agreement with Slovenia on Scientific and Technological Co-operation. 2000 Arrangement for the Exchange of Information and Co-operation in the Field of Nuclear Safety (NLB 66, p. 66).
- 1995 Statement of Intent with the Czech Republic on Nuclear Co-operation (NLB 55, p. 53).
- 1996 Memorandum of Understanding with the United States for a Co-operative Laboratory Relationship. 2000 Annex IV Joint Project on Cintichem Technology (NLB 68, p. 82).
- 1996 Co-operation Agreement with the Republic of Viet Nam in Research into the Peaceful Uses of Nuclear Energy (NLB 62, p. 84).
- 1996 Co-operation Agreement with Argentina in the Peaceful Uses of Nuclear Energy (NLB 62, p. 79).
- 2001 Agreement with the Czech Republic for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 68, p. 80).
- 2003 Memorandum of Understanding with Romania on Co-operation in Nuclear Energy Projects (NLB 72, p. 72).
- 2008 Agreement for co-operation in the field of the peaceful use of nuclear energy (NLB 82, p. 200).
- 2010 Protocol agreement with Türkiye to co-operate on the construction of a nuclear plant in Türkiye (NLB 85, p. 151).
- 2010 Agreement with Argentina on civilian nuclear co-operation (NLB 86, p. 93).
- 2010 Memorandum of understanding with Türkiye on co-operation in nuclear energy (NLB 86, p. 93).
- 2010 Agreements with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).

## Kuwait

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1977 Decree promulgating the Act on the Use of Ionising Radiation and Protection against its Hazards (NLB 22, p. 16).

### Agreements

- 2010 Agreement with France regarding Co-operation on the Development of Peaceful Nuclear Energy (NLB 85, p. 36).
- 2010 Agreement with Japan regarding Co-operation on the Peaceful Uses of Nuclear Power (NLB 86, p. 93).

## Latvia

### Legislative and regulatory activities

#### ***Food irradiation***

- 2004 Regulations on Foods and Food Ingredients Treated with Ionising Radiation (NLB 74, p. 53).

#### ***General legislation, regulations and instruments***

- 1994 Act on Radiation and Nuclear Safety (NLB 55, p. 35). The text of the Act is reproduced in the **Supplement to NLB 55**. Repealed and replaced by the 2000 Act on Radiation Safety and Nuclear Safety (NLB 67, p. 39). The text of the Act is reproduced in the **Supplement to NLB 67**. List of the 2001/2002 implementing Regulations (NLB 69, p. 79; see also infra).
- 1994 Draft General Nuclear Regulations (NLB 55, p. 36).

#### ***Liability and compensation***

- 2001 Regulations on Minimum Insurance of the Civil Liability of the Nuclear Operator (NLB 69, p. 82).

#### ***Nuclear installations***

- 2004 Regulations on Procedural Requirements for the Construction of Radiation Facilities (NLB 74, p. 52).

### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1996 Regulation concerning Licences for Activities with Radioactive Substances and Other Ionising Radiation Sources (NLB 57, p. 81; NLB 59, p. 55). 1998 Amendment (NLB 61, p. 79).
- 1997 Basic Regulations for Protection against Ionising Radiation (NLB 57, p. 80; NLB 59, p. 56).
- 1998 Regulations on the Control of Radioactive Contamination in Food Products (NLB 62, p. 68).
- 1999 Regulations on the Control of Radioactive Contamination in Animal Feeding Products (NLB 64, p. 58).
- 2001 Regulations on the Procedure for Control and Accounting of Exposure of Workers (NLB 70, p. 49).
- 2001 Regulations on Medical Contraindications for Practices Involving Ionising Radiation Sources (NLB 70, p. 49).
- 2001 Regulations on the Procedure for Packaging and Marking of Ionising Radiation Sources (NLB 70, p. 52).
- 2002 Regulations on Protection against Ionising Radiation (NLB 70, p. 50).
- 2002 Regulations on Protection against Ionising Radiation in Relation to Medical Exposure (NLB 69, p. 81).
- 2002 Regulations on the Procedure for the Dismantling of Ionising Radiation Equipment which does not Contain Radioactive Substances (NLB 70, p. 50).
- 2003 Regulations on the Requirements for Emergency Preparedness and Response (NLB 72, p. 52).
- 2004 Regulations on Procedural Requirements for the Construction of Radiation Facilities (NLB 74, p. 52).
- 2005 Regulations on Radiometric Control of Goods and Vehicles on the State Border (NLB 78, p. 47).
- 2006 Amendment of the 2001 Regulations on the Procedure for the Issue of a Special Permit (Licence) (NLB 78, p. 47).
- 2006 Amendment of the 2001 Regulations on the Procedure for Packaging and Marking of Ionising Radiation Sources (NLB 78, p. 48).
- 2006 Amendment of the 2001 Regulations on Activities Involving Ionising Radiation Sources which Do Not Require a Special Permit (Licence) or Permit (NLB 78, p. 48).

### ***Nuclear trade (including non-proliferation)***

- 1997-1998 Regulations regarding Control of Strategic Goods and Import of Radioactive Substances (NLB 61, p. 79). Repealed and replaced by the 2004 Act on Circulation of Strategic Goods (NLB 74, p. 52).

**Organisation and structure**

- 1994 List of competent bodies in the nuclear field (NLB 55, p. 36).
- 2001 Establishment of the Radiation Safety Centre (NLB 69, p. 80).
- 2001 Regulations on the Statute of the Radiation Safety Board (NLB 70, p. 47).

**Radioactive materials (including physical protection)**

- 1998 Regulations on the State System of Accounting and Control of Nuclear Materials (NLB 61, p. 78).
- 2001 Regulations on Activities involving Ionising Radiation Source, which do not require a Special Permit (Licence) or Permit (NLB 70, p. 47).
- 2001 Regulations on the State Duty for the Issue of a Special Permit (Licence) or Permit for Activities involving Ionising Radiation Sources (NLB 70, p. 48).
- 2001 Regulations on the Criteria Necessary to Obtain a Special Permit (Licence) or Permit for Activities involving Ionising Radiation Sources (NLB 70, p. 48).
- 2001 Regulations on the Procedure for the Issue of a Special Permit (Licence) or Permit for Activities involving Ionising Radiation Sources and the Procedure for Public Debate on the Establishment of Ionising Radiation Facilities of State Significance or on Essential Modifications thereto (NLB 70, p. 49).
- 2002 Regulations on the Procedure Governing Activities Involving Nuclear Materials, Related Materials and Equipment (NLB 70, p. 51).
- 2002 Regulations on Physical Protection of Ionising Radiation Sources (NLB 72, p. 52).
- 2003 Regulations on the Procedure Governing Activities Involving Nuclear Materials, Related Materials and Equipment (NLB 74, p. 52).

**Radioactive waste management**

- 1999 Regulations on Radioactive Waste Management (NLB 64, p. 58).
- 2002 Regulations on Practices involving Radioactive Waste and Related Materials (NLB 70, p. 51).
- 2002 Regulations on Generic Principles for Exchange of Radioactive Waste (NLB 70, p. 51).

**Transport of radioactive materials**

- 1998 Regulations on the Safe Transport of Radioactive Materials (NLB 62, p. 68).
- 2001 Regulations on Protection against Ionising Radiation during the Transport of Radioactive Materials (NLB 70, p. 52).
- 2002 Regulations on Radiometric Control of Cargo and Goods on the State Border (NLB 70, p. 52).

## Agreements

- 1993 Agreement with Germany on Environmental Protection (NLB 52, p. 80).
- 2001 Agreement with Ukraine on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 69, p. 101).
- 2002 Agreement with Lithuania on Co-operation in Radiation Safety (NLB 70, p. 65).
- 2003 Agreement with Estonia on Co-operation in Radiation Safety (NLB 72, p. 69).

## Lebanon

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1983 Decree on the Use of Ionising Radiation and Protection against its Effects (NLB 36, p. 16).

## Libya

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1982 Act on Regulating the Use of and Protection against Ionising Radiation (NLB 39, p. 19).

## Agreements

- 2008 Agreement with France on, inter alia, the Generation of Electricity, Water Desalination, Exploration of Uranium, Investment and Training in Nuclear Energy (NLB 82, p. 199).
- 2008 Agreement with France for the Training of Engineers and Exchange of Nuclear Expertise (NLB 82, p. 200).
- 2009 Memorandum of Understanding with Canada Co-operation in the Peaceful Use of Nuclear Energy (NLB 84, p. 193).

## Lithuania

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1996 Law on Nuclear Energy (NLB 59, p. 56). The text of the Law is reproduced in the **Supplement to NLB 60**. 2001 Amendments (NLB 69, pp. 82 and 83).
- 2007 Law on the Nuclear Power Plant (NLB 80, p. 75).
- 2008 Amendment to the Law on the Nuclear Power Plant (NLB 81, p. 108).
- 2011 Law on Nuclear Energy (NLB 88, p. 88). 2011 Amendment (NLB 89, p. 124).
- 2012 Law on Nuclear Power Plant No. X-1231 establishes conditions for the implementation of the new Visaginas nuclear power plant project in Lithuania (NLB 90, p. 124).
- 2012 Law on Granting the Concession and Assuming the Essential Property Obligations of the Republic of Lithuania in Visaginas Nuclear Power Plant Project No. XI-2085 (NLB 90, p. 125).
- 2012 Law on Enterprises and Facilities of Strategic Importance to National Security and other Enterprises of Importance to Ensuring National Security No. XI-2087 (NLB 90, p. 125).
- 2015 Revised rules of procedure for drafting nuclear safety requirements and rules (NLB 95, p. 77).
- 2017 Amendments to the Law on Nuclear Energy (NLB 100, p. 93).
- 2017 Amendments to the Law on Nuclear Safety (NLB 100, p. 94).
- 2017 Transposition of Euratom Amended Nuclear Safety Directive (NLB 100, p. 94).

#### **Licensing and regulatory infrastructure**

- 2012 Rules for Issuing Licenses and Permits for Activities in Nuclear Energy approved by Resolution No. 722 (NLB 90, p. 125).
- 2014 New requirements for management of construction of nuclear facilities (NLB 93, p. 106).
- 2016 Order amending Order “on the Approval of Nuclear Safety Requirements BSR-1.4.1-2010 ‘Management System Requirements’” (NLB 97, p. 86).
- 2016 Enforcement measures (NLB 98, p. 76).
- 2018 Amended rules on the issuance of licences and permits (NLB 101, p. 84).

#### **Nuclear installations**

- 1998 Regulations on Licensing of Nuclear Activities (NLB 61, p. 79).

- 2000 Law on the Decommissioning of Unit 1 at Ignalina NPP (NLB 66, p. 45). 2001 Resolution Approving the Decommissioning Programme for Unit 1, Ignalina NPP (NLB 67, p. 41).
- 2001 Law on the Decommissioning Fund for the Ignalina Nuclear Power Plant (NLB 68, p. 63).
- 2012 Resolution No. 83 on the approval of rules of procedure of the assessment of the nuclear power plant's site evaluation report (NLB 89, p. 124).
- 2017 Free release criteria of buildings and site of nuclear facilities (NLB 99, p. 83).
- 2017 Management systems (NLB 99, p. 83).
- 2017 Nuclear safety requirements for technical specification of nuclear facilities (NLB 100, p. 96).
- 2017 Amendment to the requirements for modifications of nuclear facilities (NLB 100, p. 96).
- 2017 New requirements for managing human resources (NLB 100, p. 97).
- 2017 Amendment of nuclear safety requirements regarding programme on safety improvement measures (NLB 100, p. 97).
- 2017 Amendment to the nuclear safety requirements for inspections (NLB 100, p. 97).
- 2018 Amendments of Nuclear Safety Requirements regarding lifting and handling equipment (NLB 101, p. 84).
- 2018 Amended Rules for Site Evaluation (NLB 101, p. 85).

***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1999 Law on Radiation Protection (NLB 63, p. 76). The text of the Law is reproduced in the **Supplement to NLB 64**.
- 2001 Regulations for the Classification of Legal Acts Regulating Nuclear Safety (NLB 68, p. 63).
- 2001 Hygiene Standard "Radiation Safety in Nuclear Power Plants" (NLB 68, p. 63).
- 2001 Guidelines governing the Procedure on Radiological Monitoring and Limitation of Releases of Radionuclides into the Environment from Nuclear Facilities (NLB 68, p. 63).
- 2001 Hygiene Standard on General Norms of Radiation Safety (NLB 69, p. 83).
- 2001 Order on Certification of Persons Responsible for Radiation Safety Training of Workers (NLB 69, p. 83).
- 2010 Nuclear Safety Requirements BSR-2.1.3-2010 (NLB 89, p. 124).
- 2011 Amendment to Law on Radiation Protection (NLB 88, p. 88; NLB 89, p. 124).

- 2011 Nuclear Safety Requirements BSR-1.8.2-2011 (NLB 89, p. 124); BSR-2.1.4-2011, BSR-1.9.1-2011, BSR-1.9.2-2011 and BSR-1.9.3-2011 (NLB 89, p. 125); BSR-1.1.3-2011, BSR-1.1.4-2011 (NLB 89, p. 126).
- 2011 Law on Nuclear Safety (NLB 88, p. 89; NLB 89, p. 124).
- 2014 New requirements for fire safety (NLB 94, p. 127).
- 2015 Revised requirements for modifications (NLB 96, p. 84).
- 2015 Plan for enhancement of nuclear safety (NLB 96, p. 85).
- 2015 New requirements for the commissioning of nuclear power plants (NLB 96, p. 85).
- 2015 Revised requirements regulating the provision of information on abnormal events (NLB 96, p. 85).
- 2016 Order amending Order approving “Nuclear Safety Requirements BSR-1.1.3-2011 ‘Inspections Conducted by the State Nuclear Power Safety Inspectorate’” (NLB 97, p. 87).
- 2016 Amendments to the Law on Radiation Protection (NLB 98, p. 74).
- 2017 Amended requirements for release of radionuclides (NLB 100, p. 96).
- 2018 Transposition of the Euratom Basic Safety Standards (NLB 101, p. 82; NLB 102, p. 92).
- 2018 Nuclear Safety Requirements for Ageing Management (NLB 101, p. 83).
- 2018 Amendments of Nuclear Safety Requirements regarding Safety Improvement Measures and Periodic Safety Analysis (NLB 101, p. 83).
- 2019 Requirements for operating experience (NLB 103, p. 56).
- 2019 Requirements for Maintenance, Surveillance and In-service Inspections of Nuclear Facilities (NLB 103, p. 56).
- 2020 Rules for free release criteria of buildings, engineering structures and site of nuclear facilities (NLB 104, p. 17).
- 2020 New requirements for lifting equipment (NLB 104, p. 17).

### **Nuclear security**

- 2012 Resolution on the approval of rules of procedure of the development and review of the design basis threat and submission of information to state power safety inspectorate (NLB 89, p. 126).
- 2012 Nuclear Safety Requirements on Physical Protection of Nuclear Facilities, Nuclear Material and Nuclear Fuel Cycle Material (NLB 90, p. 125).
- 2012 Nuclear Safety Rules BST-1.6.1-2012 Preparation of the Security Plan (NLB 90, p. 126).
- 2015 Revised requirements for physical protection (NLB 96, p. 85).

- 2016 Physical security of sources of ionising radiation (NLB 98, p. 75).
- 2017 Cyber security requirements (NLB 99, p. 83).
- 2020 New version of physical security requirements (NLB 104, p. 18).

#### **Organisation and structure**

- 1997 Decree establishing the Board of State Nuclear Power Safety Inspectorate (VATESI) (NLB 61, p. 80).

#### **Radioactive materials (including physical protection)**

- 2014 Requirements for nuclear material accounting and control (NLB 94, p. 126).

#### **Radioactive waste management**

- 1999 Law on the Management of Radioactive Waste (NLB 64, p. 59). The text of the Law is reproduced in the **Supplement to NLB 64**.
- 2001 Order approving the Requirements on Management of Radioactive Waste in Nuclear Power Plants before Disposal (NLB 68, p. 64).
- 2002 Resolution approving the Strategy on Radioactive Waste Management and the Programme of Activities of the Radioactive Waste Management Agency for 2002-2004 (NLB 69, p. 84).
- 2011 Amendment to the Law on Radioactive Waste Management (NLB 88, p. 88; NLB 89, p. 124).
- 2012 Amendments to the Rules of Procedure of Submission of Data on Activities Involving Radioactive Waste Disposal to the European Commission (NLB 90, p. 126).
- 2015 Revised requirements for acceptance criteria for near surface repository (NLB 96, p. 85).
- 2016 Order approving “Nuclear Safety Requirements BSR-1.5.1-2015 ‘Decommissioning of Nuclear Facilities’” (NLB 97, p. 87).
- 2016 Nuclear Safety Requirements on Management of Spent Nuclear Fuel at Storage Facility of the Dry Type (NLB 98, p. 76).
- 2017 Safety of radioactive waste repositories (NLB 99, p. 84).
- 2017 Amendment to the requirements for pre-disposal management of radioactive waste at nuclear facilities (NLB 100, p. 97).
- 2018 Amendments to the Law on the Management of Radioactive Waste (NLB 101, p. 84).

#### **Transport of radioactive material**

- 2015 Amendment of requirements for shipment of radioactive material, radioactive waste and spent nuclear fuel (NLB 95, p. 78).
- 2019 Requirements for licensing of transport activities (NLB 103, p. 56).

## Agreements

- 1993 Agreement with Germany on Environmental Protection (NLB 52, p. 80).
- 1993 Agreement with Denmark on Co-operation in Nuclear Safety (NLB 55, p. 53).
- 1995 Agreement with Poland on Early Notification and Co-operation on Nuclear Safety and Radiation Protection (NLB 56, p. 101).
- 1996 Agreement with Germany on Mutual Assistance in the Case of a Disaster (NLB 57, p. 91).
- 1997 Protocol of Co-operation with France (NLB 61, p. 99).
- 2000 Framework Agreements with Sweden for Co-operation in the Field of Nuclear Safety (NLB 65, p. 64).
- 2002 Agreement with Latvia on Co-operation in Radiation Safety (NLB 70, p. 65).
- 2010 Agreement with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).
- 2011 Amendment of the Law on the Implementation of the Law on the National Language of the Republic of Lithuania (NLB 88, p. 88).

## Luxembourg

### Legislative and regulatory activities

#### **Food irradiation**

- 2000 Grand-ducal Regulations relating to Foods and Food Ingredients Treated with Ionising Radiation (NLB 67, p. 44).

#### **Liability and compensation**

- 2020 Law on third party liability for nuclear damage (NLB 105, p. 97). The text of the Law is reproduced in **NLB 105, p. 109**.

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1963 Act on the Protection of the Public against the Hazards of Ionising Radiation. 1967 Implementing Regulations (NLB 1, p. 15). Repealed and replaced by 1990 Grand-ducal Regulations on the same subject (NLB 48, p. 46). 1994 and 1996 Amendments (NLB 55, p. 37; NLB 60, p. 88). Repealed and replaced by 2000 Grand-ducal Regulations on the Protection of the Public against the Risks Resulting from Ionising Radiations (NLB 67, p. 41).
- 1983 Act concerning the Medical Use of Ionising Radiation (NLB 34, p. 20). 1987 Implementing Regulations (NLB 41, p. 16). Repealed and replaced by 2001

Grand-ducal Regulations relating to the Health Protection of Individuals against the Dangers of Ionising Radiation in relation to Medical Exposures (NLB 68, p. 64).

- 2006 Grand-ducal Regulations on the Protection of the Public Against the Risks Resulting from Ionising Radiation (NLB 80, p. 77).
- 2006 Law on Approving the Agreement Between Luxembourg and Belgium Relating to Information Exchange in the Event of an Incident or Accident (NLB 80, p. 77).
- 2013 Transposition of Council Directive 2011/70/Euratom establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste (NLB 92, p. 106).
- 2016 Decree of 16 December 2015 transposing Euratom Council Directive on the protection of the health of the general public with regard to radioactive substances in water intended for human consumption into national law (NLB 97, p. 88).
- 2019 Transposition of the Euratom Basic Safety Standards Directive (NLB 103, p. 57).

#### ***Nuclear trade (including non-proliferation)***

- 1994 Regulations Prohibiting Use and Trade in Smoke Detectors containing Radioelements (NLB 55, p. 37). Repealed and replaced by 2000 Regulations (NLB 67, p. 41).
- 2000 Provision on nuclear energy import ban in the Law on the Liberalisation of the Electricity Market (NLB 66, p. 46).
- 2001 Law approving an Additional Protocol on the Strengthening of Non-Proliferation of Nuclear Weapons in order to Detect Clandestine Nuclear Activities (NLB 69, p. 84).

#### ***Radioactive waste management***

- 2016 Agreement between the Grand Duchy of Luxembourg and the Kingdom of Belgium on the Management and Final Disposal of the Radioactive Waste of the Grand Duchy of Luxembourg on the Territory of the Kingdom of Belgium (NLB 98, p. 77).

#### **Agreements**

- 1962 Agreement with France on Mutual Assistance between their Respective Fire Brigades and Rescue Services. 1988 Addendum (NLB 43, p. 92).
- 1978 Agreement with the Federal Republic of Germany on Mutual Assistance in the Event of Catastrophes and Grave Disasters (NLB 28, p. 43).
- 1983 Agreement with France on Exchange of Information in Case of Radiological Emergencies (NLB 34, p. 42).

## Madagascar

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1993 Radiation Protection Regulations (NLB 53, p. 85).
- 1993 Decree on Protection against Ionising Radiation (NLB 54, p. 51).
- 1998 Act on Radiation Protection and Radioactive Waste Management (NLB 62, p. 68).

#### ***Organisation and structure***

- 1992 Decree on Creation of the National Institute for Nuclear Science and Technology (NLB 53, p. 85).

#### ***Transport of radioactive materials***

- 1994 Order on the Transport of Radioactive Materials (NLB 53, p. 86; NLB 55, p. 38).

## Malaysia

### Legislative and regulatory activities

#### ***General legislation, regulations and instruments***

- 1984 Atomic Energy Licensing Act (NLB 34, p. 21).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1974 Radiation Protection Rules (NLB 22, p. 17).

### Agreements

- 2010 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Power (NLB 86, p. 93).

## Mauritius

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1992 Radiation Protection Act (NLB 52, p. 59). Repealed and replaced by the 2003 Radiation Protection Act (NLB 74, p. 53).

## Mexico

### Legislative and regulatory activities

#### ***Environmental protection***

- 1988 Act on Ecological Balance and Environmental Protection (NLB 42, p. 23).

#### ***Food irradiation***

- 1995 Rules setting Maximum Radionuclide Contamination Limits for Imported Foodstuffs (NLB 56, p. 89).

#### ***General legislation, regulations and instruments***

- 1984 Act on the Administration and Control of Nuclear Energy (NLB 35, p. 17).

#### ***Liability and compensation***

- 1974 Act on Third Party Liability for Nuclear Damage (NLB 15, p. 13).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1984 Radiological Safety Regulations (NLB 38, p. 26). Repealed and replaced in 1988 (NLB 43, p. 74).
- 1988 Implementing Regulation to the General Act on Health Protection (NLB 42, p. 21).
- 1991 Amendments to the General Act on Health Protection (NLB 49, p. 57). 1997 Amendments (NLB 60, p. 88).
- 1988 Technical Guidelines on Radiological Safety in Establishments for Diagnosis and Treatment (NLB 42, p. 22).
- 1991 Guidelines related to Health and Safety at Work in Premises where Sources of Ionising Radiation are Used (NLB 47, p. 51). Replaced in 1994 (NLB 54, p. 52).
- 1997 Federal Regulation relating to Safety, Health and the Environment in the Workplace (NLB 59, p. 57).

- 2000 Norm regarding Selection, Qualification and Training Requirements for Staff of a NPP (NLB 67, p. 44).

#### ***Nuclear trade (including non-proliferation)***

- 1986 Decree on Import and Export of Hazardous Material or Waste (NLB 41, p. 17).
- 1994 Regulations classifying the Articles Subject to Import/Export Licensing (NLB 54, p. 53).

#### ***Organisation and structure***

- 1971 Act setting up the National Institute of Nuclear Energy (NLB 11, p. 22). Replacement of the Institute in 1978 (NLB 22, p. 18).
- 1978 Act Reorganising the Administration and Control of Nuclear Energy (NLB 23, p. 23). The text of the Law is reproduced in the **Supplement to NLB 23**.
- 1993 Regulation on the Ministry of Energy, Mines and State-owned Industries (NLB 52, p. 61).

#### ***Radioactive waste management***

- 1996 Regulations concerning the Determination of Radioactive Levels for Waste Permanently Stored at Surface and for its Incineration (NLB 58, p. 92).
- 2000 Norm regarding Solid Residue as Radioactive Waste (NLB 67, p. 45).
- 2001 Official Norm on Installations for the Treatment and Conditioning of Nuclear Waste (NLB 69, p. 85).

#### ***Transport of radioactive materials***

- 1993 Regulations for the Land Transport of Dangerous Materials and Wastes (NLB 54, p. 53). 1995 Implementing Rules (NLB 56, p. 88).

#### ***Agreements***

- 1990 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Science and Technology (NLB 47, p. 73).
- 1992 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy and Nuclear Transfers (NLB 52, p. 76).
- 1994 Agreement with Canada on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 56, p. 99).
- 1997 Arrangement with the United States for the Exchange of Technical Information and Co-operation in Nuclear Safety and Research Matters (NLB 59, p. 68).

## Moldova

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 2009 Latest legislative activities (NLB 83, p. 103).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 2006 Law on the Safe Deployment of Nuclear and Radiological Activities (NLB 78, p. 48).
- 2012 Law no. 132 on the safe development of nuclear and radiological activities (NLB 91, p. 123).
- 2014 Revisions to regulations related to registration of authorised individuals and legal entities regarding sources of ionising radiation (NLB 93, p. 106).

#### **Radioactive materials (including physical protection)**

- 1999 Law on Licensing of Certain Activities (NLB 65, p. 48).
- 2012 Ratification of the Additional Protocol to Safeguards Agreement between the Republic of Moldova and the IAEA on the application of safeguards in relation to the Nuclear Non-Proliferation Treaty signed 2011 (NLB 89, p. 127).

## Mongolia

### Legislative and regulatory activities

#### **Nuclear trade (including non-proliferation)**

- 2000 Law on Nuclear-Weapons-Free Status and its 2000 Implementing Resolution (NLB 67, p. 45).

#### **Agreements**

- 2008 Agreement with the Russian Federation on the Production of Mongolian Uranium (NLB 82, p. 200).
- 2009 Memorandum of Understanding with the Russian Federation on the Training of Nuclear Specialists (NLB 83, p. 141).
- 2009 Agreement with the Russian Federation to Set Up a Joint Venture in the Field of Uranium Mining (NLB 84, p. 193).

## Montenegro

### Legislative and regulatory activities

#### *Environmental protection*

- 2008 Law on the Environment (NLB 82, p. 125).

## Morocco

### Legislative and regulatory activities

#### *Liability and compensation*

- 2005 Act on Civil Liability for Nuclear Damage (NLB 75, p. 118). The text of the Act is reproduced in **NLB 75, p. 141**.
- 2006 Decree Granting a State Guarantee to CNESTEN (NLB 78, p. 51).

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1971 Act on Protection against Ionising Radiation. 1997 Implementing Decree (NLB 61, p. 80).
- 1997 Decree on the Use of Ionising Radiation for Medical or Dental Purposes (NLB 61, p. 81).

#### *Organisation and structure*

- 1992 Draft Decree setting up a National Nuclear Energy Council (NLB 51, p. 66).
- 1999 Decree on the Construction Licence for the Maâmora Nuclear Research Centre (NLB 68, p. 66).

### Agreements

- 1980 Co-operation Agreement with the United States on the Peaceful Uses of Nuclear Energy. 2001 Amending Protocol (NLB 68, p. 82).
- 2008 Agreement with France for Training of Engineers and Exchange of Nuclear Expertise (NLB 82, p. 200).
- 2009 Agreement with the United States on Co-operation to Improve Efforts to Counter Nuclear and Radiological Terrorism and Promote International Nuclear and Environmental Safety and Security (NLB 84, p. 193).
- 2010 Agreement with France on Co-operation on Civil Nuclear Power (NLB 86, p. 93).

- 2022 Memorandum of Understanding between the Nuclear Regulatory Authority of the Slovak Republic and the Moroccan Agency for Nuclear and Radiological Safety and Security for the Exchange of Technical Information and Cooperation in the Field of Regulation of the Safe Use of Nuclear Energy for Peaceful Purposes (NLB 108/109, p. 112).

## Myanmar

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1998 Atomic Energy Law (NLB 65, p. 49).

## Netherlands

### Legislative and regulatory activities

#### *Environmental protection*

- 1979 Environmental Protection Act (NLB 28, p. 21).

#### *General legislation, regulations and instruments*

- 1963 Nuclear Energy Act and Implementing Regulations (NLB 3, p. 7; NLB 4, p. 11; NLB 5, p. 12; NLB 8, p. 12). Amended by 1979 Environmental Protection Act (NLB 28, p. 21). 1992 and 2000 Amendments (NLB 54, p. 53; NLB 67, p. 46). 1999 Royal Decree on the Transfer of Responsibility for the Implementation of the Nuclear Energy Act (NLB 64, p. 60).
- 1969 Nuclear Installations, Fissionable Materials and Ores Decree. 1972 Amendment (NLB 10, p. 12). The text of the Decree is reproduced in the **Supplement to NLB 10**.

#### *Liability and compensation*

- 1968 Signature of the 1962 Brussels Convention on Third Party Liability of Operators of Nuclear Ships (NLB 3, p. 34). 1974 Ratification (NLB 13, p. 32).
- 1968 Order and 1969 Act extending the Third Party Liability of Nuclear Operators (NLB 3, p. 9; NLB 5, p. 14).
- 1973 Act on the Liability of Operators of Nuclear Ships (NLB 7, p. 22; NLB 13, p. 10). The text of the Bill is reproduced in the **Supplement to NLB 7**.

- 1976 Order on Financial Security (NLB 17, p. 15).
- 1979 Act approving the Paris and Brussels Conventions (NLB 18, p. 29; NLB 24, p. 11).
- 1979 Act on Nuclear Third Party Liability (NLB 18, p. 29; NLB 24, p. 12). The text of the Act is reproduced in the **Supplement to NLB 24**. 1984 and 1987 General Administrative Orders to increase the liability amount (NLB 34, p. 22; NLB 40, p. 15). 1991 Amendment of the Act (NLB 48, p. 48). The text of the Act as amended is reproduced in the **Supplement to NLB 49**. 1993 and 1997 Royal Decrees to increase the liability amount (NLB 53, p. 87; NLB 61, p. 81).
- 1991 and 1992 Decisions on Liability Amounts for Low Risk Nuclear Installations (NLB 50, p. 66).

### **Nuclear installations**

- 2006 Covenant Between the Government and the Borssele Operator Concerning the Life Extension (NLB 79, p. 66).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1969 Radioactive Materials Decree and 1969 Devices Decree. 1971 and 1981 Amendments (NLB 8, p. 13; NLB 30, p. 13).
- 1973 Decree on the Use of Radioactive Luminous Paint on Timepieces (NLB 17, p. 14).
- 1986 Decree on Radiation Protection (NLB 41, p. 18). 1988 and 1996 Amendments (NLB 45, p. 62; NLB 58, p. 93).

### **Nuclear-powered ships**

- 1968 Signature of the 1962 Brussels Convention on Third Party Liability of Operators of Nuclear Ships (NLB 3, p. 34). 1974 Ratification (NLB 13, p. 32).
- 1973 Act on the Liability of Operators of Nuclear Ships (NLB 7, p. 22; NLB 13, p. 10). The text of the Bill is reproduced in the **Supplement to NLB 7**.

### **Organisation and structure**

- 1976 Establishment of the Netherlands Energy Research Foundation (NLB 18, p. 40).
- 1992 Amendment of Nuclear Energy Act concerning the Reactor Safety Commission (NLB 54, p. 53).
- 1999 Royal Decree on the Transfer of Responsibility for the Implementation of the Nuclear Energy Act (NLB 64, p. 60).
- 2000 Transfer of Nuclear Safety Department to Ministry for Housing, Regional Development and the Environment (NLB 66, p. 46).
- 2002 Establishment of new General Inspectorate for Housing, Spatial Planning and the Environment (NLB 69, p. 85).

### **Transport of radioactive materials**

- 1969 Fissionable Materials, Ores and Radioactive Materials Decree (NLB 6, p. 16). 1987 Amendment (NLB 40, p. 14).

### **Case law**

- 1981 Ruling on Dumping of Radioactive Waste at Sea (NLB 28, p. 29).
- 1982 Decisions on Radioactive Waste Sea Dumping Operations (NLB 30, p. 22).
- 1999 and 2000 Decisions of the Council of State rejecting licences for storage and transport of nuclear fuel (NLB 65, p. 24; NLB 66, p. 29).
- 2000 Decisions invalidating the limitation in time of the operating licence of the Borssele Plant (NLB 65, p. 23; NLB 66, p. 31). 2001 Decision of the Den Bosch Court in a new case on closure of the Borssele NPP (NLB 68, p. 49).

### **Administrative decisions**

- 2002 Governmental decision not to appeal court ruling on the continued operation of the Borssele NPP (NLB 71, p. 56).

### **Agreements**

- 1968 Agreement with the Federal Republic of Germany on the Use of the Dutch Coastal Waters and Ports by the N.S. Otto Hahn (NLB 2, p. 40; NLB 3, p. 33; NLB 4, p. 25). The text of the Agreement is reproduced in **NLB 3, p. 50**.
- 1970 Agreement with the Federal Republic of Germany and the United Kingdom on Collaboration in the Development and Exploitation of the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 37; NLB 8, p. 34). The text of the Agreement is reproduced in **NLB 6, p. 41**.
- 1977 Memorandum of Understanding with the Federal Republic of Germany on Nuclear Installations near Border Areas (NLB 22, p. 35).
- 1984 Agreement with Belgium on Mutual Assistance in the Event of Catastrophes and Accidents (NLB 42, p. 49).
- 1987 Agreement with Belgium on Co-operation in Nuclear Safety (NLB 41, p. 42).
- 1988 Agreement with the Federal Republic of Germany on Mutual Assistance in the Event of Catastrophes (NLB 51, p. 85).
- 1990 Memorandum of Understanding with Belgium on Early Notification of a Nuclear Accident and Exchange of Information on the Operation of Nuclear Installations (NLB 49, p. 72).

## New Zealand

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1956 Health Act. 1971 Amendment (NLB 12, p. 10).
- 1965 Radiation Protection Act. 1974 Amendment (NLB 15, p. 14). 1973 Implementing Regulations, amended in 1974, and 1974 Regulations (NLB 12, p. 10; NLB 16, p. 18). Repeal and replacement of the 1973 Regulations in 1982 (NLB 31, p. 11).
- 2005 Consolidated Edition of the 1965 Radiation Protection Act (NLB 79, p. 67).

#### ***Transport of radioactive materials***

- 1973 Regulations on the Transport of Radioactive Materials (NLB 12, p. 13; NLB 15, p. 14). Repealed in 1982 (NLB 31, p. 11).

### Agreements

- 1999 Agreement with Australia concerning the Transfer of Uranium (NLB 66, p. 60).

## Nicaragua

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1993 Act on Protection against Ionising Radiation (NLB 54, p. 54).

## Nigeria

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 2003 Basic Ionising Radiation Regulations (NLB 74, p. 54).

#### ***Organisation and structure***

- 1976 Decree on the Nigerian Atomic Energy Commission (NLB 18, p. 29).

## Agreements

- 2009 Memorandum of Understanding with the Russian Federation on Co-operation in the Peaceful Use of Nuclear Energy. (NLB 83, p. 141).
- 2009 Agreement with the Russian Federation on Co-operation in the Peaceful Use of Nuclear Energy. (NLB 84, p. 193).

## Republic of North Macedonia

### Legislative and regulatory activities

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 2002 Law on Protection against Ionising Radiation and Radiation Safety (NLB 71, p. 72).

## Norway

### Legislative and regulatory activities

#### *Environmental protection*

- 1981 Pollution Control Act (NLB 27, p. 12).

#### *General legislation, regulations and instruments*

- 1972 Atomic Energy Act (NLB 1, p. 17; NLB 3, p. 9; NLB 6, p. 22; NLB 8, p. 14; NLB 9, p. 22; NLB 10, p. 13; NLB 12, p. 11). The text of the Bill is reproduced in the **Supplement to NLB 1**. The text of the Act is reproduced in the **Supplement to NLB 11**. The consolidated text of the Act, as amended in 1985, is reproduced in the **Supplement to NLB 41**. 1992 Amendment (NLB 51, p. 70).

#### *Liability and compensation*

- 1972 Atomic Energy Act. 1985 Amendment (NLB 38, p. 31; NLB 40, p. 16; NLB 41, p. 18).
- 1973 Ratification of the Paris Convention and the Brussels Supplementary Convention (NLB 12, p. 24). 1986 Ratification of 1982 Protocols to amend the Conventions (NLB 37, p. 46).
- 1985 Regulations on Exclusion of Certain Kinds or Quantities of Nuclear Substances (NLB 38, p. 32).

**Nuclear installations**

- 1967 Act on Patents (NLB 3, pp. 10 and 13).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1976 Regulations on Supervision and Use of Installations, Apparatus, Material and Substances Emitting Ionising or Other Radiation Hazardous to Health (NLB 21, p. 21). The text of the Regulations is reproduced in **NLB 21, p. 21**.
- 1978 Regulations on Protective Measures during Work involving Ionising Radiation (NLB 24, p. 13). Repealed and replaced in 1985 (NLB 38, p. 30).
- 1979 Royal Decree concerning the Qualifications Required to Use X-ray Devices for Medical Purposes (NLB 25, p. 20).
- 1981 Radiation Protection Regulations (NLB 27, p. 12).
- 1988 Guidelines on Radon Measurements in Dwellings (NLB 47, p. 51).
- 2000 Act on Radiation Protection and Use of Radiation (NLB 67, p. 46). The text of the Act is reproduced in the **Supplement to NLB 68**. 2003 Implementing Regulations (NLB 75, p. 119).
- 2005 Amendments to the Act on Radiation Protection and Use of Radiation (NLB 78, p. 51).

**Nuclear trade (including non-proliferation)**

- 1989 Regulations relating to Control of the Export of Strategic Goods, Services and Technology (NLB 44, p. 41).
- 1989 Royal Decree relating to the Export of Heavy Water (NLB 44, p. 41). 1992 Amendment (NLB 50, p. 67).
- 1989 Royal Decree regarding Imports of Nuclear Material (NLB 45, p. 63).

**Organisation and structure**

- 1973 Regulations concerning the Organisation and Functions of the Nuclear Safety Authority (NLB 13, p. 11). The text of the Regulations is reproduced in **NLB 13, p. 36**.
- 1976 Royal Decree creating a Committee for Appraisal of the Safety of Nuclear Power Stations (NLB 17, p. 15).
- 1990 Royal Decree extending the Authority of the Institute for Energy Technology regarding Nuclear Reactors (NLB 46, p. 69).

**Radioactive materials (including physical protection)**

- 1983 Regulations on Production, Import and Sale of Radioisotopes (NLB 32, p. 10).
- 1984 Royal Decree implementing Regulations for the Physical Protection of Nuclear Material (NLB 35, p. 21). 1989 Amendment (NLB 44, p. 41).

- 1985 Act amending the Penal Code to include provisions with reference to physical protection of nuclear materials (NLB 38, p. 30).
- 1986 Regulations on the Use of Radioactive Sources on Drilling Platforms (NLB 38, p. 31).

#### **Transport of radioactive materials**

- 1974 Regulations concerning the Carriage of Dangerous Substances by Civilian Aircraft (NLB 13, p. 11).
- 1979 Royal Decree adopting the Provisions of the European Agreement concerning the International Carriage of Dangerous Goods by Road for Domestic Transport (NLB 25, p. 43).
- 1989 Royal Decree laying down Regulations on the Land Transport of Dangerous Goods (NLB 45, p. 63).

#### **Case law**

- 1973 Court Decision concerning compensation for injury sustained during the course of work involving ionising radiation (NLB 13, p. 20).
- 1975 Decisions on liability for damage caused by medical X-ray treatment (NLB 19, p. 18).

#### **Agreements**

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 33). The text of the Guidelines is reproduced in **NLB 19, p. 38**.
- 1983 Co-operation Agreement with the United States in the Field of Peaceful Uses of Nuclear Energy (NLB 33, p. 35).
- 1986 Agreement with Sweden on the Exchange of Information and Early Notification in Case of a Nuclear Accident or Radiological Emergency (NLB 39, p. 35).
- 1987 Agreement with Finland on the Exchange of Information and Early Notification in Case of a Nuclear Accident or Radiological Emergency (NLB 39, p. 35).
- 1988 Agreement with the Federal Republic of Germany on Nuclear Safety and Radiation Protection (NLB 43, p. 93).
- 1992 and 1993 Agreements with the Russian Federation on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Installations and on the Environment (NLB 52, p. 80).
- 1994 Agreement with the Ukraine on Early Notification and Information Exchange (NLB 54, p. 67).

- 1996 Declaration with the Russian Federation and the United States on Arctic Military Environmental Co-operation (NLB 58, p. 107). Accession of the United Kingdom in 2003 (NLB 72, p. 72).
- 1998 Agreement with the Russian Federation on Environmental Co-operation in connection with the Dismantling of Russian Nuclear Power Submarines (NLB 62, p. 85).

## **Pakistan**

### **Legislative and regulatory activities**

#### ***Organisation and structure***

- 2001 Pakistan Nuclear Regulatory Authority Ordinance (NLB 67, p. 47).

#### **Agreements**

- 1988 Agreement with India on the Prohibition of Attacks against Nuclear Installations and Facilities (NLB 44, p. 62).

## **Peru**

### **Legislative and regulatory activities**

#### ***Nuclear installations***

- 1980 Regulations on Installations Containing Sources of Ionising Radiation (NLB 32, p. 12).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1980 Radiological Protection Regulations (NLB 32, p. 11).

#### ***Organisation and structure***

- 1977 Decree-Law establishing a Peruvian Institute for Nuclear Energy (NLB 20, p. 13).
- 1980 Resolution establishing the National Nuclear Safety and Radiological Protection Authority (NLB 32, p. 11).

**Radioactive materials (including physical protection)**

- 1980 Decree-Law on Radioactive Ores (NLB 28, p. 22).

**Agreements**

- 1988 Joint Declaration with Argentina on Peaceful Nuclear Co-operation (NLB 43, p. 91).

**Philippines****Legislative and regulatory activities****General legislation, regulations and instruments**

- 1968 Atomic Energy Regulatory and Liability Act (NLB 6, p. 22). 1977 Amendment (NLB 22, p. 19).

**Liability and compensation**

- 1968 Atomic Energy Regulatory and Liability Act (NLB 6, p. 22). 1977 Amendment of the liability provisions of the Act (NLB 22, p. 19).

**Nuclear installations**

- 1974 Regulations for the Licensing of Atomic Energy Facilities (NLB 9, p. 22; NLB 19, p. 8). 1978 and 1979 Amendments (NLB 22, p. 18; NLB 29, p. 23).
- 1977 Rules of Procedure for the Licensing of Atomic Energy Facilities (NLB 23, p. 25).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1976 Memorandum on Basic Radiation Protection Standards (NLB 23, p. 24).

**Organisation and structure**

- 1974 Transfer of the Atomic Energy Commission to the Office of the President (NLB 19, p. 8).
- 1978 Presidential Decree concerning the Radiation Health Office (NLB 23, p. 24).
- 1992 Radiological Technology Act (NLB 55, p. 38).

**Radioactive materials (including physical protection)**

- 1971 Regulations for the Treatment and Disposal of Radioactive Waste (NLB 8, p. 14; NLB 9, p. 22).

## Agreements

- 1968 Co-operation Agreement with the United States on the Peaceful Uses of Atomic Energy (NLB 6, p. 38).
- 1970 Draft Agreement for Regional Co-operation on the Peaceful Applications of Atomic Energy with IAEA and Member States from South East Asia, the Pacific and the Far East (NLB 7, p. 37).

## Poland

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1986 Atomic Energy Act (NLB 40, p. 16; NLB 43, p. 75). The text of the Act is reproduced in the **Supplement to NLB 43**. 1994 and 1996 Amendments (NLB 60, p. 89). Repealed and replaced by the 2000 Atomic Energy Act (NLB 67, p. 47). The text of the Act is reproduced in the **Supplement to NLB 68**. 2001 and 2004 Amendments (NLB 69, p. 86; NLB 74, p. 55).
- 1998 New Criminal Code (NLB 63, p. 76).
- 2011 Amendment to the Atomic Law Act (NLB 88, p. 89), consolidated text (NLB 89, p. 127).
- 2012 Regulation of the Council of Ministers on the subsidy granted for nuclear safety and radiological protection in the application of ionising radiation sets out the form of application for certain subsidies (NLB 92, p. 110).
- 2012 Regulation of the Minister of Economy on the detailed rules and conditions for the establishment and operation of Local Information Committees and for the co-operation between the committees and the investors in nuclear power facilities (NLB 92, p. 110).
- 2012 Regulation of the Minister of the Environment on the authorisation for recognition of qualifications for regulated professions acquired in Member States of the European Union (EU), (NLB 92, p. 110).

#### **Liability and compensation**

- 2011 Regulation on guaranteed minimum amount of the compulsory civil liability insurance of the nuclear facility's operator (NLB 89, p. 127).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1988 Order on Dose Limits for Ionising Radiation and Derived Limits Defining their Hazards (NLB 45, p. 64).

- 1997 Regulation designating Occupational Positions for Ensuring Nuclear Safety and Radiation Protection and Staffing Conditions (NLB 61, p. 83).
- 2005 Regulation on National Emergency Preparedness Plans (NLB 75, p. 120).
- 2005 Regulation on Ionising Radiation Dose Limits (NLB 76, p. 80)
- 2005 Regulation on Positions for Ensuring Nuclear Safety and Radiological Protection and on Radiological Protection Inspectors (NLB 76, p. 80).
- 2006 Regulation on Ionising Radiation Sources (NLB 79, p. 67).
- 2007 Regulation on the emergency plans for radiation emergency (NLB 81, p. 109).
- 2007 Regulation on the requirements for controlled and supervised areas (NLB 81, p. 109).
- 2007 Regulation on the requirements for individual dose registration (NLB 81, p. 110).
- 2011 Regulation on psychiatric and psychological tests of employees performing activities important for nuclear safety and radiological protection at the organisational unit conducting activities related to exposure which consist of commissioning, operation or decommissioning of a nuclear power plant (NLB 89, p. 128).
- 2011 Regulation of the Council of Ministers on periodical safety assessment of a nuclear facility (NLB 92, p. 109).
- 2012 Regulation of the Council of Ministers on positions important for nuclear safety and radiological protection and on radiological protection inspectors (NLB 92, p. 107).
- 2012 Regulation of the Council of Ministers on the detailed scope of assessment with regard to land intended for the siting of a nuclear facility, cases excluding land to be considered eligible for the siting of a nuclear facility and on requirements concerning siting report for a nuclear facility (NLB 92, p. 107).
- 2012 Regulation of the Council of Ministers on nuclear safety and radiological protection requirements which must be fulfilled by a nuclear facility design (NLB 92, p. 107).
- 2012 Regulation of the Council of Ministers on activities important for nuclear safety and radiological protection in an organisational unit conducting activity, which consists in commissioning, operations or decommissioning of a nuclear power plant (NLB 92, p. 109).
- 2013 Regulation of the Council of Ministers on requirements for the commissioning and operation of nuclear facilities (NLB 92, p. 108).
- 2013 Regulation of the Council of Ministers on nuclear safety and radiological protection requirements for the stage of decommissioning of nuclear facilities and the content of a report on decommissioning of a nuclear facility (NLB 92, p. 110).

**Nuclear trade (including non-proliferation)**

- 1993 Act on Special Control Rules for Trade in Certain Goods and Technologies (NLB 54, p. 55).
- 1997 Regulation setting Conditions for the Import, Export and Transit of Nuclear Materials, Radiation Sources and Equipment Containing such Sources (NLB 61, p. 82).

**Organisation and structure**

- 2001 Regulations establishing the NAEA Statute and a Council for Atomic Affairs (NLB 69, p. 86).
- 2011 Regulation on the Council for Nuclear Safety and Radiological Protection (NLB 89, p. 128).
- 2016 Amendment of the Atomic Law (NLB 98, p. 78).

**Radioactive materials (including physical protection)**

- 1997 Regulation exempting Certain Activities from Licensing (NLB 61, p. 82).
- 1997 Regulation on the Registration and Monitoring of Ionising Radiation Sources (NLB 61, p. 82).
- 2001 Regulations on the Physical Protection (NLB 69, p. 87).
- 2001 Regulations on the Accountancy of Nuclear Materials (NLB 69, p. 87).

**Radioactive waste management**

- 2007 Regulation on the state owned public utility “Radioactive Waste Management Plant” (NLB 81, p. 110).
- 2012 Regulation of the Council of Ministers on the amount of contributions to cover the costs of spent nuclear fuel and radioactive waste disposal and the costs of nuclear power plant decommissioning (NLB 92, p. 110).

**Transport of radioactive materials**

- 2007 Regulation on import, export and transit of spent nuclear fuel intended for reprocessing or storage (NLB 81, p. 111).
- 2007 Regulation on import, export and transit of nuclear materials, radioactive sources and equipment containing such sources (NLB 81, p. 111).

**Case law**

- 2015 Decision of the Masovian Voivod concerning the legality of the resolution on holding a local referendum in the Commune of Różan regarding a new radioactive waste repository (NLB 96, p. 72).
- 2015 Certain provisions of the Regulation of the Minister of Health of 18 February 2011 on the conditions for safe use of ionising radiation for all types

of medical exposure have been declared unconstitutional by a judgment pronounced by the Constitutional Tribunal (NLB 96, p. 75).

- 2016 Decision of the Masovian Voivod of 28 December 2015 concerning the legality of the resolution on holding a local referendum in the Commune of Różan regarding a new radioactive waste repository (NLB 97, p. 76).

### **Agreements**

- 1987 Agreement with Denmark on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43). The text of the Agreement is reproduced in **NLB 41, p. 49**.
- 1989 Agreement with the Federal Republic of Germany for Co-operation on Research in the Nuclear Field (NLB 46, p. 87).
- 1989 Agreement with Austria on Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 84).
- 1991 Agreement with the European Communities on Establishment of an Association for Assistance in the Nuclear Field (NLB 52, p. 81).
- 1993 Agreement with Ukraine on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Safety and Radiation Protection (NLB 52, p. 81; NLB 53, p. 109).
- 1994 Agreement with Belarus on Early Notification and Information Exchange on Nuclear Safety (NLB 56, p. 97).
- 1995 Agreement with Lithuania on Early Notification and Co-operation on Nuclear Safety and Radiation Protection (NLB 56, p. 101).
- 1995 Agreement with the Russian Federation on Early Notification and Co-operation on Nuclear Safety and Radiation Protection (NLB 56, p. 101).
- 2010 Agreement with the US Nuclear Regulatory Commission on the Exchange of Technical Information (NLB 86, p. 94).

## **Portugal**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 1987 Act on the Environment (NLB 44, p. 42).
- 1990 Decree-Law on Environmental Protection (NLB 46, p. 70).
- 1990 Decree-Law on Environmental Impact Assessments (NLB 47, p. 52).

- 2005 Decree-Law Establishing the Environmental Monitoring System of Radioactivity (NLB 76, p. 81).

#### **Food irradiation**

- 2001 Decree-Law on the Treatment of Food by Ionising Radiation (NLB 70, p. 54).

#### **General legislation, regulations and instruments**

- 2011 Decree-Law No. 72/2011 on physicists qualified in medical physics (NLB 89, p. 130).
- 2012 Decree-Law No. 262, which establishes the obligations of holders of licences for nuclear facilities (NLB 92, p. 111).
- 2017 Newly appointed president of COMRSIN (NLB 100, p. 98).

#### **Liability and compensation**

- 1972 Draft Decree-Law concerning Third Party Liability for Damage of Nuclear or Radioactive Origin (NLB 9, p. 23).
- 1972 and 1977 Decrees approving the Ratification of the Paris Convention (NLB 10, p. 14; NLB 20, p. 31). 1984 Ratification of the 1982 Protocol to amend the Convention (NLB 33, p. 38).
- 1982 Draft Decree-Law on Third Party Liability in the Nuclear Field (NLB 30, p. 14).

#### **Nuclear installations**

- 1969 Decree-Law on the Authorisation of Industrial Nuclear Activities (NLB 6, p. 25). 1972 Implementing Decree (NLB 9, p. 24; NLB 12, p. 12). The text of the Decree is reproduced in **NLB 12, p. 25**.

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1961 Decree-Law on Protection against Ionising Radiation. 1972 Draft Amendment (NLB 9, p. 24).
- 1984 Decree regulating Safety and Radiological Protection in Mines (NLB 34, p. 23).
- 1990 Decree on Protection against Ionising Radiation (NLB 46, p. 70). 1992 Amendment (NLB 50, p. 67).
- 1991 Decree-Law on Medical Products and Apparatus for Human Use (NLB 48, p. 50).
- 1992 Decree on Radiological Protection in Uranium Mining (NLB 51, p. 70).
- 1995 Decree-Law implementing Euratom Health Protection Measures in Case of Radiological Emergencies (NLB 55, p. 40).
- 1996 Decree-Law relating to the Use of Sealed Radioactive Sources (NLB 58, p. 9).

- 2002 Decree-Law on the Protection of the Population against the Dangers of Ionising Radiation (NLB 70, p. 52).
- 2002 Decree-Law on Protection against Ionising Radiation in Relation to Medical Exposure (NLB 70, p. 53).
- 2004 Council Resolution Providing for the Elaboration of a National Plan for Radiation Protection and Nuclear Safety (NLB 74, p. 56).
- 2012 Decree-Law to implement obligations arising from Directive 2009/71/EURATOM (Nuclear Safety Directive), which includes creation of the Regulatory Commission for the Safety of Nuclear Facilities (COMRSIN) as the required independent regulator (NLB 89, p. 131).
- 2014 Ministerial Orders establishing minimum requirements for the licensing and operation of private health units in the fields of nuclear medicine, radiotherapy and radiology (NLB 93, p. 107).
- 2017 Amendment of regime on planning and programming measures for radiological emergencies and nuclear accidents (NLB 100, p. 98).
- 2017 Reinforcing safety, control and decision-making processes (NLB 100, p. 98).
- 2018 New basic safety standards for protection against the dangers arising from exposure to ionising radiation (NLB 103, p. 58).
- 2019 Specification of values, figures and criteria on safety standards for protection against the dangers arising from exposure to ionising radiation (NLB 104, p. 18).

### **Organisation and structure**

- 1958 Decree-Law reorganising the Junta de Energia Nuclear. 1968 Amendment (NLB 2, p. 19; NLB 3, p. 11). 1969 and 1975 Decree-Laws (NLB 6, p. 26; NLB 16, p. 18).
- 1968 Order fixing the Responsibilities regarding Nuclear Installations of the Council of Ministers for Economic Affairs (NLB 3, p. 11).
- 1968 Order setting up a Committee for Nuclear Fuels and Power Stations (NLB 3, p. 10).
- 1977 Decree creating a National Uranium Undertaking (NLB 20, p. 14). 1988 and 1999 Decrees on the National Uranium Undertaking (NLB 44, p. 42; NLB 66, p. 46).
- 1978 Decree on the Reorganisation of Nuclear Activities (NLB 22, p. 20). 1979 Regulatory texts (NLB 24, p. 13).
- 1979 Decree-Law concerning the National Laboratory of Industrial Engineering and Technology (NLB 24, p. 14).
- 1990 Decree-Law designating the Competent Authority for Physical Protection of Nuclear Material (NLB 47, p. 52).
- 1991 Decree-Law reorganising the Nuclear Protection and Safety Bureau (NLB 49, p. 57).

- 1993 Decree reorganising the General Directorate for Energy (NLB 53, p. 87).
- 1993 Decree-Law setting up the General Directorate for the Environment and 1993 Implementing Order (NLB 53, p. 88).
- 1994 Decree-Law setting up the Technology and Nuclear Institute (NLB 55, p. 39).
- 1995 Reorganisation in the nuclear sector (NLB 57, p. 82).
- 1998 Decree-Law setting up the Commission for Radiological Protection and Nuclear Safety (NLB 63, p. 77).
- 2001 Resolution establishing the National Authority for the Comprehensive Nuclear-Test-Ban Treaty (NLB 70, p. 52).
- 2003 Decree-Law approving the Organic Law of Ministry for Towns, Territorial Planning and Environment (NLB 72, p. 52).
- 2004 Decree-Law on the General Directorate for Geology and Energy (NLB 75, p. 120).
- 2005 Decree-Law Setting up the Independent Commission for Radiological Protection and Nuclear Safety (NLB 76, p. 80).
- 2011 Integration of the Nuclear Technological Institute (ITN) into the Technical University of Lisbon Decree-Law No. 125/2011, Articles 31 (4) and 34 (NLB 89, p. 128).
- 2012 Integration of the Nuclear Technological Institute (ITN) into the Technical University of Lisbon Decree-Law No. 29/2012 (NLB 89, p. 128).

#### **Radioactive waste management**

- 1990 Order on Hospital Residues (NLB 46, p. 70).
- 2013 Decree-Law establishing the legal framework for the responsible and safe management of spent fuel and radioactive waste management and transposing Directive 2011/70/Euratom (NLB 93, p. 107).
- 2017 National programme for the management of irradiated fuel and radioactive waste (NLB 100, p. 99).
- 2017 Radioactive substances present in water destined for human consumption (NLB 100, p. 99).

#### **Transport of radioactive materials**

- 1996 Decree-Law on the Transboundary Movement of Radioactive Waste (NLB 58, p. 95).
- 2000 Decree-Law on the Transport of Dangerous Goods by Road (NLB 70, p. 53). Repealed by a 2003 Decree-Law on the same subject (NLB 75, p. 121).
- 2000 Decree-Law on the Transport of Dangerous Goods by Sea (NLB 70, p. 53).

- 2000 Decree-Law on the Transport of Dangerous Goods by Rail (NLB 70, p. 53).

### **Case law**

- 1995 *ENU v. European Commission*: Judgment of the Court of First Instance of the European Communities (NLB 55, p. 23; NLB 56, p. 59).

### **Agreements**

- 1971 Agreement with the Federal Republic of Germany on the Use of Portuguese Waters and Ports by the N.S. Otto Hahn (NLB 7, p. 36; NLB 9, p. 35).
- 1971 Co-operation Agreement with Spain on the Peaceful Uses of Atomic Energy (NLB 8, p. 35).
- 1977 Co-operation with Spain on the Siting of Nuclear Power Plants in Border Areas (NLB 20, p. 32).
- 1980 Agreements with Spain on Co-operation in Nuclear Safety (NLB 25, p. 39).
- 1980 Agreement and Protocol with France on Scientific and Technical Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 37).
- 1981 Agreement with Belgium concerning the Radioactive Waste Dumping Site in the North-East Atlantic (NLB 30, p. 37).
- 1982 Protocol with Spain on Supply and Transfer of Uranium Extraction Technology (NLB 30, p. 37).
- 1985 Accession to CERN (NLB 36, p. 37).

## **Qatar**

### **Agreements**

- 2010 Memorandum of Understanding with the Russian Federation on Co-operation in Civil Nuclear Activities (NLB 86, p. 93).

## Romania

### Legislative and regulatory activities

#### **Environmental protection**

- 2005 Order on the Norms regarding the Release of Radioactive Effluents into the Environment (NLB 76, p. 83).
- 2006 Decision on Procedures for Environmental Impact Assessment (NLB 78, p. 52).
- 2009 General requirements on Environmental Impact Assessment (NLB 84, p.137).
- 2011 Law No. 101/15.06.2011 for the Prevention and Punishment of Acts Involving Damage to the Environment (NLB 88, p. 90).
- 2011 Governmental Decision No. 1061/2011 for issuing the environmental licence for the national company Nuclearelectrica branch nuclear fuel plant at Pitesti (NLB 89, p. 131).

#### **Food irradiation**

- 2002 Norms on Foodstuffs and Food Ingredients Treated by Ionising Radiation (NLB 71, p. 77).

#### **General legislation, regulations and instruments**

- 1993 Bill on Protection against Hazards Arising from Nuclear Activities (NLB 52, p. 62).
- 1996 Law relating to the Regulation, Licensing and Control of Nuclear Activities (NLB 58, p. 95).
- 1996 Law on the Safe Conduct of Nuclear Activities. The text of the Law is reproduced in the **Supplement to NLB 59**. 1998, 2001, 2003 and 2004 Amendments (NLB 61, p. 83; NLB 68, p. 68; NLB 72, p. 54; NLB 75, p. 121).
- 2003 Ordinance on the Use of Nuclear Energy Exclusively for Peaceful Purposes (NLB 71, p. 74). Approved and amended by the 2003 Act (NLB 72, p. 53).
- 2006 Amendment to the 1996 Law on the Safe Conduct of Nuclear Activities (NLB 77, p. 58).
- 2006 Amendment the 2003 Ordinance on the Use of Nuclear Energy Exclusively for Peaceful Purposes (NLB 77, p. 59).
- 2007 Government Decision on Romania's Energy Policy for 2007 to 2010 (NLB 81, p. 111).
- 2009 Decision on the prohibition of dangerous labour for children (NLB 84, p. 136).
- 2009 Law on the reorganisation of public authorities (NLB 85, p. 109).

- 2010 Government Decision on the reorganisation of electric power producers (NLB 85, p. 110).
- 2010 Amendment to Article 35 of Law 111/1996 regarding new tasks of CNCAN (NLB 86, p. 80).
- 2010 Order approving norms regarding the radiological monitoring of recyclable metal materials (NLB 86, p. 80).

#### **Liability and compensation**

- 2001 Law on Civil Liability for Nuclear Damage (NLB 69, p. 88). The text of the Law is reproduced in the **Supplement to NLB 69**. 2003 Norms for Enforcement of the Law (NLB 72, p. 55). 2004 Amendment (NLB 75, p. 122).
- 2007 Amendment of the Law on Civil Liability for Nuclear Damage (NLB 80, p. 83).

#### **Licensing and regulatory infrastructure**

- 2000 Order on Fees for Licensing Activities (NLB 66, p. 47).
- 2015 Government Decision No. 600/2014 for approval of National Nuclear Safety and Security Strategy (NLB 96, p. 86).

#### **Nuclear installations**

- 2004 Norms on the Classification of Bodies Qualified for the Exercise of Activities in the Nuclear Field (NLB 74, p. 58).
- 2005 Order Approving Guidelines on the Authorisation Procedure for the Construction of Nuclear Facilities (NLB 77, p. 60).
- 2008 Decision on the selection of the investors of Units 3 and 4 of Cernavoda NPP, (NLB 82, p. 127).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1993 Order on Emergency Preparedness (NLB 52, p. 62).
- 2000 Order on Basic Standards for Radiological Safety (NLB 66, p. 47).
- 2001 Regulation on the Operational Protection of Outside Workers Exposed to the Risk of Ionising Radiation during their Activities in Controlled Areas (NLB 68, p. 68).
- 2001 Norms on Medical Surveillance of Workers Occupationally Exposed to Ionising Radiation (NLB 69, p. 87).
- 2002 Orders Implementing European Legislation in the Field of Radiation Protection (NLB 71, p. 75).
- 2002 Norms on Radiological Safety (NLB 71, p. 75).
- 2002 Norms on Foodstuffs and Feeding Stuffs Contaminated by Radioactivity Following a Nuclear Accident or Radiological Emergency (NLB 71, p. 77).

- 2003 Norms for Operational Radiation Protection for the Conduct of Non-destructive Control Practices involving Ionising Radiation (NLB 73, p. 89).
- 2003 Norms on Radiological Safety in Diagnosis and Interventional Radiology Procedures (NLB 73, p. 90).
- 2003 Norms on Radiological Safety of Decommissioned Mining and/or Processing Facilities for Uranium and/or Thorium Ores (NLB 73, p. 90).
- 2004 Health Norms for the Safe Conduct of Nuclear Activities (NLB 74, p. 57).
- 2004 Radiological Safety Norms – Licensing Procedures for Mining, Uranium and Thorium Ore Processing Activities, Processing of Raw Materials and Producing of Nuclear Fuel (NLB 74, p. 57).
- 2004 Radiological Safety Norms – Measurement Systems for Radiation Sources (NLB 74, p. 58).
- 2004 Radiological Safety Norms – Radiotherapy Practice (NLB 74, p. 58).
- 2004 Order Providing Specific Measures to Protect Individuals' Health against Ionising Radiations during Medical Exposure (NLB 75, p. 121).
- 2005 Norms on Requirements to be Fulfilled by Licensed Operating Staff, Management Staff and Specific Training Staff in Nuclear Installations (NLB 75, p. 121).
- 2005 Norms on Radiological Safety for Nuclear Medicine Practice (NLB 75, p. 122).
- 2005 Order on Methodological Norms Regarding Planning, Organisation and Intervention in the Event of a Nuclear Accident or Radiological Emergency (NLB 76, p. 82).
- 2005 Order Approving Generic Procedures for Data Collection, Validation and Response during a Radiological Emergency (NLB 76, p. 82)
- 2005 Order Approving Guidelines on the Monitoring of Radioactive Emissions Originating from Nuclear and Radiological Installations (NLB 77, p. 60).
- 2005 Order Approving Guidelines on Orphan Sources and High Activity Sealed Sources (NLB 77, p. 60).
- 2007 Government Decision on the Monitoring of the Health of Personnel (NLB 80, p. 79).
- 2008 Consolidated version of the Civil Protection Law (NLB 82, p. 127).
- 2008 National strategy for preventing emergency situations (NLB 82, p. 127).
- 2008 National strategy for information sharing and communication in the event of an emergency (NLB 82, p. 128).
- 2010 Emergency Ordinance on the identification, designation and protection of critical infrastructures (NLB 87, p. 98).

- 2010 Emergency Ordinance on the control regime of dual-use items (NLB 87, p. 98).
- 2010 Amendment to the Act on the safe conduct of nuclear activities (NLB 87, p. 99).
- 2010 Nuclear safety norms on design and construction of nuclear power plants and nuclear safety norms on siting of nuclear power plants (NLB 87, p. 99).
- 2015 Order No. 51/2015 for approval of the Nuclear Safety Guide regarding industrial codes and standards for nuclear power plants (NLB 96, p. 88).
- 2015 Order No. 177/2015 for approval of norms regarding nuclear safety policy and independent assessment of nuclear safety (NLB 96, p. 88).
- 2015 Order No. 180/2015 for approval of the guide regarding independent verification of the nuclear safety analyses and evaluation for nuclear installations (NLB 96, p. 88).

#### **Nuclear security**

- 2007 Order on Preventive Protection of Nuclear Installations (NLB 80, p. 80).
- 2007 Order on the Verification of the Physical Protection System of Nuclear Installations (NLB 80, p. 81).
- 2014 Order No. 181/2014 for approval of norms regarding the protection of nuclear installation against cyber threats (NLB 96, p. 88).

#### **Nuclear trade (including non-proliferation)**

- 1991 Order on Export Controls (NLB 49, p. 58).
- 1992 Decision on Import/Export of Sensitive Articles and Technology (NLB 50, p. 68).
- 1992 Act amending the Penal Code for violation of regulations on waste imports (NLB 52, p. 63).
- 1993 Order on the Licensing System for Imports and Exports (NLB 52, p. 63).
- 2004 Decision Establishing the List of Dual-Use Products and Technologies Subject to the Export and Import Control Regime (NLB 74, p. 58).

#### **Organisation and structure**

- 1991 Decree on the Operation of the National Commission for the Control of Nuclear Activities (NLB 47, p. 53).
- 1998 Decree on the Restructuring of the Romanian Electricity Authority (NLB 62, p. 69).
- 1999 Regulation on the Accreditation of Bodies in the Nuclear Field (NLB 65, p. 50).

- 2003 Decision approving the internal rules of the National Commission for the Control of Nuclear Activities (CNCAN) (NLB 73, p. 88). 2004 Amendment (NLB 71, p. 62).
- 2003 Decision on the Organisation of the Nuclear Agency (NLB 73, p. 89).
- 2003 Decision on the Organisation of the National Agency for Radioactive Waste (NLB 73, p. 90)
- 2004 Ordinance on the Reorganisation of the Central Public Administration (NLB 73, p. 89).
- 2004 Decision on the Reorganisation of the National Uranium Company (NLB 74, p. 57).
- 2007 Decision Approving the Structure and Organisation of the Romanian Nuclear Agency (NLB 79, p. 67).
- 2007 Amendment of the 2003 Decision Approving the Internal Rules of the CNCAN (NLB 79, p. 68).
- 2008 Decision on the organisational structure of the Nuclear Agency (NLB 82, p. 126).
- 2009 Amendment to the regulations on the organisation and operation of CNCAN (NLB 84, p. 136).

#### **Radioactive materials (including physical protection)**

- 2004 Norms on Exemption from Authorisation Requirements for Certain Materials (NLB 74, p. 58).
- 2004 Decision Establishing the List of Dual-use Products and Technologies Subject to the Export and Import Control Regime (NLB 74, p. 58).
- 2005 Norms on Licensing Procedures for Nuclear Activities Involving Dual-Use Materials, Devices, Equipment and Data (NLB 75, p. 122).
- 2008 Decision on the national strategy for state defence (NLB 83, p. 106).
- 2009 Decision on the repatriation of nuclear material to the Russian Federation, (NLB 84, p. 136).
- 2009 Decision on the processing of uranium stocks (NLB 84, p. 137).

#### **Radioactive waste management**

- 2003 Ordinance on the Management of Spent Nuclear Fuel and Radioactive Waste, Final Storage included (NLB 71, p. 76). Approved by the 2003 Law (NLB 72, p. 55).
- 2003 Decision on Contributions to the National Agency for Radioactive Agency (NLB 73, p. 91).
- 2004 Order on the Management of Spent Nuclear Fuel and Radioactive Waste (NLB 74, p. 59).

- 2004 Norms on the Safe Management of Radioactive Waste (NLB 74, p. 59).
- 2004 Norms on the Collection of Contributions from the Licensees for the Financing of the Activities of the National Agency for Radioactive Waste (NLB 74, p. 59).
- 2006 Amendment of the 2003 Ordinance on the Management of Spent Nuclear Fuel and Radioactive Waste (NLB 78, p. 52).
- 2007 Amendment of the 2003 Ordinance on the Management of Spent Nuclear Fuel and Radioactive Waste, including Final Disposal (NLB 79, p. 68).
- 2007 Ordinance on the Safe Management of Radioactive Waste (NLB 80, p. 81).
- 2007 Government Decision Regarding Financial Resources Necessary for the Safe Management of Radioactive Waste (NLB 80, p. 82).

#### **Transport of radioactive materials**

- 2001 Norms on the Transport of Radioactive Materials (NLB 69, p. 87).
- 2002 Norms on International Shipments of Radioactive Waste Involving Romanian Territory (NLB 71, p. 76).
- 2002 Norms on Transport of Radioactive Materials (NLB 71, p. 77).
- 2005 Order Approving Guidelines on the Transport of Radioactive Materials (NLB 77, p. 60).
- 2007 Order on Physical Protection of Nuclear Materials During Transport (NLB 80, p. 80).
- 2007 Guidelines regarding the road haulage of hazardous goods on the Romanian territory (NLB 81, p. 112).
- 2008 Order adopting the INF Code (NLB 81, p. 112).
- 2008 Order on the supervision and control of international shipments of radioactive waste and spent nuclear fuel (NLB 83, p. 106).

#### **Administrative decisions**

- 2003 Government Decision for the return of nuclear fuel to the Russian Federation (NLB 72, p. 48).

#### **Agreements**

- 1974 Co-operation Agreement with Belgium on the Peaceful Uses of Nuclear Energy (NLB 20, p. 30).
- 1990 Agreement with Argentina on Peaceful Nuclear Co-operation (NLB 53, p. 108). 1999 Memorandum of Understanding (NLB 66, p. 60).
- 1991 Agreement with the European Communities on Commercial and Economic Co-operation (NLB 48, p. 66).

- 1995 Agreement with Greece on Early Notification of a Nuclear Accident and Information Exchange (NLB 55, p. 54).
- 1997 Agreement with Greece on Early Notification and Information on Nuclear Facilities (NLB 61, p. 100).
- 1997 Agreement with Bulgaria on Early Notification of a Nuclear Accident (NLB 60, p. 105).
- 1997 Agreement with Canada for Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. 2000 Implementing Administrative Understanding (NLB 66, p. 62).
- 1998 Agreement with Germany on Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 65, p. 62).
- 1999 Agreement with the United States concerning Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
- 2001 Arrangement with France on the Exchange of Information and on Co-operation in the Field of Nuclear Safety (NLB 69, p. 100).
- 2002 Agreements with the Russian Federation on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102).
- 2002 Agreements with the Slovak Republic on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102).
- 2003 Memorandum of Understanding with the Republic of Korea on Co-operation in Nuclear Energy Projects (NLB 72, p. 72).
- 2004 Agreement with Ukraine on Early Notification of Nuclear Accidents and Exchange of Information in the Field of Nuclear and Radiation Safety (NLB 74, p. 80).
- 2009 Agreements with Belgium covering several nuclear-related areas of research including reactor safety, radioactive waste management and fourth generation reactor technologies (NLB 84, p. 193).
- 2014 Government Decision No. 525/2014 for approval of the Co-operation Agreement on the radioactive waste management between the French National Radioactive Waste Management Agency (ANDRA) and Nuclear Agency and Radioactive Waste (ANDR) (NLB 96, p. 86).
- 2015 Memorandum of Understanding for Co-operation and Exchange of Information in Nuclear Regulatory Matters between the National Commission for Nuclear Activities Control (CNCAN) of Romania and the President of National Atomic Energy Agency (PAA) of Poland (NLB 96, p. 87).
- 2015 Government Decision No. 540/2015 for approval of the Agreement between the Government of Romania and the Government of the People's Republic of China regarding co-operation in the peaceful uses of nuclear energy, signed on 1 September 2014, in Beijing (NLB 96, p. 87).

## Russian Federation

### Legislative and regulatory activities

#### **Environmental protection**

- 1991 Law on Environmental Protection. 2001 Amendment (NLB 68, p. 69).

#### **General legislation, regulations and instruments**

- 1991 Act on Social Protection of Victims of the Chernobyl Disaster (NLB 48, p. 50).
- 1995 Federal Law on the Use of Atomic Energy (NLB 58, p. 97). The text of the Law is reproduced in the **Supplement to NLB 57**. 2001 Amendment (NLB 68, p. 69). A consolidated text of the law with amendments through 2013 is reproduced in **NLB 92, p. 153**.
- 1996 Regulations in the Field of Nuclear Energy (NLB 58, p. 97).
- 2002 Federal Law on Technical Regulation (NLB 71, p. 77).

#### **Liability and compensation**

- 2005 Law on the Ratification of the Vienna Convention on Civil Liability for Nuclear Damage (NLB 75, p. 123).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1996-1997 Legislation in the field of nuclear safety and the financing of nuclear activities (NLB 59, p. 58).
- 1997 Act on Radiation Safety of the Public (NLB 59, p. 58).
- 1997 Regulations on Nuclear and Radiation Safety (NLB 60, p. 90).
- 2001 Law on Special Ecological Programmes for the Rehabilitation of Radioactively Contaminated Areas (NLB 68, p. 69).

#### **Nuclear trade (including non-proliferation)**

- 1996 Regulation on Nuclear Weapons (NLB 59, p. 59).
- 2001 Laws allowing the import of spent nuclear fuel for storage and reprocessing (NLB 68, p. 69).
- 2003 Decree on the List of Dual-Use Equipment and Materials Subject to Export Controls (NLB 74, p. 61).
- 2004 Decree on the List of Dual-Use Goods and Technologies Subject to Export Controls (NLB 74, p. 61).

#### **Organisation and structure**

- 1991 Declaration on the State Committee for Nuclear and Radiological Safety (NLB 49, p. 59). 1991 Order on the Committee (NLB 51, p. 71). 2002 Statute of the

Russian Federal Agency for Nuclear and Radiation Safety (Gosatomnadzor) (NLB 70, p. 54).

- 2001 Order reorganising Rosenergoatom (NLB 68, p. 68).
- 2004 Decrees Establishing New Federal Agencies in the Nuclear Energy Field (NLB 74, p. 60).
- 2007 Act on Administrative and Property Management of the Civilian Nuclear Energy Sector (NLB 79, p. 68).
- 2007 Reform of the Russian Nuclear Power Industry (NLB 80, p. 84).
- 2007 Reform of the Russian nuclear power industry (NLB 81, p. 113).
- 2008 Decree transferring responsibilities to the Ministry of Natural Resources and Ecology (NLB 82, p. 128).

#### **Radioactive materials (including physical protection)**

- 1988 Decree on Criminal Liability for Illegal Activities Involving Radioactive Materials (NLB 43, p. 86).
- 1996 Regulation on Nuclear Materials (NLB 59, p. 58).

#### **Radioactive waste management**

- 2011 Federal Law on Management of Radioactive Waste and on Introduction of Changes in Individual Legislative Acts of the Russian Federation (N 190-FZ) (NLB 88, p. 90).

#### **Case law**

- 2002 Supreme Court Decision overturning “exemption” for foreign spent fuel (NLB 69, p. 58).

#### **Agreements (including the former USSR)**

- 1973 Co-operation Agreement with the United States on the Peaceful Uses of Atomic Energy (NLB 12, p. 23).
- 1973 Agreement with the United States on the Prevention of Nuclear War (NLB 12, p. 24).
- 1974 Protocol between the USSR State Committee and the USAEC for the Utilisation of Atomic Energy on Joint Projects in Controlled Thermonuclear Fusion and Plasma Physics (NLB 14, p. 42).
- 1974 Treaty with the United States on the Limitation of Underground Nuclear Weapon Tests (NLB 14, p. 41). 1976 Implementing Treaty (NLB 18, p. 45). The text of the Treaty is reproduced in **NLB 18, p. 49**.
- 1976 Agreement with France relating to the Prevention of Accidental or Unauthorised Use of Nuclear Weapons (NLB 18, p. 19).

- 1987 Agreement with Finland on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities (NLB 39, p. 35). The text of the Agreement is reproduced in **NLB 39, p. 54**.
- 1987 Agreement with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 45).
- 1987 Agreement with Denmark on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43).
- 1988 Agreement with the Federal Republic of Germany on Early Notification in the Event of a Nuclear Accident and on Exchange of Information on Nuclear Installations (NLB 42, p. 51). 1989 Additional Agreement (NLB 45, p. 82).
- 1988 Agreement with Türkiye on Early Notification of Nuclear Accidents and Exchange of Information on Nuclear Facilities (NLB 42, p. 52).
- 1988 Agreement with the United Kingdom on Exchange of Information Concerning Nuclear Safety (NLB 42, p. 52).
- 1988 Memorandum of Co-operation with the United States in the Field of Nuclear Reactor Safety (NLB 43, p. 94).
- 1988 Agreement with Sweden on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations (NLB 46, p. 88).
- 1989 Memorandum of Co-operation with Italy on Controlled Thermonuclear Fusion Research (NLB 45, p. 83).
- 1990 Agreement with the IAEA on International Research on the Consequences of the Accident at the Chernobyl Nuclear Power Plant (NLB 46, p. 88).
- 1990 Memorandum of Understanding with WHO on an International Programme on the Health Effects of the Chernobyl Accident (NLB 46, p. 89).
- 1990 Agreement with France on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 47, p. 72). 1993 and 1996 Agreements (NLB 52, p. 79; NLB 58, p. 125).
- 1991 Agreement with Germany on Termination of the Activities of the Wismut Company (NLB 49, p. 73).
- 1992 Agreement with Germany on Co-operation in the Field of Environmental Protection (NLB 51, p. 86).
- 1992 Agreement with France on Co-operation on the Safe Disposal of Nuclear Weapons in Russia and on the Use for Peaceful Purposes of Nuclear Materials from Weapons (NLB 69, p. 100).
- 1992-1993 Agreements with Norway on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Installations and on the Environment (NLB 52, p. 80).
- 1993 Agreement with the United States on the Sale of Highly Enriched Uranium (NLB 51, p. 86). 1996 Annexes (NLB 57, p. 93).
- 1993 Agreement with the United States on Operational Safety Enhancements etc. (NLB 53, p. 109).

- 1994 Agreement with Brazil on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 56, p. 97).
- 1994 Agreement with the Czech Republic on Co-operation in the Field of Nuclear Energy (NLB 56, p. 99). 1999 Supplement to the Agreement (NLB 64, p. 69).
- 1995 Memorandum of Understanding with the European Commission on Technical Assistance in Nuclear Safety (NLB 55, p. 54; NLB 57, p. 89).
- 1995 Agreement with Bulgaria on Co-operation in the Field of Nuclear Energy (NLB 56, p. 98).
- 1995 Agreement with Poland on Early Notification and Co-operation on Nuclear Safety and Radiation Protection (NLB 56, p. 101).
- 1995 Agreement with the United States on the Exchange of Technical Information in the Field of Warhead Safety and Security (NLB 57, p. 92).
- 1996 Moscow Nuclear Safety and Security Summit Declaration (NLB 57, p. 109). The text of the Declaration is reproduced in **NLB 57, p. 109**.
- 1996 Agreement with the United Kingdom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 58, p. 126).
- 1996 Declaration with Norway and the United States on Arctic Military Environmental Co-operation (NLB 58, p. 127). Accession of the United Kingdom in 2003 (NLB 72, p. 72).
- 1996 Agreement with Bulgaria for Co-operation in the Field of Nuclear Safety (NLB 59, p. 67).
- 1997 Agreement with Sweden concerning Co-operation in the Regulation of Nuclear Safety and Radiation Protection (NLB 62, p. 85).
- 1998 Agreement with Germany on Nuclear Liability in respect of Supplies Delivered from Germany to Nuclear Installations in the Russian Federation (NLB 62, p. 83; NLB 63, p. 87). The text of the Agreement is reproduced in **NLB 63, p. 105**.
- 1998 Agreement with the United States on the Nuclear Cities Initiative (NLB 62, p. 86).
- 1998 Agreement with Norway on Environmental Co-operation in connection with the Dismantling of Russian Nuclear Power Submarines (NLB 62, p. 85).
- 1999 Agreement with Syria on Co-operation on the Peaceful Uses of Nuclear Power (NLB 64, p. 71).
- 2000 Co-operation Agreement with the People's Republic of China on the Construction of a Fast-breeder Reactor in China (NLB 66, p. 63).
- 2000 Agreement with the United States related to the Disposal of Weapons-grade Plutonium (NLB 66, p. 66). 2002 Co-operation with the United States on Reduction of Weapons-grade Nuclear Material (NLB 70, p. 66).
- 2000 Agreement with France on Third Party Liability for Nuclear Damage (NLB 66, p. 63). The text of the Agreement is reproduced in **NLB 66, p. 76**.

- 2000 Memorandum of Understanding with Japan on Co-operation in the Fields of Denuclearisation, Disarmament and Non-Proliferation in the Russian Federation (NLB 66, p. 65).
- 2000 Co-operation Agreement with Armenia on the Peaceful Use of Nuclear Energy (NLB 67, p. 61).
- 2001 Agreement with the European Union on Nuclear Safety (NLB 68, p. 80).
- 2001 Agreement with the European Union on Controlled Nuclear Fusion (NLB 68, p. 80).
- 2002 Agreements with Romania on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102).
- 2002 Protocol with Ukraine on Co-operation in the Field of the Peaceful Use of Atomic Energy (NLB 69, p. 103).
- 2002 Agreement with Ukraine on Exchange of Information and Co-operation in the Field of Safety Regulation in Respect of the Peaceful Utilisation of Nuclear Energy (NLB 70, p. 66).
- 2002 Trilateral Agreement with Bulgaria and Ukraine on Nuclear Transport (NLB 72, p. 69).
- 2003 Agreement with the United Kingdom on Nuclear Proliferation Prevention (NLB 72, p. 73).
- 2003 Agreements with Germany on the Elimination and Disposal of Nuclear Weapons (NLB 73, p. 105).
- 2003 Agreement with Germany Concerning Co-operation and Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 74, p. 79).
- 2008 Agreement with the United States on nuclear co-operation in the peaceful use of nuclear energy (NLB 82, p. 199).
- 2008 Agreement with Venezuela for co-operation in the field of the peaceful use of nuclear energy (NLB 82, p. 200).
- 2008 Agreement with Armenia setting up a joint venture to prospect for and mine uranium and other minerals in Armenia (NLB 82, p. 200).
- 2008 Agreement with Mongolia to co-operate in the production of Mongolian uranium (NLB 82, p. 200).
- 2008 avec la Chine sur l'assistance technique pour la construction de la quatrième phase de l'installation d'enrichissement de l'uranium par diffusion gazeuse en Chine et la fourniture d'uranium enrichi russe à la Chine (NLB 82, p. 206).
- 2008 de coopération avec la Chine permettant à la Russie de participer à un appel d'offres pour construire la première centrale nucléaire égyptienne (NLB 82, p. 206).

- 2008 Agreement with India on civil nuclear co-operation in the construction of additional units at Kudankulam as well as in the construction of Russian-designed nuclear plants at new sites in India. (NLB 82, p. 200).
- 2008 Accords with Algeria on training, research and human resources (NLB 82, p. 200).
- 2009 Memorandum of understanding with Bangladesh on co-operation in nuclear energy (NLB 83, p. 141).
- 2009 Agreement with India on civil nuclear co-operation (NLB 83, p. 141).
- 2009 Agreement with Japan on co-operation in the field of the peaceful use of nuclear energy (NLB 83, p. 141).
- 2009 Memorandum of understanding with Nigeria on co-operation in the peaceful use of nuclear energy (NLB 83, p. 141).
- 2009 Memorandum of understanding with Oman in the field of peaceful use of nuclear energy (NLB 83, p. 141).
- 2009 Agreement with Ukraine securing Ukraine's nuclear fuel supply for 2009-2010 (NLB 83, p. 141).
- 2009 Agreement with Jordan on assistance to Jordan in building power and desalination plants (NLB 83, p. 141).
- 2009 Memorandum of understanding with Mongolia on training of nuclear specialists (NLB 83, p. 141).
- 2009 Agreement with Nigeria on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).
- 2009 Agreement with Egypt on co-operation in uranium prospecting and mining in Egypt. (NLB 84, p. 193).
- 2009 Agreement with Mongolia to set up a joint venture in the field of uranium mining (NLB 84, p. 193).
- 2010 Agreement with India to increase civilian nuclear energy co-operation (NLB 85, p. 151).
- 2010 Agreement with India on civilian nuclear co-operation (NLB 85, p. 151).
- 2010 Agreement with Italy of co-operation in the nuclear sector (NLB 85, p. 151).
- 2010 Memorandum of understanding with Argentina to co-operate in the peaceful uses of nuclear energy including the construction of a nuclear power plant and the supply of nuclear fuel (NLB 85, p. 151).
- 2010 Protocol agreement with Türkiye to co-operate on the construction and operation of a nuclear power plant in Türkiye (NLB 85, p. 151).
- 2010 Agreement with India on the construction of nuclear reactors in India (NLB 85, p. 151).
- 2010 Agreement with Italy on a joint study on nuclear fusion (NLB 85, p. 151).

- 2010 Agreement with the IAEA to establish an international nuclear fuel bank, (NLB 85, p. 152).
- 2010 “New” START agreement with the United States on the reduction of deployed strategic nuclear warheads (NLB 85, p. 152).
- 2010 Agreement with France on the Expanded Co-operation Agreement in the Nuclear Field (NLB 86, p. 93).
- 2010 Memorandum with Kazakhstan on Integration and Co-operation and the Joint Statement on a Proposed Joint Uranium Enrichment Plant (NLB 86, p. 93).
- 2010 Memorandum of Understanding with Qatar on Co-operation in Civil Nuclear Energy Activities (NLB 86, p. 93).
- 2010 Agreement with South Africa for the supply of enriched uranium to South Africa (NLB 86, p. 94).
- 2010 Agreement with Australia on the supply of Australian uranium to Russia for use in its civil nuclear power industry (NLB 86, p. 94).
- Agreement with Armenia on intergovernmental co-operation for the construction of new nuclear power capacity (NLB 86, p. 94).
- 2010 Agreement with Ukraine on the completion of two reactor units at Ukraine’s Khmel’nitski nuclear power plant (NLB 86, p. 94).
- 2010 Agreement with Venezuela on the construction of two nuclear units in Venezuela (NLB 86, p. 94).
- 2010 Agreement with Viet Nam on the construction of two nuclear units in Viet Nam (NLB 86, p. 94).
- 2013 Agreements with Belarus regarding co-operation in the field of nuclear safety, early notification of a nuclear accident, radiation safety and nuclear and radiation safety supervision in the peaceful uses of nuclear energy (NLB 93, p. 97).
- 2022 Agreement with Belarus on co-operation in the field of spent nuclear fuel management (NLB 110, p. 68).

## **Saudi Arabia**

### **Agreements**

- 2010 Agreement with France on Co-operation on Civil Nuclear Power (NLB 86, p. 93).

## **Serbia**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 2009 New comprehensive act on nuclear energy (NLB 83, p. 106).

#### ***Organisation and structure***

- 2009 Establishment of the Agency for Radiation Protection and Nuclear Safety (NLB 86, p. 80).

## **(Former) Serbia and Montenegro**

### **Legislative and regulatory activities**

#### ***General legislation***

- 2003 Criminal Code of Montenegro (NLB 75, p. 123).

## **Singapore**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1991 Radiation Protection Act (NLB 50, p. 68).

### **Agreements**

- 1989 Agreement with Australia concerning Co-operation on the Physical Protection of Nuclear Materials (NLB 46, p. 83).

## Slovak Republic

### Legislative and regulatory activities

#### **Environmental protection**

- 2006 Act on Environmental Impact Assessment (NLB 78, p. 55).
- 2014 46<sup>th</sup> meeting of the Aarhus Convention Compliance Committee (NLB 94, p. 128).

#### **General legislation, regulations and instruments**

- 1998 Law on the Peaceful Use of Nuclear Energy (NLB 60, p. 91; NLB 61, p. 84). The text of the Law is reproduced in the **Supplement to NLB 62**.
- 2004 Atomic Act (NLB 74, p. 61).
- 2006 New Regulations Adopted in Implementation of the 2004 Atomic Act (NLB 77, p. 61)
- 2007 Amendment of the Atomic Act (NLB 79, p. 69).
- 2007 Atomic Act Amendment on Alternative Financing of the Nuclear Regulatory Body, (NLB 80, p. 85).
- 2009 Amendment of the Atomic Act (NLB 85, p. 110).
- 2013 Act No. 143 to amend and supplement the 2004 Atomic Act (NLB 92, p. 111).
- 2015 Amendments to existing NRA regulations based on 2012 IAEA Integrated Regulatory Review Service mission (NLB 96, p. 90).
- 2016 Amendments to the Nuclear Regulatory Authority of the Slovak Republic regulations (NLB 97, p. 88).
- 2017 Amendment to the Atomic Act (NLB 99, p. 84).
- 2018 Drafting of new Atomic Act (NLB 102, p. 94).
- 2019 Draft Decree on professional competence (NLB 103, p. 59).
- 2019 Quadrilateral meeting with the Czech, Hungarian and Slovenian regulatory authorities (NLB 103, p. 59).
- 2019 Bilateral meeting with Austrian authorities (NLB 103, p. 59).
- 2019 Decree amending and supplementing Decree on professional competency, as amended (NLB 104, p. 19).
- 2020 Bilateral meeting with Polish supervisory authority (NLB 104, p. 19).
- 2022 Amendment of the Decree of the Nuclear Regulatory Authority of the Slovak Republic No. 55/2006 Coll. laying down details in emergency planning for the event of an incident or an accident, as amended (NLB 108/109, p. 112).

- 2023 Decree of the Nuclear Regulatory Authority of the Slovak Republic (ÚJD SR) No. 355/2023 Coll. amending the Decree of the ÚJD SR No. 52/2006 Coll. on professional qualification, as amended (NLB 111, p. 86).
- 2024 Act No. 161/2024 Coll. amending and supplementing Act No. 143/1998 Coll. on civil aviation (Aviation Act) and on amendments and supplements to certain acts, as amended, and on amendments to certain acts (NLB 113, p. 74).
- 2024 Nuclear Regulatory Authority of the Slovak Republic (NRA SR) Draft decree amending and supplementing the Decree of the NRA SR No. 431/2011 Coll. on a quality management system, as amended (NLB 113, p. 74).
- 2024 Act No. 171/1993 Coll. (Police Force Act) amending Article IV of Act No. 541/2004 Coll. (Atomic Act) (NLB 114, p. 91).
- 2024 Act No. 366/2024 Coll. amending and supplementing Act No. 69/2018 Coll. on cybersecurity and amending Article V of the Atomic Act (NLB 114, p. 91).
- 2025 Act No. 25/2025 Coll. (New Building Act) repealing Act No. 50/1976 Coll. on Spatial Planning and Building Regulations (Building Act) and Act No. 201/2022 Coll. on Construction as amended by the Act No. 77/2025 Coll. (NLB 114, p. 91).
- 2025 Act No. 26/2025 Coll. amending and supplementing some Acts in connection with changes introduced by the Building Act amending certain legislation to reflect changes introduced by the New Building Act (NLB 114, p. 91).
- 2025 Act No. 367/2024 Coll. on critical infrastructure and on amendment and supplement to some Acts (NLB 114, p. 92).
- 2025 Ongoing process on a draft decree amending and supplementing the Decree of the ÚJD SR No. 431/2011 Coll. on the quality management system, as amended, based on the enabling provision of Section 25(6) of Act No. 541/2004 Coll. on the peaceful use of nuclear energy and on amendments to certain acts, as amended (NLB 114, p. 92).

#### **International co-operation**

- 2015 Agreement between the Government of the Slovak Republic and the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) on Mutual Cooperation for Training and Exercise Activities of the Commission Related to On-Site Inspection (NLB 98, p. 79).
- 2018 Quadrilateral meeting of nuclear regulatory authorities of the Czech Republic, Hungary, the Slovak Republic and Slovenia (NLB 101, p. 86).
- 2022 Integrated Regulatory Review Service (IRRS) Mission (NLB 108/109, p. 113).
- 2023 Review of Report in IRRS Mission (NLB 110, p. 75).
- 2023 Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS) mission (NLB 110, p. 75).

- 2023 25th On-Site Inspection (OSI) Regional Introductory Course (RIC-25) for participants from the state signatories to the Comprehensive Nuclear-Test-Ban Treaty (CTBT) (NLB 110, p. 75).
- 2023 Bilateral Meeting between the Slovak Republic and the Czech Republic (NLB 110, p. 76).
- 2023 Quadrilateral meeting of nuclear regulatory authorities hosted in the Slovak Republic (NLB 111, p. 87).
- 2023 Bilateral meeting between the Slovak Republic and Austria (NLB 111, p. 87).
- 2024 Bilateral meeting between the Nuclear Regulatory Authority of the Slovak Republic (ÚJD SR) and the Polish Atomic Agency (PAA) (NLB 113, p. 73).
- 2024 Quadrilateral + meeting between Czechia, Finland, Hungary, Poland, the Slovak Republic and Slovenia (NLB 113, p. 73).
- 2024 Bilateral meeting between Austria and the Slovak Republic (NLB 113, p. 74).
- 2025 Bilateral Meeting between ÚJD SR and the Czechia's State Office for Nuclear Safety (SÚJB) (NLB 114, p. 92).
- 2025 Bilateral Meeting between ÚJD SR and the Polish National Atomic Agency (PAA) (NLB 114, p. 92).
- 2025 Quadrilateral+ meeting between Czechia, Hungary, Finland, Poland, the Slovak Republic and Slovenia (NLB 114, p. 92).
- 2025 Bilateral meeting between Austria and the Slovak Republic (NLB 114, p. 92).

### **Liability and compensation**

- 1999 Decree establishing the Maximum Limits for Quantities of Nuclear Material below which Nuclear Damage is not Expected to be Caused (NLB 70, p. 57).
- 2014 Resolution regarding draft law on civil liability for nuclear damage and postponement of decision on accession to the 1997 Protocol amending the 1963 Vienna Convention (NLB 94, p. 127).
- 2015 Act No. 54/2015 Coll. on Civil Liability for Nuclear Damage and its Financial Coverage and on changes and amendments to certain laws (NLB 95, p. 78).
- 2015 Regulation No. 170/2015 Establishing a List of Radioactive Materials, Their Quantities and Their Physical and Chemical Parameters Justifying the Low Risk of Nuclear Damage (NLB 96, p. 89).
- 2016 Newly adopted Civil Procedural Code (NLB 98, p. 80).
- 2022 Report on the status and development of European and worldwide legislation on civil liability for nuclear accidents through 31 December 2021 (NLB 108/109, p. 113).

**Nuclear installations**

- 1999 Decree on the Qualifications of Personnel of Nuclear Installations (NLB 66, p. 48). 2002 Amendment (NLB 70, p. 56).
- 1999 Decree on Documentation on Nuclear Installations during Decommissioning (NLB 66, p. 49).
- 2000 Regulation on Events Occurring in Nuclear Installations (NLB 66, p. 58).
- 2002 Decree on Requirements on Quality Systems of the Licensees and on Alteration and Amendment of the Decree on the Qualifications of Personnel of Nuclear Installations (NLB 70, p. 56).
- 2021 Amendment of the Act No. 541/2004 Coll. on the Peaceful Use of Nuclear Energy designating the specific approval procedure of nuclear installations by the “envelope method” (NLB 107, p. 66).
- 2022 Licensing of Mochovce Nuclear Power Plant Unit 3 (NLB 108/109, p. 111).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1999 Decree on Emergency Planning in the Event of a Nuclear Incident or Accident (NLB 66, p. 47). 2002 Amendment (NLB 70, p. 56).
- 2002 Decree on the Safety Documentation of Nuclear Installations and on Alteration and Amendment of the Decree On Emergency Planning in the Event of a Nuclear Incident or Accident (NLB 70, p. 56).
- 2003 Decree on Nuclear Safety Requirements for Nuclear Installations (NLB 72, p. 56).
- 2003 Decree on Nuclear Safety Assessment (NLB 72, p. 57).
- 2006 Act on Public Healthcare (NLB 78, p. 53).
- 2018 New act on protection against radiation and amendments and alterations of several additional acts (NLB 101, p. 85).
- 2019 Decree on the regular, comprehensive and systematic evaluation of the nuclear safety of nuclear equipment (NLB 102, p. 95).

**Nuclear security**

- 1999 Decree establishing Requirements for the Physical Protection of Nuclear Facilities, Nuclear Materials and Radioactive Waste (NLB 66, p. 49).
- 2016 Entry into force of the Amendment to the Convention on the Physical Protection of Nuclear Material (NLB 98, p. 80).
- 2016 Act on Criminal Responsibility of Legal Persons (NLB 98, p. 80).

**Nuclear trade (including non-proliferation)**

- 2020 Draft Decree on special materials and equipment falling under the supervision of the Nuclear Regulatory Authority of the Slovak Republic (NLB 104, p. 20).

**Organisation and structure**

- 1994 Act and 1995 Decree setting up a State Fund for Decommissioning (NLB 55, p. 40).
- 2006 Act establishing a Nuclear Decommissioning Fund (NLB 78, p. 54).

**Radioactive materials (including physical protection)**

- 1999 Decree on Accounting for and Control of Nuclear Materials (NLB 66, p. 49).
- 1999 Decree issuing the List of Special Materials and Equipment (NLB 70, p. 56).

**Radioactive waste management**

- 2000 Regulation establishing Requirements for the Management of Radioactive Waste and Spent Nuclear Fuel (NLB 66, p. 49).
- 2008 Transposition of Council Directive 2006/117/Euratom (NLB 82, p. 129).

**Transport of radioactive materials**

- 1999 Decree establishing Requirements for Transport of Radioactive Materials and Waste (NLB 66, p. 50).

**Case law**

- 2003 Judgment concerning the right of the Nuclear Regulatory Authority to deny information classified as a commercial secret from requests for public information (NLB 72, p. 39).
- 2004 Judgment of the Slovak Constitutional Court on Greenpeace claim (NLB 74, p. 35).
- 2010 Aarhus Convention compliance update (NLB 88, p. 71).
- 2013 New developments including the Supreme Court's judgment in a matter involving Greenpeace Slovakia's claims regarding the Mochovce nuclear power plant (NLB 92, p. 89).
- 2013 New developments in the matter involving Greenpeace's demands for information under the Freedom of Information Act (NLB 92, p. 91).
- 2013 Further developments in cases related to the challenge by Greenpeace Slovakia to the Mochovce nuclear power plant (NLB 93, p. 91).
- 2013 Developments in relation to the disclosure of information concerning the Mochovce nuclear power plant (NLB 93, p. 91).
- 2014 Further developments in cases related to the challenge by Greenpeace Slovakia to the Mochovce nuclear power plant (NLB 94, p. 116).
- 2014 Developments in relation to the disclosure of information concerning the Mochovce nuclear power plant (NLB 94, p. 117).
- 2015 Further developments in cases related to the challenge by Greenpeace Slovakia to the Mochovce nuclear power plant (NLB 95, p. 65).

- 2015 Developments in relation to the disclosure of information concerning the Mochovce nuclear power plant (NLB 96, p. 78).
- 2023 *Global 2000 v. ÚJD SR* (NLB 111, p. 75).

### **Agreements**

- 1994 Arrangement with the United States for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. 2000 Renewal (NLB 66, p. 67).
- 1998 Agreement with Ukraine on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 64, p. 71).
- 1999 Agreement with Bulgaria for Co-operation on the State Control of Safety in the Use of Atomic Energy (NLB 65, p. 59).
- 1999 Agreement with Slovenia for the Exchange of Information in the Field of Nuclear Safety (NLB 65, p. 65).
- 2002 Agreements with Romania on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102; NLB 71, p. 85).
- 2002 Agreement with the Czech Republic on Early Notification of a Nuclear Accident (NLB 71, p. 85).
- 2008 Joint Political Declaration with France on strategic partnership and a co-operation agreement on civilian nuclear energy (NLB 82, p. 199).
- 2010 Agreement with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).
- 2021 Memorandum of Understanding with the US Nuclear Regulatory Commission regarding the exchange of technical information and co-operation in nuclear safety matters (NLB 107, p. 66).
- 2022 Memorandum of Understanding between the Nuclear Regulatory Authority of the Slovak Republic and the Moroccan Agency for Nuclear and Radiological Safety and Security for the Exchange of Technical Information and Cooperation in the Field of Regulation of the Safe Use of Nuclear Energy for Peaceful Purposes (NLB 108/109, p. 112).
- 2022 Memorandum of Understanding between the Nuclear Regulatory Authority of the Slovak Republic and the Nuclear Regulatory Authority of the Republic of Türkiye for Cooperation and Exchange of Information in the Field of Nuclear Safety (NLB 108/109, p. 112).
- 2023 Memorandum of Understanding was concluded between the Nuclear Regulatory Authority of the Slovak Republic and the Atomic Energy Regulatory Board of India for the Exchange of Technical Information and Cooperation in the Field of Regulation of the Safe Use of Nuclear Energy for Peaceful Purposes (NLB 112, p. 142).

## Slovenia

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 2002 Act on Protection against Ionising Radiation and Nuclear Safety (NLB 70, p. 57). 2003 and 2004 Amendments (NLB 71, p. 78; NLB 75, p. 124).
- 2008 Decree on the designation of affected areas and the compensation due to the limited use of land surrounding the Žirovki Vrh Uranium Mine (NLB 81, p. 113).
- 2008 Decree on safeguarding of nuclear materials (NLB 81, p. 114).
- 2015 Amendments of the Decree on areas of restricted use of space due to a nuclear facility and the conditions of facility construction in these areas (NLB 95, p. 80).
- 2015 Amendments to the Ionising Radiation Protection and Nuclear Safety Act (NLB 99, p. 85).
- 2024 Research and development strategy for 2025-3035 (NLB 113, p. 75).

#### **Liability and compensation**

- 1994 Nuclear Third Party Liability Legislation (NLB 54, p. 55).
- 1998 Decree establishing the Amount of Operator's Liability and the Corresponding Amount of Insurance for Nuclear Damage (NLB 63, p. 78). Repealed and replaced by 2001 Decree on the same topic (NLB 69, p. 88).
- 2010 Act on Liability for Nuclear Damage (NLB 86, p. 82).

#### **Nuclear installations**

- 2003 Decree on compensation due to the limited use of land surrounding a nuclear facility (NLB 73, p. 94).
- 2004 Decree on restrictions on the use of land surrounding a nuclear facility and on conditions for construction in such areas (NLB 73, p. 93).
- 2023 Establishment of the working group for the co-ordination of activities related to the construction of a new nuclear power plant in Slovenia (NLB 111, p. 87).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 2003 Regulation on the Expert Council for Radiation and Nuclear Safety (NLB 73, p. 91).
- 2003 Regulation on the Expert Council on Issues Relating to Protection of the Population against Ionising Radiation, Radiological Procedures and the Use of Radiation Sources in Health and Veterinary Care (NLB 73, p. 92).

- 2003 Regulation on Conditions for the Use of Radiation Sources in Health Care (NLB 73, p. 92).
- 2003 Regulation on Conditions and Methods of Assessment of Doses for the Protection of Workers and the Population against Ionising Radiation (NLB 73, p. 92).
- 2003 Regulation on Medical Surveillance of Exposed Workers (NLB 73, p. 92).
- 2003 Regulation on Obligations of the Person Carrying out a Radiation Practice and of the User of a Radiation Sources (NLB 73, p. 93).
- 2004 Regulation on the Qualifications of Experts in the Area of Ionising Radiation (NLB 73, p. 93).
- 2004 Regulation on the Personal Dose Data of Radiation Workers (NLB 73, p. 93).
- 2004 Decree on Radiation Practices (NLB 75, p. 124).
- 2004 Decree on Dose Limits, Radioactive Contamination and Intervention Levels (NLB 75, p. 124).
- 2004 Regulation on Use of Potassium Iodide Tablets (NLB 75, p. 124).
- 2005 Regulation on Requirements for Workers in Nuclear Installations and Radiation Facilities (NLB 76, p. 83).
- 2006 Regulation on the Use of Radiation Sources and Radiation Practices (NLB 77, p. 62)
- 2006 Regulation on Approved Experts for Radiation and Nuclear Safety (NLB 78, p. 55).
- 2007 Regulation on Monitoring of Radioactivity (NLB 79, p. 70).
- 2009 Rules on operational safety of radiation and nuclear facilities (NLB 86, p. 81).
- 2009 Rules on radiation and nuclear safety factors (NLB 86, p. 82).
- 2011 Act Amending the Act on Ionising Radiation Protection and Nuclear Safety (NLB 88, p. 91).
- 2011 Rules on providing qualification for workers in radiation and nuclear facilities (NLB 89, p. 132).
- 2013 Resolution on Nuclear and Radiation Safety in Slovenia (NLB 92, p. 112).
- 2015 Amendments to the Ionising Radiation Protection and Nuclear Safety Act (NLB 96, p. 90).
- 2016 Decree on the programme of the systematic monitoring of working and living environments and raising awareness about measures to reduce public exposure to natural radiation sources (NLB 98, p. 81).
- 2016 Rules on radiation and nuclear safety factors (NLB 99, p. 86).

- 2016 Rules on operational safety of radiation and nuclear facilities (NLB 99, p. 87).
- 2016 Rules on the method of keeping records of personal doses due to exposure to ionising radiation (NLB 99, p. 87).
- 2017 Decree on activities involving radiation (NLB 99, p. 85).
- 2017 Rules on the requirements and methodology of dose assessment for the radiation protection of the population and exposed workers (NLB 99, p. 88).
- 2017 Rules on the obligations of persons performing radiation practices and holders of ionising radiation sources (NLB 99, p. 88).
- 2017 New Ionising Radiation Protection and Nuclear Safety Act (NLB 100, p. 100)
- 2017 New regulations adopted on the basis of Ionizing Radiation Protection and Nuclear Safety Act (NLB 101, p. 87).
- 2019 New regulations adopted on the basis of Ionising Radiation Protection and Nuclear Safety Act from 2017 (NLB 103, p. 60).
- 2019 Act Amending the Protection against Ionising Radiation and Nuclear Safety Act (NLB 104, p. 20).
- 2020 Decree on areas of restricted use due to nuclear facilities and on the conditions for construction in these areas (NLB 104, p. 21).
- 2020 Decree on the criteria for determining the compensation rate due to the restricted use of areas and intervention measures in nuclear facility areas (NLB 104, p. 21).
- 2020 Decree Amending the Decree on the National Radon Programme (NLB 108/109, p. 114).
- 2021 Act Amending the Protection against Ionising Radiation and Nuclear Safety Act (ZVISJV-1B) (NLB 108/109, p. 114).
- 2022 Rules on requirements for new construction and renovation in existing buildings in order to protect human health from the harmful effects of radon (NLB 108/109, p. 114).
- 2023 Resolution on Nuclear and Radiation Safety in the Republic of Slovenia for the period 2024-2033 (NLB 112, p. 142).
- 2024 New rules on radiation and nuclear safety factors (NLB 113, p. 76).
- 2024 New rules on the safety assurance of radiation and nuclear facilities (NLB 113, p. 76).

### **Nuclear security**

- 2005 Regulations on Physical Protection of Nuclear Materials, Nuclear Installations and Radiation Facilities (NLB 76, p. 83).

**Nuclear trade (including non-proliferation)**

- 1999 Amendments to the Decree on Imports and Exports of Specified Goods (NLB 64, p. 60).
- 2000 Act on Export Control of Dual-Use Goods (NLB 66, p. 50).

**Organisation and structure**

- 2001 Transfer of responsibilities in the energy sector (NLB 68, p. 69).
- 2003 Regulation on the Organisation and Assignment of Ministerial Responsibilities (NLB 72, p. 57).
- 2004 Amendment of the Act on State Administration (NLB 75, p. 123).

**Radioactive waste management**

- 2004 Regulation on Shipments of Radioactive Waste into and out of the EU (NLB 75, p. 124).
- 2006 Regulation on the Classification of Radioactive Waste (NLB 78, p. 55).
- 2021 New Rules on Radioactive Waste and Spent Fuel Management (NLB 108/109, p. 115).
- 2022 New Decree on the method and subject of and conditions for performing a public utility service of radioactive waste management (NLB 108/109, p. 115).
- 2022 Ordinance establishing public service for radioactive waste management: Agencija za radioaktivne odpadke (NLB 108/109, p. 115).
- 2023 Resolution on the national programme on radioactive waste and spent fuel management for the period 2023-2032 (NLB 110, p 76).

**Transport of radioactive materials**

- 1999 Act on Transport of Dangerous Goods (NLB 65, p. 50).
- 2007 Decree on the Control of Radioactive Contamination in the Shipment of Scrap Metal (NLB 80, p. 85).
- 2008 Regulation on the transboundary shipments of nuclear and radioactive substances (NLB 83, p. 108).
- 2009 Regulation on the transboundary shipments of radioactive waste and spent fuel (NLB 83, p. 107).

**Agreements**

- 1993 Agreement with the United States on the Exchange of Technical Information and Co-operation in Nuclear Safety (NLB 54, p. 67). 1999 Renewal (NLB 64, p. 72).
- 1994 Agreement with the Republic of Korea on Scientific and Technological Co-operation. 2000 Arrangement for the Exchange of Information and Co-operation in the Field of Nuclear Safety (NLB 66, p. 66).

- 1995 Co-operation Agreement with Canada in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).
- 1995 Agreement with Hungary on Early Notification of Radiological Emergencies (NLB 57, p. 92).
- 1996 Agreement with Austria on Exchange of Information for Radiological Emergency, Nuclear Safety and Radiation Protection (NLB 58, p. 125).
- 1999 Agreement with Croatia on Early Exchange of Information in the Event of a Radiological Emergency (NLB 65, p. 61).
- 1999 Agreement with the Slovak Republic for the Exchange of Information in the Field of Nuclear Safety (NLB 65, p. 65).
- 1999 Arrangement with South Africa for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 66, p. 67).
- 2000 Arrangement with France for the Exchange of Information and Co-operation in the Field of Nuclear Safety (NLB 66, p. 64).
- 2000 Arrangement with the Czech Republic on the Exchange of Information in the Nuclear Field (NLB 67, p. 62).
- 2001 Agreement with Croatia on Ownership of Krško Nuclear Power Plant (NLB 69, p. 99).

## **South Africa**

### **Legislative and regulatory activities**

#### **General legislation, regulations and instruments**

- 1967 Atomic Energy Act. 1970, 1971, 1977 and 1978 Amendments (NLB 15, p. 15; NLB 20, p. 15; NLB 22, p. 21). Repealed by 1982 Nuclear Energy Act (NLB 35, p. 24). 1988 Amendment (NLB 43, p. 75). Repealed by 1993 Nuclear Energy Act (NLB 53, p. 89). Repealed by 1999 Nuclear Energy Act (NLB 65, p. 51).
- 2006 Regulations on the Contents of the Annual Public Report (NLB 79, p. 70).
- 2006 Regulations on the Keeping of Records (NLB 79, p. 71).

#### **Liability and compensation**

- 1999 Nuclear Energy Act (NLB 65, p. 51).

#### **Nuclear installations**

- 1963 Nuclear Installations (Licensing and Security) Act. Successive Amendments (NLB 15, p. 16; NLB 18, p. 30; NLB 22, p. 21). Repealed by 1982 Nuclear Energy Act (NLB 35, p. 24).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1973 Governmental Notice concerning the Control of Electronic Products Emitting Radiation (NLB 15, p. 15).
- 2006 Regulations on Safety Standards and Regulatory Practices (NLB 79, p. 72).

**Nuclear-powered ships**

- 1974 Nuclear Installations (Licensing and Security) Amendment Act (NLB 17, p. 16).

**Organisation and structure**

- 1999 National Nuclear Regulator Act (NLB 65, p. 51).
- 2005 Recent regulatory developments in the nuclear field in South Africa (NLB 76, p. 84).

**Radioactive materials (including physical protection)**

- 1973 Hazardous Substances Act. 1976 and 1993 Amendments (NLB 15, p. 17; NLB 24, p. 14; NLB 53, p. 93).

**Agreements**

- 1995 Co-operative Agreement with the United States concerning Peaceful Uses of Nuclear Energy (NLB 57, p. 93).
- 1997 Arrangement with Sweden for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 62, p. 87).
- 1999 Arrangement with Slovenia for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 66, p. 67).
- 2009 Agreement with the United States on Co-operation in Research and Development of Nuclear Energy (NLB 84, p. 193).
- 2010 Agreement with the Russian Federation for the Supply of Enriched Uranium to South Africa (NLB 86, p. 94).
- 2021 Agreement between the Republic of South Africa and the European Atomic Energy Community for Cooperation in the Peaceful Uses of Nuclear Energy (NLB 108/109, p. 125).

**Case law**

- 2007 Judgment of the Cape High Court in the Case of *McDonald and Others v. Minister of Minerals and Energy and Others* (NLB 80, p. 66).

## **Spain**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 1986 Decree-Law on Environmental Impact Studies (NLB 39, p. 20).

#### ***General legislation, regulations and instruments***

- 1964 Act on Nuclear Energy. 1968 Amendment (NLB 2, p. 20).
- 1995 Royal Decree in respect of the Indemnification of Nuclear Power Plant Investors Affected by the National Moratorium on Construction of Nuclear Power Plants (NLB 58, p. 110).

#### ***Liability and compensation***

- 1967 Decree approving the Regulations on Cover for Nuclear Damage Hazards. 1968 Amendments (NLB 1, p. 18; NLB 2, p. 21).
- 1974 Accession to the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 14, p. 43).
- 1986 and 1994 Increases in amount of the nuclear operator's liability (NLB 38, p. 32; NLB 55, p. 42).
- 1997 Regulation concerning the Almaraz Nuclear Power Plant (NLB 63, p. 79).
- 2007 Amendment to the Nuclear Energy Act (NLB 80, p. 86).
- 2011 Act on Third Party Liability for Nuclear Damage or Damage Caused by Radioactive Materials (NLB 88, p. 91).

#### ***Nuclear installations***

- 1971 Order exempting Certain Installations from the Generally Applicable System of Licensing (NLB 9, p. 26).
- 1972 Regulations on Nuclear Installations (NLB 3, p. 13; NLB 8, p. 16; NLB 10, p. 14). Repealed and replaced by 1999 Regulations on Nuclear and Radioactive Installations (NLB 66, p. 51), amended in 2008 (NLB 81, p. 116).
- 1982 Royal Decree concerning State Intervention in the Lemoniz NPP (NLB 30, p. 16).
- 1985 Decree on the Reorganisation of Activities in the Nuclear Fuel Cycle. 1988 Amendment (NLB 44, p. 45). 1989 Implementing Order (NLB 44, p. 45).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1971 Order laying down General Regulations on Health and Safety at Work (NLB 8, p. 18).
- 1982 Royal Decree on Radiation Protection (NLB 30, p. 15). 1987 Amendment (NLB 41, p. 19). Repealed and replaced in 1992 (NLB 49, p. 60). Repealed and

replaced by 2001 Royal Decree approving the Regulations on Health Protection against Ionising Radiation (NLB 68, p. 70).

- 1989 Order relating to the Council of Ministers' Approval of the Nuclear Emergency Plan (NLB 44, p. 44). 1993 Order on Emergency Plans (NLB 52, p. 64).
- 1990 Royal Decree laying down Basic Measures for Radiation Protection of Persons Undergoing Medical Examination or Treatment (NLB 47, p. 54).
- 1991 Decree on X-ray Equipment for Medical Diagnosis (NLB 49, p. 60).
- 1993 Order on Informing the General Public in Case of a Radiological Emergency (NLB 52, p. 65).
- 1995 Royal Decree setting Quality Control Criteria for Radiodiagnostic Equipment (NLB 58, p. 111).
- 1997 Decree on the Operational Protection of Outside Workers (NLB 62, p. 70).
- 2006 Decree on the Control of High-activity Sealed Radioactive Sources and Orphan Sources (NLB 78, p. 55).
- 2009 Regulation on installation and use of X-ray devices for medical diagnostic purposes (NLB 84, p. 138).
- 2018 Royal Decree approving the Regulation on Nuclear Safety in Nuclear Facilities (NLB 102, p. 96).

#### **Nuclear security**

- 2011 Royal Decree on the Physical Protection of Nuclear Installations and Materials (NLB 88, p. 92).

#### **Organisation and structure**

- 1968 Decree on the Organisation of the Ministry of Industry (NLB 3, p. 12). 1979 Decree reorganising the Ministry of Industry and Energy. 1980 Amendment (NLB 27, p. 13).
- 1968 Decree laying down a System of Authorisation for Industries which Produce and Utilise Nuclear Energy (NLB 3, p. 12).
- 1969 Order creating a Technical Advisory Commission on the Problems of Atmospheric Pollution of Industrial Origin (NLB 3, p. 13).
- 1971 Decree relating to the Setting up of a National Uranium Undertaking (ENUSA) (NLB 9, p. 25). 1980 Order on the Transfer to ENUSA of the Duties of the Junta de Energia Nuclear connected with the Nuclear Fuel Cycle (NLB 25, p. 21).
- 1974 Decree relating to Composition of the Board of the Junta de Energia Nuclear (NLB 15, p. 18).
- 1979 Royal Decree on the Organisation of Activities in the Nuclear Fuel Cycle (NLB 25, p. 20). 1984, 1985, 1988 and 1999 Amendments (NLB 35, p. 29; NLB 36, p. 16; NLB 44, p. 45; NLB 67, p. 52).

- 1980 Act setting up a Nuclear Safety Council (NLB 25, p. 21). The text of the Act is reproduced in **NLB 25, p. 44**. 1982 Royal Decree concerning the Statute of the Nuclear Safety Council (NLB 30, p. 15). 1989 and 1995 Decrees amending the Statute (NLB 44, p. 43; NLB 57, p. 82). 1999 Act redefining the tasks of the Nuclear Safety Council (NLB 66, p. 51). 2000 Reorganisation of the Council (NLB 69, p. 89).
- 1984 Decree authorising the Establishment of a National Enterprise for Radioactive Waste (ENRESA) (NLB 34, p. 24). 1988 and 1989 Implementing Orders (NLB 44, p. 43; NLB 45, p. 64). 1996 Amending Decree concerning the powers of ENRESA (NLB 58, p. 111).
- 1986 Act on the Development and General Co-ordination of Scientific and Technical Research (Junta de Energia Nuclear) (NLB 37, p. 19).
- 1998 Law establishing the National Energy Commission (NLB 63, p. 78).
- 2000 Transfer of responsibilities in the field of nuclear energy (NLB 66, p. 51).
- 2007 Law creating the Nuclear Safety Council (NLB 81, p. 114).

#### **Radioactive materials (including physical protection)**

- 1995 Royal Decree on Physical Protection of Nuclear Material (NLB 55, p. 41).
- 1999 Royal Decree on Activities Comprising the Front End of the Nuclear Fuel Cycle (NLB 67, p. 52).
- 2005 Order on Activities in the Front End of the Nuclear Fuel Cycle (NLB 78, p. 56).
- 2016 Royal Decree amending another Royal Decree on the physical protection of facilities, nuclear materials and radioactive sources (NLB 97, p. 91).

#### **Radioactive waste management**

- 1994 Royal Decree on Shipments of Radioactive Waste (NLB 55, p. 42).
- 2003 Decree on Activities performed by ENRESA and their financing (NLB 73, p. 94).
- 2005 Decree-Law on Urgent Reforms to Promote Productivity and Improve Public Contracting (NLB 78, p. 56).
- 2005 Law on Reforms for the Promotion of Productivity (NLB 78, p. 57).
- 2009 Law regulating limited investment companies quoted on the real estate market (NLB 85, p. 111).
- 2014 Royal Decree 102/2014 on the responsible and safe management of spent nuclear fuel and radioactive waste, transposing Directive 2011/70/Euratom (NLB 93, p. 109).
- 2013 Ministerial Order on the management of wastes generated in activities using materials that contain natural radionuclides (NLB 93, p. 110).

- 2016 Ministerial Order regulating allocations to municipalities in the vicinity of nuclear facilities from the Fund for the financing of activities included in the General Radioactive Waste Plan (NLB 97, p. 92).
- 2019 Royal Decree modifying the fee that finances the service rendered by Empresa Nacional de Residuos Radiactivos, S.A., S.M.E (Enresa) to the operative nuclear power plants (NLB 104, p. 22).
- 2020 7<sup>th</sup> General Radioactive Waste Plan (NLB 104, p. 23).

#### **Transport of radioactive materials**

- 1976 Regulation on the Transport of Dangerous Goods by Road (NLB 18, p. 32). 1997 Amendment (NLB 63, p. 79).
- 1984 Regulations on the Transport of Dangerous Goods by Air (NLB 35, p. 30).
- 2009 Regulation on the transboundary shipments of radioactive waste and spent fuel (NLB 84, p. 138).

#### **Case law**

- 1973 Judgment of the Supreme Court on an Administrative Decision authorising the construction of a nuclear power plant (NLB 12, p. 15).

#### **Agreements**

- 1971 Co-operation Agreement with Portugal on the Peaceful Uses of Atomic Energy (NLB 8, p. 35). 1977 Co-operation Meeting (NLB 20, p. 32).
- 1973 Basic Technical Co-operation Agreement with Venezuela on the Peaceful Uses of Nuclear Energy. 1979 Supplementary Agreement (NLB 25, p. 41).
- 1978 Agreement with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 23, p. 53).
- 1980 Agreements with Portugal on Co-operation in Nuclear Safety (NLB 25, p. 39).
- 1982 Protocol with Portugal on Supply and Transfer of Uranium Extraction Technology (NLB 30, p. 37).
- 1986 Technical Co-operation Agreement with France on Radioactive Waste Management (NLB 38, p. 55).

## Sweden

### Legislative and regulatory activities

#### **Environmental protection**

- 1976 Act on Measures against Water Pollution from Vessels in the Baltic Sea Area (NLB 20, p. 15).
- 1999 Environmental Code (NLB 63, p. 79).

#### **General legislation, regulations and instruments**

- 1956 Atomic Energy Act. 1972 and 1978 Amendments (NLB 10, p. 14; NLB 21, p. 22). Repealed and replaced by 1984 Act on Nuclear Activities (NLB 31, p. 11; NLB 33, p. 14). The texts of the Act and the Ordinance supplementing the Act are reproduced in the **Supplement to NLB 33**. 1987, 1995 and 1999 Amendments of the Act (NLB 39, p. 20; NLB 56, p. 89; NLB 63, p. 79). 1992 and 1999 Amendments of the Ordinance (NLB 52, p. 66; NLB 63, p. 79).
- 1980 Bill concerning the Future Energy Policy (NLB 26, p. 23).
- 1997 Act on the Phasing-out of Nuclear Power (NLB 61, p. 86).
- 2006 Amendment to the Act and Ordinance on Nuclear Activities (NLB 79, p. 75).
- 2010 Abolishment of the Act on phasing out of nuclear energy (NLB 86, p. 84).
- 2017 Major revision of the Swedish Radiation Safety Authority's regulations (NLB 99, p. 89).

#### **Liability and compensation**

- 1968 Nuclear Liability Act (NLB 1, p. 21; NLB 2, p. 22; NLB 15, p. 18). The text of the Act is reproduced in **Supplement to NLB 2** and **NLB 20, p. 44**. 1974 Amendment (NLB 19, p. 11). The text of the Amendment is reproduced in **NLB 19, p. 40**. 1982, 1988, 1991, 1995 and 2001 Amendments (NLB 27, p. 13; NLB 31, p. 12; NLB 33, p. 15; NLB 37, p. 20; NLB 42, p. 24; NLB 49, p. 61; NLB 56, p. 90; NLB 67, p. 52). The text of the Act as amended in 1982 is reproduced in the **Supplement to NLB 33**.
- 1968 Decision fixing the Amount of Liability of the AB-ASEA-ATOM Company (NLB 3, p. 27).
- 1981 Decree on Nuclear Third Party Liability (NLB 28, p. 23).
- 1983 Ratification of the 1982 Protocols to amend the Paris Convention and the Brussels Supplementary Convention (NLB 31, p. 30).
- 1986 Bill for Economic Compensation following the Chernobyl Accident (NLB 38, p. 33). 1987 Ordinances on Compensation for Interventions Due to the Chernobyl Accident (NLB 39, p. 21).
- 2006 Report of the Swedish Nuclear Liability Committee (NLB 77, p. 62).
- 2010 Act on Liability and Compensation for Nuclear Damage (NLB 86, p. 85).

**Nuclear installations**

- 1967 Act on Patents (NLB 3, p. 13).
- 1970 Decree redefining the Conditions for Exemptions from the Obligation to Hold an Individual Permit (NLB 7, p. 22).
- 1977 Act on Special Permits to Load Nuclear Reactors with Nuclear Fuel (NLB 19, p. 10). The text of the Act is reproduced in **NLB 20, p. 44**. 1979 Act on Prohibition to Load Nuclear Reactors with Nuclear Fuel (NLB 24, p. 15). 1977 Special Government permit to continue operation of the Barsebäck nuclear reactor (NLB 21, p. 24; NLB 24, p. 15).
- 2002 Regulations on the Planning of Radiation Protection Issues Before and During the Decommissioning of NPPs (NLB 71, p. 79).
- 2004 SKI Regulations on Safety in Nuclear Facilities (NLB 74, p. 63).
- 2005 SKI Regulations on Physical Protection of Nuclear Facilities (NLB 76, p. 87).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1958 Act on Protection against Radiation. 1973 and 1976 Amendments (NLB 14, p. 25; NLB 21, p. 24). The text of the Act of 1958, as amended in 1973, is reproduced in **NLB 14, p. 45**. Repealed and replaced by the 1988 Radiation Protection Act and Ordinance (NLB 41, p. 19; NLB 42, p. 23). The texts of the Act and Ordinance are reproduced in the **Supplement to NLB 42**. 1995 and 1999 Amendments to the Act (NLB 56, p. 89; NLB 63, p. 79). 1999 Amendment to the Ordinance (NLB 63, p. 79).
- 1975 Circular concerning the Licence to Possess and Use X-ray Equipment for Dental Diagnosis (NLB 19, p. 10).
- 1977 Regulation on Limitation of Emissions from Nuclear Installations. 1983 Amendment (NLB 36, p. 17).
- 1989 Ordinance on Maximum Limits for Exposure to Radiation (NLB 45, p. 65).
- 1989 Regulations on the Removal of Goods from Controlled Areas (NLB 46, p. 71).
- 1992 Overview of radon legislation (NLB 50, p. 69).
- 2002 Regulations on the Planning of Radiation Protection Issues Before and During the Decommissioning of NPPs (NLB 71, p. 79).
- 2011 Swedish Radiation Safety Authority regulations concerning clearance of materials, premises, buildings and land in connection with activities involving ionising radiation (NLB 88, p. 93).
- 2012 The Swedish Radiation Safety Authority (SSM) regulations on the clearance of materials, rooms, buildings and land in practices involving ionising radiation (NLB 89, p. 132).

**Nuclear trade (including non-proliferation)**

- 1984 Ordinance on Nuclear Activities. 1992 Amendment to add provisions on import/export (NLB 52, p. 67).

### **Nuclear-powered ships**

- 1963 Act on Compensation for Damage caused by the Operation of Nuclear Ships. 1973 and 1976 Extensions (NLB 7, p. 23; NLB 13, p. 12; NLB 19, p. 11).

### **Organisation and structure**

- 1961 Decree on the Organisation of the Atomic Energy Board. Replaced in 1971 (NLB 8, p. 18).
- 1970 Decree providing for a New Tariff for the Performance of Certain Services by the Atomic Energy Board (NLB 8, p. 19).
- 1972 Setting up of a Governmental Committee to Consider the Problems Caused by High-level Wastes Produced by Nuclear Power Plants (NLB 12, p. 18; NLB 14, p. 33).
- 1974 Royal Decrees laying down the Duties of the Nuclear Power Inspectorate (SKI) (NLB 14, p. 24). Replaced by 1988 Ordinance (NLB 44, p. 46). 1992 Amendment (NLB 52, p. 66). 1992 Ordinance on Transfer of the Duties of the National Board for Spent Nuclear Fuel to SKI (NLB 51, p. 71).
- 1976 Ordinance designating the Supervisory Authority under the 1956 Atomic Energy Act (NLB 21, p. 23).
- 1976 Ordinance amending 1958 Order Embodying Regulations in Implementation of the 1958 Radiation Protection Act (NLB 21, p. 23). 1976 Ordinance concerning Instructions for the State Institute for Radiation Protection (NLB 21, p. 23). Replaced in 1988 (NLB 44, p. 45). 1992 Amendment (NLB 52, p. 66).
- 1981 Ordinance setting up the National Board for Spent Nuclear Fuel (NLB 30, p. 16). Replaced in 1988 (NLB 44, p. 46).
- 1987 Creation of the Ministry for Energy and the Environment (NLB 39, p. 21).
- 1988 Ordinance with Instructions for the Advisory Board for Nuclear Waste Matters (NLB 44, p. 47).
- 2002 Establishment of the Committee for the Management of Non-nuclear Radioactive Waste (NLB 73, p. 95).
- 2007 Decision on the Merger of Regulatory Authorities (NLB 80, p. 88).

### **Radioactive waste management**

- 1981 Act on Financing Future Expenditure for Spent Nuclear Fuel etc. (NLB 29, p. 24). The text of the Act is reproduced in **NLB 29, p. 43**. 1981 Ordinance (NLB 30, p. 17). The text of the Ordinance is reproduced in **NLB 30, p. 45**.
- 2002 Establishment of the Committee for the Management of Non-nuclear Radioactive Waste (NLB 73, p. 95).
- 2005 Guidance for Geological Disposal of Nuclear Waste (NLB 76, p. 87)

### Case law

- 1986 Decision by Ministry of Industry denying Studsvik Energiteknik AB the right to store nuclear waste from foreign countries (NLB 39, p. 29).
- 1998 and 1999 Decisions of the Supreme Administrative Court on the closure of Barsebäck 1 (NLB 62, p. 52; NLB 64, p. 43).
- 2003 Judgment of the Gota Court of Appeal on Negligent Violation of the Swedish Act on Nuclear Activities (NLB 72, p. 40).
- 2006 Judgment on Plans for the Dismantling of Barsebäck (NLB 78, p. 37).

### Administrative decisions

- 1968 Decision fixing the Amount of Liability of the AB-ASEA-ATOM Company (NLB 3, p. 27).
- 1974 Decision on a Governmental Committee's Mandate to Study Problems Raised by Treatment and Storage of Waste (NLB 14, p. 33).
- 1987 Violation of Prescribed Technical Specifications for Operation in Oskarshamn 3 (NLB 41, p. 35).
- 1999 Agreement on a Compensation Plan for the Early Shutdown of Barsebäck 1 (NLB 65, p. 27).
- 2002 Parliamentary Decision rescinding the shutdown date for Barsebäck-2 (NLB 69, p. 62).
- 2004 Decision of the Environmental Court on Permits for Studsvik Nuclear AB and Svafo AB (NLB 74, p. 36).
- 2005 Decision on the Early Shutdown of Barsebäck-2 (NLB 75, p. 110).

### Agreements

- 1968 Agreement with Finland on Peaceful Uses of Nuclear Energy (NLB 7, p. 36; NLB 16, p. 41).
- 1968 Agreement with Switzerland on Co-operation in the Peaceful Uses of Nuclear Energy. 1990 Additional Protocol (NLB 49, p. 75).
- 1974 Co-operative Agreement with the United States on Nuclear Energy Regulatory Matters (NLB 15, p. 31).
- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 33). The text of the Act is reproduced in **NLB 19, p. 38**.
- 1983 Co-operation Agreement with the United States in the Field of Peaceful Uses of Nuclear Energy (NLB 33, p. 35).

- 1986 and 1987 Agreements with Norway, Finland and Denmark on the Exchange of Information and Early Notification in Case of a Nuclear Accident or Radiological Emergency (NLB 39, p. 35).
- 1988 Agreement with the USSR on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations (NLB 46, p. 88).
- 1990 Agreement with Germany on Early Notification of a Nuclear Accident (NLB 47, p. 73).
- 1990 Co-operation Agreement with Euratom in the Field of Radiation Protection (NLB 47, p. 73).
- 1997 Agreement with the Russian Federation concerning Co-operation in the Regulation of Nuclear Safety and Radiation Protection (NLB 62, p. 85).
- 1997 Arrangement with South Africa for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 62, p. 87).
- 1999 Agreement with Ukraine on Early Notification of Nuclear Accidents and on the Exchange of Information on Nuclear Facilities (NLB 64, p. 72).
- 1999 Agreement with Ukraine on Co-operation in the Field of Nuclear Safety (NLB 65, p. 66).
- 2000 Framework Agreements with Lithuania for Co-operation in the Field of Nuclear Safety (NLB 65, p. 64).

## Switzerland

### Legislative and regulatory activities

#### *Environmental protection*

- 1977 Ordinance on Collection and Dispatch of Radioactive Waste (NLB 24, p. 19).

#### *General legislation, regulations and instruments*

- 1959 Federal Act on the Peaceful Uses of Atomic Energy and Protection against Radiation. Successive Amendments (NLB 16, p. 19; NLB 28, p. 23; NLB 29, p. 25; NLB 31, p. 13; NLB 37, p. 21; NLB 38, p. 34; NLB 52, p. 67; NLB 53, p. 93; NLB 54, p. 57; NLB 55, p. 42). Replaced by the 2003 Federal Act on Nuclear Energy (NLB 71, p. 80; NLB 72, p. 57). The text of the Act is reproduced in the **Supplement to NLB 72**.
- 1978 Ordinance on Definitions and Licences in the Atomic Energy Field (NLB 22, p. 22; NLB 24, p. 17). Repealed and replaced in 1984 (NLB 33, p. 16). 1987 Amendments (NLB 39, p. 22; NLB 41, p. 21). 1993 Draft Amendment (NLB 53, p. 93).

- 1981 Public initiatives for a future without new atomic power plants (NLB 29, p. 24; NLB 31, p. 13). Rejected in 1984 (NLB 34, p. 25).
- 1990 Public votes on nuclear energy (NLB 46, p. 71).
- 1992 Adoption of legislation relating to the European Economic Space Treaty (NLB 49, p. 61).
- 2004 Ordinance on Nuclear Energy (NLB 75, p. 125).
- 2006 Second Set of Ordinances on Nuclear Energy (NLB 78, p. 57).
- 2018 New Nuclear Energy Act and withdrawal from nuclear energy (NLB 100, p. 103).
- 2024 Proposal of the Swiss Federal Council to lift the ban on construction of new nuclear power plants in Switzerland – Opening to consultation (NLB 113, p. 77).

#### **Liability and compensation**

- 1977 Order on Cover for Nuclear Third Party Liability (NLB 20, p. 17).
- 1981 Ordinance on Cover for Third Party Liability Resulting from Nuclear Power Plant Operation (NLB 29, p. 26).
- 1983 Act on Nuclear Third Party Liability (NLB 23, p. 27; NLB 25, p. 23; NLB 29, p. 26; NLB 31, p. 14; NLB 33, p. 18). The text of the Act is reproduced in the **Supplement to NLB 32**. 1991 Amendment (NLB 49, p. 61). 1983 Implementing Ordinance (NLB 33, p. 19). 1985, 1996, 2000 and 2002 Amendments (NLB 37, p. 22; NLB 59, p. 59; NLB 67, p. 53; NLB 71, p. 82).
- 1987 Indemnifications following the Chernobyl disaster (NLB 40, p. 19).
- 1990 Ordinance raising the Nuclear Operator's Third Party Liability Insurance Cover (NLB 47, p. 55).
- 1997 Ordinance on Third Party Liability (NLB 61, p. 87).
- 2005 Draft Act on Nuclear Third Party Liability (NLB 76, p. 88).
- 2015 The Swiss Federal Council adopts the revised Nuclear Energy Third Party Liability Ordinance (NLB 95, p. 81).
- 2015 Obligation of insurance, risks not covered by private insurers – Partial revision of the Ordinance on Nuclear Third Party Liability (Ordonnance sur la responsabilité civile en matière nucléaire) (ORCN) (NLB 96, p. 93).
- 2022 Entry into force of the Law of 13 June 2008 on third-party liability in the field of nuclear energy (LRCN, RS 732.44) (NLB 108/109, p. 119).
- 2022 Entry into force of the Ordinance on third-party liability in the field of nuclear energy (ORCN, RS 732.441) (NLB 108/109, p. 119).
- 2023 Revision of the Ordinance of 25 March 2015 on third-party liability in the field of nuclear energy (NLB 110, p. 77).

- 2024 Revision of the Ordinance on Third Party Liability in the Field of Nuclear Energy (NLB 112, p. 144).

### **Nuclear installations**

- 1978 Federal Order concerning the 1959 Atomic Energy Act (NLB 19, p. 11; NLB 20, p. 16; NLB 22, p. 22; NLB 23, p. 26; NLB 29, p. 25; NLB 31, p. 14). 1990 Extension (NLB 47, p. 55). 1994 and 1997 Revisions (NLB 54, p. 57; NLB 55, p. 43; NLB 60, p. 92).
- 1979 Ordinance on the Procedure Applicable for the General Licence for Atomic Installations (NLB 24, p. 18).
- 1983 Ordinance Concerning Funds for the Decommissioning of Nuclear Installations (NLB 33, p. 18).
- 1983 Ordinance on the Supervision of Nuclear Installations (NLB 33, p. 18).
- 1985 Ordinance on Fees in the Nuclear Field (NLB 36, p. 18).
- 2014 Revision of Ordinance on the Decommissioning Fund and the Waste Disposal Fund for Nuclear Installations (NLB 94, p. 129).
- 2018 Decommissioning order for the Mühleberg nuclear power plant (NLB 101, p. 89).
- 2019 Opening of the cooling water discharge authorisation procedure for the Beznau nuclear power plant (NLB 103, p. 61).
- 2019 Revision of the Order on the Decommissioning Fund and on the Management Fund (OFDG) (NLB 104, p. 24).
- 2023 Revision of the Ordinance on the qualification of staff working in nuclear installations and of the Ordinance on security guards at nuclear installations (NLB 110, p. 77).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1959 Federal Act on the Peaceful Uses of Atomic Energy and Protection against Radiation (see under “General legislation, regulations and instruments” supra).
- 1968 Ordinance on Radioactive Timepieces (NLB 2, p. 28).
- 1969 Order on Radiation Protection in Nuclear Research Institutes (NLB 4, p. 11). The text of the Order is reproduced in **NLB 4, p. 31**.
- 1976 Radiation Protection Ordinance (NLB 18, p. 33). 1983 and 1988 Amendments (NLB 33, p. 17; NLB 42, p. 25).
- 1978 Ordinance on Personnel Training in Radiation Protection (NLB 24, p. 18).
- 1981 Ordinance on the Recognition and Operation of Individual Dosimetry Services (NLB 29, p. 25).
- 1983 Ordinance on Emergency Measures for Protection of the Population Neighbouring Nuclear Installations (NLB 33, p. 17).

- 1987 Ordinance Organising the Measures to be Taken in Case of Increased Radioactivity (NLB 40, p. 18).
- 1991 Act and 1994 Order on Radiation Protection (NLB 42, p. 24; NLB 55, p. 44). The texts of the Act and the Order are reproduced in the **Supplement to NLB 57**. 1996 and 1999 Amendments of the Order (NLB 58, p. 112; NLB 65, p. 53). 1998 Implementing Ordinance on Radiological Installations for Medical Use (NLB 62, p. 70). 1999 Implementing Ordinance on Individual Dosimetry (NLB 65, p. 53).
- 1992 Ordinance on the Distribution of Iodine Tablets to the Population (NLB 50, p. 71).
- 2017 Review of Articles 34 and 34a of the Nuclear Energy Ordinance and proof of safety for long-term operation (NLB 100, p. 101).
- 2018 Entry into force of the new law on radiation protection (NLB 100, p. 101).
- 2019 Amendments to the Nuclear Energy Ordinance (NLB 102, p. 98).
- 2019 Amendments to the Ordinance of the DETEC on the Methodology and Boundary Conditions for the Evaluation of the Criteria for the Provisional Taking-out-of-Service of Nuclear Power Plants (TooSO) (NLB 102, p. 99).
- 2019 Amendments to the Ordinance of the DETEC on Hazard Assumptions and Evaluation of Protection Measures against Accidents in Nuclear Installations (HaO) (NLB 102, p. 99).
- 2019 Amendments to the Radiological Protection Ordinance (NLB 102, p. 99).
- 2019 Comprehensive revision of the Ordinance on Protection of the Population in the Vicinity of Nuclear Installations in the Case of an Emergency (Emergency Preparedness Ordinance – OPU) (NLB 102, p. 100).
- 2021 Study on extreme flood events on the River Aare (EXAR) (NLB 106, p. 36).
- 2021 Modernisation of civil protection and civil defence (NLB 106, p. 37).
- 2023 Partial revision of the Radiological Protection Act (RPA) and the Iodine Tablets Ordinance (NLB 112, p. 143).
- 2023 Failure analysis in nuclear installations and the Low Dose Ionising Radiation Report (NLB 112, p. 144).
- 2024 Technology Monitoring of Nuclear Energy (NLB 113, p. 77).

#### **Nuclear trade (including non-proliferation)**

- 1978 Ordinance on Definitions and Licences in the Nuclear Field. 1993 Amendment to include the Nuclear Suppliers Group Guidelines (NLB 53, p. 94).

#### **Organisation and structure**

- 1968 Order on the Reorganisation of the Federal Administrative Authorities in the Nuclear Field (NLB 3, p. 14).
- 1983 Ordinance concerning the Federal Commission for the Safety of Nuclear Installations (NLB 31, p. 14).

- 1987 Ordinance concerning the Paul-Scherrer Institute (NLB 41, p. 21).
- 2009 Law on new Federal Nuclear Safety Inspectorate (NLB 83, p. 108).

### **Radioactive waste management**

- 1979 Federal Ordinance on Preparatory Measures for the Construction of a Radioactive Waste Repository (NLB 28, p. 25). Repealed and replaced in 1989 (NLB 45, p. 65).
- 1985 Completion of “Garantie” Project on radioactive waste management (NLB 35, p. 30).
- 1989 Ordinance on Preparatory Measures for a Radioactive Waste Repository (NLB 45, p. 65).
- 1996 Ordinance on the Transport of Radioactive Waste (NLB 58, p. 113).
- 2000 Ordinance on the Fund for the Management of Radioactive Waste from NPPs (NLB 65, p. 54).
- 2015 Second revision of the Ordinance on the Decommissioning Fund and the Waste Disposal Fund for Nuclear Installations (NLB 96, p. 92).
- 2017 Sectoral plan for deep geological repositories and Stage 2 consultation (NLB 100, p. 102).
- 2018 Clearance for drilling in the potential siting areas for future deep geological repositories by the Federal Department of the Environment, Transport, Energy and Communications (DETEC) (NLB 101, p. 88).
- 2019 Sectoral Plan for Deep Geological Repositories, third stage (NLB 102, p. 101).
- 2018 Paul Scherrer Institute’s Eastern Storage Area (OSPA): Entry into force of the combined construction and operation licence (NLB 103, p. 61).
- 2020 Authorisations to drill in potential areas for a deep geological repository identified by the Federal Department for Environment, Transports, Energy and Communication (DETEC) (NLB 104, p. 25).
- 2022 Report on geological disposal of radioactive waste: Dealing with uncertainties in safety cases (NLB 108/109, p. 116).
- 2022 4<sup>th</sup> revision of the Ordinance on the decommissioning fund and the management fund (OFDG) (NLB 108/109, p. 118).
- 2024 Ordinance on Nuclear Energy (NLB 112, p. 145).
- 2024 General licence requests concerning a deep geological repository and an encapsulation plant for fuel elements (NLB 113, p. 77).

### **Case law**

- 1973 Decision of the Federal Court of Lausanne concerning a construction permit for a nuclear power plant (NLB 13, p. 22).

- 1986 Establishment of a radioactive waste repository (preparatory measures) (NLB 37, p. 33).
- 1990 Compensation for market-gardeners after the Chernobyl disaster (NLB 46, p. 42).
- 1995 Judgment of the Federal Court on the right to oppose the transport of nuclear fuel by rail (NLB 56, p. 63).
- 1996 Compensation for refusing to grant a general licence (NLB 57, p. 65).
- 1997 (*Balmer-Schafroth and Others v. Switzerland*) Decision of the European Court of Human Rights (NLB 60, p. 65).
- 2012 Judgment of the Federal Administrative Court in the matter of *Balmer-Schafroth a.o.v. BKW FMB Energy Ltd* on the repeal of the time limitation with respect to the operating licence for the Mühleberg nuclear power plant (NLB 89, p. 110).
- 2012 Judgment of the Federal Administrative Court in the matter of *Balmer-Schafroth a.o.v. BKW FMB Energy Ltd* on the revocation of the operating licence for the Mühleberg nuclear power plant (NLB 90, p. 109).
- 2013 Unlimited-duration operating licence granted to the Mühleberg nuclear power plant (NLB 91, p. 108).
- 2013 Judgment of the Federal Supreme Court in the matter of the Département fédéral de l'environnement, des transports, de l'énergie et de la communication (DETEC) against Ursula Balmer-Schafroth and others on consideration of admissibility of a request to withdraw the operating licence for the Mühleberg nuclear power plant (NLB 92, p. 91).
- 2021 Judgment of 25 March (2C\_206/2019) regarding the the seismic safety assessment for the Beznau nuclear power plant (NLB 106, p. 27).

### **Administrative decisions**

- 1985 Kaiseraugst nuclear power plant project – general licence granted (NLB 36, p. 28). 1989 Agreement on Stoppage of Work on the Power Plant (NLB 44, p. 25).
- 1985 Geological investigations for constructing repositories – licences granted (NLB 36, p. 29).
- 1985 “Garantie” Project licence extended (NLB 36, p. 30).
- 1985-1986 Licensing of a uranium storage facility at Wurenlingen (NLB 36, p. 28; NLB 38, p. 42).
- 1985 Increase in nominal thermal power of Gosgen nuclear power plant (NLB 37, p. 35).
- 1989 Decision not to ratify the Paris Convention and the Brussels Supplementary Convention (NLB 44, p. 25).
- 1990 Application for a licence for an interim central radioactive waste repository (NLB 46, p. 49; NLB 49, p. 46; NLB 52, p. 46).

- 1991 Licence for unlimited operation of Beznau II NPP (NLB 53, p. 49).
- 1992 Mühleberg nuclear power plant – Bern electorate consultation (NLB 49, p. 47). 1992 and 1998 Extensions of operating licence (NLB 51, p. 58; NLB 63, p. 59).
- 1992 Request for an increase in power of the Leibstadt nuclear power plant (NLB 51, p. 58). 1997 Decision not to recommend authorisation of an increase in power of the Leibstadt power plant (NLB 60, p. 71). 1998 Increase in nominal thermal power of the Leibstadt nuclear power plant (NLB 63, p. 59).
- 1993 Selection of a central interim radioactive waste repository (Würenlingen) (NLB 52, p. 46).
- 1993-1994 Selection of a site for a radioactive waste repository (Wellenberg) (NLB 52, p. 47; NLB 54, p. 41).
- 1998 Change of direction in energy policy: planned closure of existing Swiss nuclear power plants (NLB 63, p. 60).
- 1999 Rejection of the constitutional initiative requesting shutdown of the Mühleberg NPP (NLB 65, p. 28). 2000 Votes on new energy taxes and early closure of the Mühleberg nuclear power plant (NLB 66, p. 32).
- 2002 Public vote on the proposal for a final repository for short-lived low and medium-level radioactive waste (NLB 70, p. 25).
- 2012 Swiss Federal Council draft Energy Strategy 2050 for public consultation (NLB 90, p. 126).

## Agreements

- 1965 Convention with France concerning the Extension onto French Territory of the Estate of CERN. 1973 Amendment (NLB 13, p. 32).
- 1968 Agreement with Sweden on Co-operation in the Peaceful Uses of Nuclear Energy. 1990 Additional Protocol (NLB 49, p. 75).
- 1970 Co-operation Agreement with France for the Peaceful Uses of Atomic Energy (NLB 9, p. 35). Repealed and replaced in 1988 (NLB 47, p. 71).
- 1974 Co-operative Agreement with the United States on Nuclear Energy Regulatory Matters (NLB 15, p. 32).
- 1975 Agreement with France and the Federal Republic of Germany relating to a Tripartite Commission for Neighbourhood Problems in Border Areas (NLB 19, p. 34).
- 1978 Agreement with the Federal Republic of Germany on Radiation Protection in Case of Emergency (NLB 22, p. 36; NLB 23, p. 54). The text of the Agreement is reproduced in **NLB 22, p. 51**. 1986 Exchange of notes (NLB 42, p. 50).
- 1978 Accession of Switzerland to the Joint European Torus (JET) Joint Undertaking (NLB 22, p. 41).

- 1979 Agreement with France on Exchange of Information in Case of Radiation Emergency (NLB 25, p. 38). Repealed and replaced in 1989 (NLB 45, p. 82).
- 1982 Agreement with the Federal Republic of Germany on Construction and Operation of Nuclear Installations in Border Areas (NLB 31, p. 30; NLB 33, p. 34).
- 1984 Co-operation Agreement between the Swiss National Corporation for the Disposal of Radioactive Waste (CEDRA) and Euratom (NLB 34, p. 44).
- 1984 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 35, p. 54).
- 1984 Agreement with the Federal Republic of Germany on Mutual Emergency Assistance (NLB 39, p. 38).
- 1986 Agreement with Australia for Co-operation in the Nuclear Field (NLB 37, p. 40).
- 1986 Agreement with the People's Republic of China for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 39, p. 37).
- 1986 Agreement with the Federal Republic of Germany on Third Party Liability in the Nuclear Field (NLB 39, p. 38; NLB 42, p. 51). The text of the Agreement is reproduced in **NLB 39, p. 51**.
- 1987 Agreement with France on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 43, p. 93).
- 1987 Agreement with Canada for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 58). The text of the Agreement is reproduced in **NLB 44, p. 69**.
- 1988 Agreement with France on Return of Plutonium (NLB 47, p. 71).
- 1989 Agreement with Italy on Exchange of Information on Nuclear Installations (NLB 45, p. 83).
- 1990 Research and Development Co-operation Agreement with Euratom in the Field of Radioactive Waste Management (NLB 47, p. 74).
- 1992 Agreement with Belgium on Peaceful Nuclear Co-operation (NLB 50, p. 78).
- 1997 Agreement with the United States in the Field of Radioactive Waste Management (NLB 61, p. 101).
- 1999 Agreement with Austria on the Early Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 61; NLB 68, p. 78).

## Syrian Arab Republic

### Agreements

- 1999 Agreement with the Russian Federation on Co-operation on the Peaceful Uses of Nuclear Power (NLB 64, p. 71).

## Chinese Taipei

### Legislative and regulatory activities

#### *Liability and compensation*

- 1971 Law on Compensation for Nuclear Damage. 1997 Amendment (NLB 60, p. 80). The text of the Law, as amended, is reproduced in **NLB 64, p. 77**. The text of the 1998 Enforcement Rules is reproduced in **NLB 64, p. 85**. The text of the Announcement of the Atomic Energy Council of the Executive Yuan is reproduced in **NLB 64, p. 89**.

#### *Nuclear installations*

- 2003 Nuclear Reactor Facilities Regulation Act (NLB 71, p. 61).

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 2002 Ionising Radiation Protection Act (NLB 71, p. 59).
- 2003 Nuclear Emergency Response Act (NLB 74, p. 41).

#### *Radioactive waste management*

- 2002 Nuclear Materials and Radioactive Waste Management Act (NLB 71, p. 61).

### Case law

- 2001 Decision of the Grand Council of Justices quashing the 2000 governmental Decision to halt construction of the Lungmen NPP (NLB 67, p. 27).

## **Tanzania**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1983 Protection from Radiation Act (NLB 37, p. 23).

#### ***Radioactive waste management***

- 1999 Radioactive Waste Management for the Protection of Human Health and Environment Regulations (NLB 69, p. 89).

## **Thailand**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1971 Summary of the legislation governing nuclear activities in Thailand (NLB 8, p. 19).

## **Tunisia**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1981 Act on Protection against Sources of Ionising Radiation (NLB 31, p. 15). 1986 Decree (NLB 38, p. 35).

#### ***Organisation and structure***

- 1982 Decree creating the National Centre for Radiation Protection (NLB 35, p. 31).
- 1990 Decree setting up a National Atomic Energy Commission (NLB 47, p. 56).
- 1994 Act and Decree on Creation of National Centre for Nuclear Science and Technology (NLB 53, p. 94; NLB 54, p. 57).

**Radioactive waste management**

- 1996 Draft Law relating to the Control, Management and Disposal of Waste (NLB 58, p. 113).

**Transport of radioactive materials**

- 1997 Law on the Transport of Dangerous Substances by Road (NLB 60, p. 93).

**Agreements**

- 2008 Agreement with France for Training of Engineers and Exchange of Nuclear Expertise (NLB 82, p. 200).
- 2009 Agreement with France on the Development of Nuclear Energy for Peaceful Purposes (NLB 83, p. 141).

## Türkiye

**Legislative and regulatory activities****General legislation, regulations and instruments**

- 2007 Law Concerning the Construction and Operation of Nuclear Power Plants and the Sale of Energy Generated from Those Plants (NLB 80, p. 88).
- 2008 Regulations on criteria to be met by investors who will construct and operate nuclear power plants (NLB 81, p. 116).
- 2008 Regulation on requirements according to Article 3(3) of the new law on the construction of nuclear power plants and the sale of energy (NLB 81, p. 117).
- 2009 Developments since the adoption of the Law on the Construction and Operation of Nuclear Power Plants (NLB 83, p. 109).

**Liability and compensation**

- 1984 Act authorising Ratification of the 1982 Protocol to amend the Paris Convention (NLB 34, p. 46; NLB 37, p. 46).

**Licensing and regulatory infrastructure**

- 2010 Directive on Principles of Licensing of Nuclear Power Plants (NLB 88, p. 94).

**Nuclear installations**

- 1975 Decree on the Licensing of Nuclear Installations (NLB 15, p. 19). 1980 Amendment (NLB 26, p. 24).

- 1975 Technical Regulations for the General Design and Safety Criteria to be Used for Safe Design and Construction of Reactors (NLB 16, p. 19).
- 1978 Regulations on the Issue of Licences to Operators of Nuclear Facilities (NLB 22, p. 23).
- 1979 Nuclear Safety Codes for the Licensing of Nuclear Installations (NLB 23, p. 28). 1979 Definitions (NLB 25, p. 23).
- 1983 Regulations on Technical Support for Nuclear Projects (NLB 32, p. 13).
- 1983 Decree on the Licensing Procedure for Nuclear Installations (NLB 33, p. 19).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1968 Regulations on Radiation Protection (NLB 7, p. 23).
- 1973 Decree on Dangerous Activities (NLB 26, p. 24).
- 1973 Decree on the Protection of Medical Workers (NLB 26, p. 24).
- 1974 and 1975 Decrees on Radiation Protection and Safety (NLB 17, p. 17). 1985 Amendment (NLB 36, p. 18).
- 2009 Regulation on Nuclear Power Plant Sites (NLB 88, p. 94).
- 2009 Regulation on High Activity Sealed Radioactive Sources and Orphan Sources (NLB 88, p. 94).
- 2010 Regulation on Radiation Safety Inspections and Enforcements (NLB 88, p. 94).
- 2010 Regulation on Specific Safety Principles for Nuclear Fuel Cycle Facilities (NLB 88, p. 94).
- 2010 Revision of Regulation on Radiation Safety (NLB 88, p. 94).
- 2011 Regulation on Protection of Outside Workers from Ionising Radiation (NLB 88, p. 94).

#### ***Nuclear trade (including non-proliferation)***

- 1972 Ratification of the 1971 Treaty on Denuclearisation of the Seabed (NLB 10, p. 29).

#### ***Nuclear-powered ships***

- 1979 Regulations on the Transit and Visit in Turkish Waters of Foreign Armed Forces Nuclear-powered Ships (NLB 26, p. 24).
- 1983 Decree on Visits of Foreign Armed Forces Vessels in Turkish Waters (NLB 33, p. 19).

#### ***Organisation and structure***

- 1972 Reorganisation of the Atomic Energy Commission (NLB 10, p. 22). 1982 Act establishing the Turkish Atomic Energy Authority (NLB 28, p. 25; NLB 30, p. 17).

- 1978 Regulations on the Operational Principles of the Nuclear Safety Department (NLB 22, p. 23). 1979 Reorganisation of the Department (NLB 24, p. 19).

#### **Radioactive materials (including physical protection)**

- 1979 Code of Practice on Physical Protection Requirements for Nuclear Materials (NLB 25, p. 24).
- 1984 Act authorising Ratification of the Convention on the Physical Protection of Nuclear Material (NLB 34, p. 46).

#### **Agreements**

- 1985 Agreement with Canada for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).
- 1988 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 48; NLB 49, p. 71).
- 1988 Agreement with the USSR on Early Notification of Nuclear Accidents and Exchange of Information on Nuclear Facilities (NLB 42, p. 52).
- 1997 Agreement with Bulgaria on Early Notification of a Nuclear Accident (NLB 60, p. 105).
- 2000 Agreement with Ukraine on Early Notification of a Nuclear Accident and on Exchange of Information on Nuclear Facilities (NLB 67, p. 64).
- 2008 Agreement with the United States for Co-operation in the Peaceful Use of Nuclear Energy (NLB 82, p. 200).
- 2010 Protocol Agreement with Korea to Co-operate on the Construction and Operation of a Nuclear Power Plant in Türkiye (NLB 85, p. 151).
- 2010 Protocol Agreement with the Russian Federation to Co-operate on the Construction and Operation of a Nuclear Power Plant in Türkiye (NLB 85, p. 151).
- 2010 Memorandum of Understanding with Korea on Co-operation in Nuclear Energy (NLB 86, p. 93).
- 2022 Memorandum of Understanding between the Nuclear Regulatory Authority of the Slovak Republic and the Nuclear Regulatory Authority of the Republic of Türkiye for Cooperation and Exchange of Information in the Field of Nuclear Safety (NLB 108/109, p. 112).

## Uganda

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1972 Atomic Energy Decree (NLB 16, p. 20).

## Ukraine

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1995 Law on the Use of Nuclear Energy and Radiation Safety (NLB 56). The text of the Law is reproduced in the **Supplement to NLB 56**. 1997 and 2004 Amendments (NLB 61, p. 89; NLB 73, p. 96).
- 2011 Law No. 4101 – VI on peculiarities of purchasing non-irradiated fuel elements (cartridges) for nuclear reactors (NLB p. 89, p. 132).
- 2011 Order on outreach to the population that lives in the areas of operating nuclear power plants (NLB 89, p. 133).
- 2011 Action plan on ensuring openness and accessibility of information related to the use of nuclear energy, as well as improving nuclear safety culture in nuclear power (NLB 89, p. 133).
- 2012 Law on the “location, design and construction of reactors numbers 3 and 4 of the Khmelnytsky Nuclear Power Plant” (NLB 90, p. 127).

#### *Liability and compensation*

- 1997 Law on the Introduction of Amendments to Certain Legislative Acts in Connection with the Accession of Ukraine to the Vienna Convention on Civil Liability for Nuclear Damage (NLB 61, p. 89).
- 1999 Decree concerning Ratification of the 1988 Joint Protocol relating to the Application of the Vienna Convention and the Paris Convention (NLB 63, p. 83). 1999 Law authorising the Accession by Ukraine to the Protocol (NLB 64, p. 61).
- 1999 Resolution on Indemnifying Participants in the Shelter Implementation Plan against Civil Liability for Nuclear Damage (NLB 63, p. 83).
- 2001 Law on Civil Liability for Nuclear Damage and its Financial Security (NLB 69, p. 90). The text of the Law is reproduced in the **Supplement to NLB 69**.
- 2003 Decree on Compulsory Insurance of Civil Liability for Nuclear Damage (NLB 72, p. 58).

- 2003 Establishment of a Nuclear Insurance Pool (NLB 75, p. 127).
- 2006 Amendment to the 2001 Law on Civil Liability for Nuclear Damage and Its Financial Security (NLB 77, p. 64).

### **Nuclear installations**

- 1998 Law on Basic Principles governing the Further Operation and Decommissioning of Chernobyl (NLB 63, p. 82).
- 2000 Law on the Licensing of Activities in the Field of Nuclear Energy (NLB 65, p. 56).
- 2004 Law on Questions Relating to Maintenance of Nuclear Safety (NLB 75, p. 126).
- 2005 Law on the Decision-making Procedure Applicable to the Siting, Design and Construction of Nuclear Installations and Radioactive Waste Management Facilities (NLB 76, p. 90).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1991 Legislation on Protection of the Public after the Chernobyl Accident (NLB 52, p. 68).
- 1998 Law on Protection against Ionising Radiation (NLB 61, p. 90).
- 2011 Law on approval of the comprehensive (consolidated) programme to improve the safety of power units of nuclear power plants (NLB 89, p. 133).

### **Nuclear security**

- 2011 Decree on approval of the functioning of the state system of physical protection (NLB 89, p. 134).

### **Organisation and structure**

- 1994 Order establishing the Ministry for Protection of the Environment and Nuclear Safety (NLB 55, p. 45).
- 1996 Creation of the Chernobyl Centre for Nuclear Safety Radioactive Waste and Radioecological Research (NLB 60, p. 93).
- 1999 Decree on the Reorganisation of the Nuclear Control Structures (establishment of the State Nuclear Regulatory Administration of Ukraine) (NLB 63, p. 82). 1999 Implementing Decree (NLB 64, p. 61). 1999 Amendment (NLB 65, p. 55).
- 2000 Decree on State Regulation of Nuclear and Radiation Safety, establishing the State Nuclear Regulatory Committee of Ukraine (NLB 67, p. 53).
- 2001 Decree establishing Chernobyl Nuclear Power Plant (NLB 68, p. 70).
- 2008 Decree creating the state enterprise “Nuclear Fuel” (NLB 82, p. 129).

- 2014 Decree establishing the Supervisory Board for Control of the Use and Investment of the Financial Reserves Fund Intended for decommissioning of Nuclear Power Plant Units in Operation (NLB 93, p. 111).

#### **Radioactive materials (including physical protection)**

- 1997 Law on Uranium Ore Mining and Processing (NLB 61, p. 89).

#### **Radioactive waste management**

- 1995 Law on Radioactive Waste Management (NLB 55, p. 45; NLB 58, p. 114). 2008 Amendment (NLB 82, p. 130).
- 2012 law on the treatment of spent nuclear fuel with respect to location, design and construction of a centralised repository for spent nuclear fuel from VVER reactors of domestic nuclear power plants (NLB 89, p. 134; NLB 90, p. 127).

#### **Agreements**

- 1993 Agreement with Poland on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Safety and Radiation Protection (NLB 52, p. 81; NLB 53, p. 109).
- 1993 Agreement with the United States on Operational Safety Enhancements, etc. (NLB 53, p. 109).
- 1993 Agreement with the United States on Non-proliferation of Nuclear Weapons from Ukraine. 1999 Extension (NLB 64, p. 72).
- 1993 Agreement with Germany on Co-operation in Nuclear Safety and Radiation Protection (NLB 54, p. 66).
- 1994 Agreement with Norway on Early Notification and Information Exchange (NLB 54, p. 67).
- 1995 Memorandum of Understanding with the Governments of the G7 Countries and the Commission of the European Communities on the Closure of the Chernobyl Nuclear Power Plant (NLB 57, p. 107). The text of the Memorandum is reproduced in **NLB 57, p. 107**.
- 1995 Memorandum of Understanding with the European Commission for Technical Assistance (NLB 57, p. 89).
- 1997 Agreement with the Czech Republic on Co-operation in the Field of Nuclear Energy (NLB 60, p. 105).
- 1997 Arrangement with the United Kingdom on Exchange of Information on Nuclear Installation Safety Regulation (NLB 60, p. 107).
- 1997 Agreement with Hungary on Early Notification and Co-operation in the Field of Nuclear Safety (NLB 61, p. 101).
- 1998 Agreement with Bulgaria for Co-operation in the Field of the State Registration and Safety Control in the Use of Atomic Energy for Peaceful Purposes (NLB 62, p. 81).

- 1998 Agreement with the United States concerning Peaceful Uses of Nuclear Energy (NLB 62, p. 87).
- 1998 Agreement with the United States concerning the International Radioecology Laboratory of the International Chernobyl Centre on Nuclear Safety, Radioactive Waste and Radioecology (NLB 62, p. 88).
- 1998 Agreement with France on the Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
- 1998 Agreement with the Slovak Republic on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 64, p. 71).
- 1999 Agreement with Sweden on Early Notification of Nuclear Accidents and on the Exchange of Information on Nuclear Facilities (NLB 64, p. 72).
- 1999 Agreement with Sweden on Co-operation in the Field of Nuclear Safety (NLB 65, p. 66).
- 1999 Agreement with Armenia on Technical Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 64, p. 67).
- 2000 Implementing Agreement with the United States concerning the Ukraine Nuclear Fuel Qualification Project (NLB 67, p. 64).
- 2000 Agreement with Türkiye on Early Notification of a Nuclear Accident and on Exchange of Information on Nuclear Facilities (NLB 67, p. 64).
- 2001 Agreement with Belarus on Early Notification of a Nuclear Accident and Co-operation in the Field of Radiation Safety (NLB 69, p. 99).
- 2001 Agreement with Latvia on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 69, p. 101).
- 2002 Protocol with the Russian Federation on Co-operation in the Field of the Peaceful Use of Atomic Energy (NLB 69, p. 103).
- 2002 Agreement with the Russian Federation on Exchange of Information and Co-operation in the Field of Safety Regulation in Respect of the Peaceful Utilisation of Nuclear Energy (NLB 70, p. 66).
- 2002 Agreement with the Russian Federation and Bulgaria on Nuclear Transport (NLB 72, p. 69).
- 2003 Agreement with Bulgaria on Co-operation in the Field of State Regulation and Control of Safety during the Use of Nuclear Energy (NLB 71, p. 85).
- 2004 Agreement with Romania on Early Notification of Nuclear Accidents and Exchange of Information in the Field of Nuclear and Radiation Safety (NLB 74, p. 80).
- 2009 Agreement with the Russian Federation Securing Ukraine's Nuclear Fuel Supply for 2009-2010 (NLB 83, p. 141).

- 2010 Agreement with the Russian Federation on the Completion of Two Reactor Units at Ukraine's Khmel'nitski Nuclear Power Plant (NLB 86, p. 94).
- 2013 Ratification of agreement between the Cabinet of Ukraine and the Government of the Kingdom of Norway regarding collaboration in the field of nuclear and radiation safety, decommissioning of the Chernobyl nuclear power plant and transformation of the Chernobyl "shelter" into an ecologically safe system (NLB 92, p. 113).
- 2013 Agreement between the State Nuclear Regulatory Inspectorate of Ukraine and the Ministry of Extraordinary Situations of the Republic of Belarus (NLB 92, p. 113).

## **United Arab Emirates**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 2009 Federal law on the peaceful use of nuclear energy (NLB 84, p. 139).

#### ***Liability and compensation***

- 2012 Federal Law by Decree No. 4 concerning Civil Liability for Nuclear Damage (NLB 90, p. 128).
- 2014 Ratification of the Convention on Supplementary Compensation for Nuclear Damage (NLB 94, p. 130).

#### ***Nuclear installations***

- 2012 FANR issues license to Emirates Nuclear Energy Corporation to construct two nuclear power reactor units at Barakah (NLB 90, p. 128).
- 2022 FANR issues operating licence for Unit 3 of Barakah Nuclear Power Plant (NLB 108/109, p. 120).
- 2023 Licence for the Operation of Unit Four of the Barakah Nuclear Power Plant (Licence No. FANR/NF/2023/004) (NLB 112, p. 146).
- 2023 Licence for the Selection of a Site for the Construction of a Fuel Assembly Fabrication Facility (Licence No. FANR/NF/2023/003) (NLB 112, p. 146).
- 2023 Licence for the Selection of a Site for the Construction of a Radioactive Waste Management Facility (Licence No. FANR/WF/2023/005) (NLB 112, p. 146).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 2021 Regulation for Emergency Preparedness and Response for Nuclear Facilities (FANR-REG-12, Version 1) (NLB 106, p. 38).

- 2021 Regulation on the Registration and Licensing of Radiation Sources (FANR-REG-29, Version 0) (NLB 106, p. 38).
- 2022 Regulation for Leadership and Management for Safety in Nuclear Facilities (FANR-REG-01, Version 1) (NLB 108/109, p. 121).
- 2022 Regulation on Technical Services related to Radiation Safety (FANR-REG-30, Version 0) (NLB 108/109, p. 121).
- 2024 Regulation for the Certification of Operating Personnel at Nuclear Facilities (FANR-REG-17 Version 1) (NLB 112, p. 145).

#### **Nuclear security**

- 2021 Regulation for Security of Radioactive Sources (FANR-REG-23, Version 1) (NLB 106, p. 38).

#### **Nuclear trade (including non-proliferation)**

- 2021 Regulation on the Export and Import Control of Nuclear Material, Nuclear Related Items and Nuclear Related Dual-Use Items (FANR-REG-09, Version 1) (NLB 106, p. 37).

#### **Organisation and structure**

- 2009 Federal Authority for Nuclear Regulation (FANR) established (NLB 90, p. 128).

#### **Agreements**

- 2008 Memorandum of Understanding with the United States on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
- 2008 Memorandum of Understanding with the United Kingdom on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
- 2009 Agreement with Japan on civil nuclear co-operation (NLB 83, p. 141).
- 2009 Agreement with the United States for co-operation in the peaceful uses of nuclear energy (NLB 83, p. 141).
- 2010 Agreement with the United Kingdom on civilian nuclear co-operation (NLB 86, p. 93).

## **United Kingdom**

### **Legislative and regulatory activities**

#### **Environmental protection**

- 1974 Dumping at Sea Act (NLB 15, p. 22).

**Food irradiation**

- 1972 Food (Control of Irradiation) Regulations (NLB 13, p. 13).

**General legislation, regulations and instruments**

- 1965 Nuclear Installations Act. 1969, 1975, 1983 and 1990 Amendments (NLB 3, p. 15; NLB 4, p. 12; NLB 15, p. 21; NLB 31, p. 15; NLB 32, p. 16; NLB 33, p. 20; NLB 46, p. 72). The original text of the Act is reproduced in the **Supplement to NLB 1**. The text of the Act as amended in 1983 is reproduced in the **Supplement to NLB 33**.
- 1989 Atomic Energy Act (NLB 44, p. 48).
- 2001 Anti-Terrorism, Crime and Security Act (NLB 69, p. 91).

**Liability and compensation**

- 1965 Nuclear Installations Act amended by 1971 Carriage of Goods by Sea Act (NLB 20, p. 17). 1970, 1972, 1973, 1977, 1978, 1980 and 1987 Orders extending certain provisions of the 1965 Act to some Dependent Territories (NLB 6, p. 26; NLB 9, p. 27; NLB 11, p. 23; NLB 20, p. 17; NLB 24, p. 20; NLB 27, p. 15; NLB 41, p. 22).
- 1965 Nuclear Installations (Insurance Certificate) Regulations. 1969 Amendment (NLB 3, p. 16).
- 1976 Congenital Disabilities (Civil Liability) Act (NLB 19, p. 14).
- 1978 Nuclear Installations (Excepted Matter) Regulations (NLB 23, p. 29).
- 1983 Energy Act (NLB 31, p. 15; NLB 32, p. 14).
- 1983 Nuclear Installations (Prescribed Sites) Regulations (NLB 32, p. 16).
- 1994 Order increasing the Nuclear Operator's Limits of Liability (NLB 53, p. 95).

**Nuclear installations**

- 1965 Nuclear Installations Regulations. Repealed and replaced in 1971 (NLB 7, p. 25).
- 1965 Nuclear Installations (Dangerous Occurrences) Regulations. 1975 Amendment (NLB 15, p. 21).
- 1971 Nuclear Installations (Application of Security Provisions) Order (NLB 8, p. 21).
- 1978 Town and Country Planning (Windscale and Calderworks) Special Development Order (NLB 21, p. 25).
- 1981 Electricity Generating Stations and Overhead Lines (Inquiries Procedure) Rules (NLB 29, p. 28). Replaced by 1987 Rules (NLB 41, p. 22).
- 1988 Air Navigation (Restriction of Flying) (Nuclear Installations) Regulations (NLB 42, p. 27).

- 2003 Nuclear Industries Security Regulations (NLB 71, p. 83).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1968 Orders exempting Certain Radioactive Substances from the Registration Requirement (NLB 2, p. 29).
- 1968 Ionising Radiations (Unsealed Radioactive Substances) Regulations (NLB 2, p. 28; NLB 3, p. 17). 1968 Certificates (NLB 4, p. 14).
- 1969 Ionising Radiations (Sealed Sources) Regulations (NLB 3, p. 16; NLB 4, p. 12).
- 1969 Appropriate Minister Designation Order under the Radioactive Substances Act 1948 (NLB 5, p. 15).
- 1970 Radiological Protection Act (NLB 4, p. 14; NLB 6, p. 27). 1980 Amendment (NLB 27, p. 14).
- 1970 Radioactive Substances (Road Transport Workers) (Great Britain) Regulations (NLB 9, p. 27). 1975 Amendment (NLB 16, p. 22).
- 1972 Revised Code of Practice for the Protection of Persons against Ionising Radiations Arising from Medical and Dental Use (NLB 10, p. 15). Replaced by 1988 Guidance Notes (NLB 42, p. 26).
- 1974 Health and Safety at Work etc. Act (NLB 14, p. 26; NLB 15, p. 21).
- 1978 Orders on Medicines (Radioactive Substances) (NLB 22, p. 24).
- 1985 Ionising Radiation Regulations (NLB 36, p. 19).
- 1985 Code of Practice for Protection of Persons Occupationally Exposed to Radiation (NLB 36, p. 21).
- 1988 Food Protection (Emergency Prohibitions) Order (NLB 41, p. 22). 1988 Amendment (NLB 42, p. 26).
- 1992 Public Information for Radiation Emergency Regulations (NLB 52, p. 69).
- 1993 Ionising Radiations Regulation (NLB 54, p. 58).
- 2001 Radiation (Emergency Preparedness and Public Information) Regulations (NLB 69, p. 91).

#### ***Nuclear trade (including non-proliferation)***

- 2000 Nuclear Safeguards Act (NLB 67, p. 54).

#### ***Nuclear-powered ships***

- 1977 Merchant Shipping (Safety Convention) Act (NLB 20, p. 18).

#### ***Organisation and structure***

- 1969 Order dissolving the Ministry of Power and transferring its functions to the Ministry of Technology (NLB 4, p. 12).

- 1970 Order establishing a Secretary of State for Trade and Industry and unifying the functions of the Board of Trade and those of the Ministry of Technology (NLB 7, p. 25).
- 1971 Atomic Energy Authority Act (NLB 5, p. 14; NLB 7, p. 25). Extracts from the Act are reproduced in **NLB 11, p. 51**. 1971 Implementing Decree (NLB 8, p. 21). 1973 Atomic Energy Authority (Weapons Group) Act (NLB 13, p. 12). 1976 Atomic Energy Authority (Special Constables) Act (NLB 18, p. 35). 1986 Atomic Energy Authority Act (NLB 37, p. 26).
- 1974 Order extending the Functions and Powers of the National Radiological Protection Board (NLB 14, p. 25).
- 1975 Official Secrets (Prohibited Places) Order (NLB 15, p. 20).
- 1980 National Radiological Protection Board (Constitution Amendment) Order (NLB 27, p. 14).
- 1981 Atomic Energy (Miscellaneous Provisions) Act (NLB 29, p. 27).
- 1981 Nuclear Industry (Finance) Act (NLB 29, p. 28).
- 1995 Act setting up the Environment Agency (NLB 56, p. 90).
- 1996 Privatisation of Nuclear Power Stations (NLB 58, p. 114).
- 1996 Privatisation of AEA Technology plc (NLB 59, p. 60).
- 1998 Merger of British Nuclear Fuels plc and Magnox Electric plc (NLB 61, p. 88).
- 2000 Change of name and statute of the regulatory body responsible for the physical security of the civil nuclear industry (Office for Civil Nuclear Security) (NLB 66, p. 52).
- 2004 Energy Act (NLB 75, p. 127).
- 2008 New Ministry of Energy and Climate Change (NLB 82, p. 130).
- 2011 Establishment of the Office for Nuclear Regulation (NLB 87, p. 100).
- 2013 Office of Nuclear Regulation established as a statutory body (NLB 93, p. 111).

**Radioactive materials (including physical protection)**

- 1948 Radioactive Substances Act. 1974 Amendment (NLB 15, p. 21). Repealed by 1993 Radioactive Substances Act (NLB 54, p. 58).
- 1960 Radioactive Substances Act. 1968, 1980, 1985 and 1986 Orders on Exemptions from the Registration Requirement (NLB 2, p. 29; NLB 27, p. 14; NLB 36, p. 21; NLB 38, p. 36). Repeal of the Act by 1993 Radioactive Substances Act (NLB 54, p. 58).
- 1978 Nuclear Safeguards and Electricity (Finance) Act (NLB 22, p. 25).
- 1981 Education (Schools and Further Education) Regulations (NLB 28, p. 26).

- 1983 Ratification of the Convention on the Physical Protection of Nuclear Material (NLB 31, p. 31).
- 2003 Nuclear Industries Security Regulations (NLB 71, p. 83).

#### **Radioactive waste management**

- 1974 Control of Pollution Act. 1976, 1984 and 1985 Control of Pollution (Radioactive Waste) Regulations (NLB 19, p. 13; NLB 35, p. 32). 1980 Control of Pollution (Special Waste) Regulations (NLB 27, p. 15).
- 2004 Energy Act (NLB 75, p. 127).

#### **Transport of radioactive materials**

- 1970 Radioactive Substances (Carriage by Road) (Great Britain) Regulations (NLB 7, p. 26). 1974 Regulations and 1975 Code of Practice (NLB 15, p. 22).
- 1974 Air Navigation Order (NLB 15, p. 22).
- 1975 Code of Practice for the Storage of Radioactive Materials in Transit (NLB 16, p. 23).
- 1975 Code of Practice for the Carriage of Radioactive Materials through Ports (NLB 16, p. 23).
- 1978 Merchant Shipping (Dangerous Goods) Rules (NLB 23, p. 28). 1980 Amendment (NLB 26, p. 25).
- 1981 Air Navigation (Restriction of Flying) (Atomic Energy Establishments) Regulations (NLB 27, p. 15).
- 1991 Radioactive Material (Road Transport) Act (NLB 49, p. 62).

#### **Case law**

- 1980 Note on three claims for compensation caused by radiation-induced diseases (NLB 25, p. 30).
- 1982 Decisions on radioactive waste sea dumping operations (NLB 30, p. 22).
- 1990 Claim for compensation for damage to real property (NLB 46, p. 44).
- 1993 Sellafield childhood leukaemia cases (NLB 53, p. 44).
- 1994 *Thorp Case* (NLB 54, p. 34).
- 1998 Court of Appeal Decisions concerning the definition of damage to property for the purposes of Section 7(1)(a) of the Nuclear Installations Act 1965 (NLB 62, p. 53).
- 2002 Court of Appeal Judgment on Government decision to allow the start-up of a MOX fuel plant (NLB 69, p. 58).
- 2002 Court of Appeal Judgment on lawfulness of authorisations granted by the Environment Agency: *Marchiori v. the Environment Agency* (NLB 69, p. 59).

- 2003 The Principle of Justification: The Application of the Principle to the Manufacture of MOX Fuel in the UK (NLB 71, p. 43).
- 2006 Judgment of Carlisle Crown Court Concerning a Leak at Sellafield (NLB 78, p. 38).
- 2007 Decision of the Wick Sheriff Court Fining UKAEA for Plutonium Exposure (NLB 80, p. 67).

### **Administrative decisions**

- 1987 Application by the Central Electricity Generating Board to construct a pressurised water reactor at Sizewell (NLB 39, p. 30).
- 1995 Privatisation of the United Kingdom Atomic Energy Authority (AEA Technology plc) (NLB 57, p. 71).

### **Agreements**

- 1959 Co-operation Agreement with Euratom on the Peaceful Uses of Nuclear Energy. 1969 and 1971 Extensions (NLB 3, p. 32; NLB 7, p. 39).
- 1968 Agreement with Finland on the Peaceful Uses of Nuclear Energy (NLB 7, p. 36).
- 1970 Co-operation Agreement with the Federal Republic of Germany and the Netherlands on Collaboration in the Development and Exploitation of the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 37; NLB 8, p. 34). The text of the Agreement is reproduced in **NLB 6, p. 41**.
- 1974 Accession to the Convention on the Construction and Operation of a Very High Flux Reactor (NLB 19, p. 34). 1976 and 1981 Additional Protocols (NLB 20, p. 31; NLB 29, p. 36).
- 1976 Arrangement with Canada (AECB) for Co-operation and Information Exchange in the Nuclear Field. 1991 Extension (NLB 48, p. 62).
- 1979 Agreement with the Federal Republic of Germany on Exchange of Information on the Safety of Nuclear Installations (NLB 24, p. 31).
- 1983 Agreement with France on Exchange of Information in Case of Radiological Emergencies (NLB 33, p. 33).
- 1983 Specific Memorandum of Agreement between the UKAEA and the United States Department of Energy in the Area of Measurement of Residual Fuel in Liquid Metal Fast Breeder Reactors Head-end Wastes (NLB 33, p. 36).
- 1985 Agreement with the People's Republic of China for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).
- 1987 Agreement with Denmark on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43).
- 1988 Arrangement with the USSR on Exchange of Information concerning Nuclear Safety (NLB 42, p. 52).

- 1989 Joint Declaration with the Federal Republic of Germany on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 61).
- 1993 Agreement with Australia on Former Nuclear Test and Experimental Programme (NLB 54, p. 65).
- 1996 Agreement with the Russian Federation for Co-operation on the Peaceful Uses of Nuclear Energy (NLB 58, p. 126).
- 1997 Arrangement with Ukraine on Exchange of Information on Nuclear Installation Safety Regulation (NLB 60, p. 107).
- 1998 Agreement with Japan for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 63, p. 87).
- 1999 Collaboration Agreement in the Field of Nuclear Waste Management and Dismantling of Nuclear Installations (NLB 65, p. 61).
- 2000 Memorandum of Agreement with Indonesia concerning Co-operation in R & D, Production and Marketing of Radioisotopes for Medical or other Use (NLB 65, p. 62).
- 2001 Co-operation Agreement with Japan on Advanced Nuclear Fuel Cycle, Fast Breeder Reactor and Other Related Technologies (NLB 68, p. 81).
- 2001 Agreement with France on the Exchange of Classified Information in the Field of Nuclear Defence (NLB 69, p. 100).
- 2003 Accession to the 1996 Arctic Military Environmental Co-operation between the Russian Federation, Norway and the United States (NLB 72, p. 72).
- 2003 Agreement with the Russian Federation on Nuclear Proliferation Prevention (NLB 72, p. 73).
- 2008 Memorandum of Understanding with Jordan to facilitate co-operation in nuclear energy, including desalination of water (NLB 82, p. 199).
- 2008 Memorandum of Understanding with the United Arab Emirates on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
- 2008 Agreement with France to establish a “joint project approach” for regulation of the European Pressurised Water Reactor (EPR) (NLB 82, p. 200).
- 2009 Co-operation agreement with Jordan on the peaceful use of nuclear energy (NLB 84, p. 193).
- 2010 Agreement with India on civilian nuclear co-operation (NLB 85, p. 151).
- 2010 Pact with Jordan on nuclear co-operation (NLB 85, p.151).
- 2010 Agreement with the United Arab Emirates on civilian nuclear co-operation (NLB 86, p. 93).

## United States

### Legislative and regulatory activities

#### **Environmental protection**

- 1969 National Environmental Policy Act (NLB 5, p. 16; NLB 6, p. 27).
- 1969 Draft Laws on Siting of Power Plants and Environmental Protection (NLB 4, p. 15).
- 1972 Note on safety and environmental issues regarding licensing of nuclear installations (NLB 9, p. 28).
- 1975 Draft Environmental Statement relating to US Nuclear Power Export Activities (NLB 16, p. 27).
- 1977 Act amending the Clean Air Act to include radioactive effluent (NLB 20, p. 20).
- 1991 Proposed Rule on Environmental Review for Licence Renewals (NLB 50, p. 72).
- 2000 Cross-Border Co-operation and Environmental Safety in Northern Europe Act (NLB 66, p. 53).
- 2013 NRC issuance of Proposed Waste Confidence Rule and Draft Generic Environmental Impact Statement for public comment (NLB 92, p. 113).
- 2013 NRC issuance of Final Rule Updating Part 51 and Final License Renewal Generic Environmental Impact Statement Update (NLB 92, p. 114).
- 2023 Revisions to the National Environmental Policy Act (NLB 111, p. 88).
- 2023 Revisions to the National Environmental Policy Act (NLB 112, p. 147).
- 2024 Final generic environmental impact statement (GEIS) for licence renewal (NLB 113, p. 79).
- 2024 Draft GEIS for nuclear reactors (NLB 113, p. 80).

#### **Food irradiation**

- 1986 Final Rule on Irradiation in the Production, Processing and Handling of Food (NLB 38, p. 38).

#### **General legislation, regulations and instruments**

- 1954 Atomic Energy Act. 1970 and 1974 Amendments (NLB 7, p. 27; NLB 14, p. 27).
- 1972 and 1973 Amendments of the AEC regulations concerning unclassified activities in foreign atomic energy programmes by US persons and companies (NLB 10, p. 15; NLB 12, p. 13).
- 1978 Nuclear Non-Proliferation Act (NLB 21, p. 26).

- 1981 Statement by President Reagan on Nuclear Power (NLB 28, p. 26).
- 1984 Proposed DOE Regulations to Prohibit Unauthorised Dissemination of Certain Information (NLB 34, p. 26).
- 1990 Revision of NRC Rules on information on hazardous conditions (NLB 46, p. 73).
- 1992 Energy Policy Act (NLB 51, p. 71).
- 1998 NRC Statement of Policy on the Conduct of Adjudicatory Proceedings (NLB 62, p. 71).
- 2005 Energy Policy Act (NLB 76, p. 90).
- 2016 Approval of a final rule amending licensing, inspection and annual fee regulations to establish a variable annual fee structure for light-water small modular reactors (NLB 98, p. 82).
- 2017 Commission policy statement setting principles to use to promote effective government-to-government interactions with American Indian and Alaska Native Tribes and encourage and facilitate Tribal involvement in areas of NRC jurisdiction (NLB 99, p. 91).
- 2017 NRC publishes guidance on subsequent licence renewals for power reactors (NLB 100, p. 104).
- 2017 NRC issues Regulatory basis for decommissioning rulemaking (NLB 100, p. 105).
- 2018 NRC Commissioners confirmed and sworn in (NLB 101, p. 89).
- 2018 NRC publishes guidance on developing principal design criteria for non-light-water reactors (NLB 101, p. 89).
- 2018 Nuclear Energy Innovation Capabilities Act of 2017 (NLB 102, p. 104).
- 2019 Nuclear Energy Innovation and Modernization Act (NLB 102, p. 103).
- 2019 Proposed rule on emergency preparedness for small modular reactors and other new technologies (NLB 104, p. 26).
- 2020 Regulatory actions taken in response to the COVID-19 public health emergency (NLB 105, p. 98).
- 2021 10 CFR Part 53 and developing a technology-inclusive regulatory framework for commercial advanced nuclear reactors (NLB 106, p. 39).
- 2024 The Accelerating Deployment of Versatile, Advanced Nuclear for Clean Energy Act of 2024 (ADVANCE Act) (NLB 113, p. 78).

### **Liability and compensation**

- 1957 Price-Anderson Act (NLB 15, p. 50). Successive Amendments (NLB 14, p. 30; NLB 16, p. 25; NLB 17, p. 17; NLB 18, p. 36; NLB 19, p. 17; NLB 42, p. 27). The text of the Act as amended in 1975 is reproduced in the **Supplement to NLB 17**. The text of the Act as amended in 1988 is reproduced in the **Supplement to NLB 42**.

1983 NRC/DOE reports to Congress on Price-Anderson provisions of the Atomic Energy Act (NLB 33, p. 21). 1999 Recommendations concerning Amendments to the Price Anderson Act (NLB 63, p. 85). 2004 Renewal (NLB 74, p. 66).

- 1968 Bill providing Financial Cover for the Carriage of Radioactive Materials on the High Seas (NLB 2, p. 29).
- 1968 AEC Regulations defining the criteria which determine extraordinary nuclear occurrences (NLB 2, p. 30).
- 1977 Increase of nuclear liability and property insurance coverage (NLB 19, p. 17).
- 1980 NRC determination that the Three Mile Island accident does not constitute an “extraordinary nuclear occurrence” (NLB 25, p. 26).
- 1988 Financial protection requirements and indemnity agreements (NLB 43, p. 82).
- 1988 Amendments of NRC Regulations to reflect enactment of Price-Anderson Amendments Act (NLB 43, p. 83).
- 1989 Amendment of Regulations concerning Financial Protection (NLB 44, p. 53).
- 1990 Regime applicable to large power reactors (NLB 45, p. 67).
- 1990 Report to the Congress from the Presidential Commission on Catastrophic Nuclear Accidents (NLB 46, p. 75).
- 1990 Radiation Exposure Compensation Act (NLB 47, p. 59). 2000 Amendment (NLB 67, p. 54).
- 1993 Increase of liability limits (NLB 52, p. 70).
- 2000 Energy Employees Occupational Illness Compensation Programme Act (NLB 66, p. 54).
- 2005 Amendments to the Price-Anderson Act (NLB 76, p. 92)
- 2007 Implementation of the Convention on Supplementary Compensation for Nuclear Damage (NLB 81, p. 117).
- 2008 Inflation adjustment to the Price-Anderson Act (NLB 82, p.134).
- 2013 Inflation adjustment to the Price-Anderson Act Financial Protection Regulations (NLB 92, p. 115).

#### ***Licensing and regulatory infrastructure***

- Amendments to the system for licensing of nuclear installations (NLB 4, p. 16; NLB 6, p. 29; NLB 9, p. 28; NLB 13, p. 15; NLB 16, p. 24; NLB 21, p. 31; NLB 31, p. 17; NLB 34, p. 26; NLB 36, p. 22; NLB 44, p. 50). 1992 Proposed licensing reform (NLB 49, p. 63).
- 1972 Legislation relating to Temporary Operating Licences (NLB 10, p. 16). 1981 Draft Law on Authority to Issue Temporary Operating Licences (NLB 28, p. 27).

- 1985 NRC Final Rule revising Backfitting Process (NLB 36, p. 23). 1988 Amendment (NLB 42, p. 27).
- 1990 Licensing of Nuclear Enrichment Facilities (NLB 47, p. 56; NLB 48, p. 55).
- 1991 Nuclear power plant licence renewals (NLB 49, p. 63).
- 1992 NRC Regulations on Combined Construction Permits and Operating Licences (NLB 51, p. 78).
- 1996 Inflationary adjustment to civil penalties imposed by the NRC (NLB 58, p. 115).
- 2006 Final Rule Amending Regulations Applicable to the Licensing of New Nuclear Power Plants (NLB 80, p. 89).
- 2007 Amendment of Regulations applicable to limited work authorisations for new nuclear power plants (NLB 81, p. 117).
- 2011 Final Rules certifying amendments to the AP1000 and US Advanced Boiling Water Reactor standard reactor designs to comply with aircraft impact design regulations (NLB 89, p. 137).
- 2012 Consolidated Appropriations Act (NLB 89, p. 135 and p. 139).
- 2014 Amendment of Definition of “Utilization Facility” within 10 CFR 50.2 (NLB 94, p. 132).
- 2015 Commission authorises issuance of combined licence for Fermi Nuclear Power Plant in Monroe County, Michigan (NLB 96, p. 94).
- 2016 Commission approves final procedures for hearings on inspections, tests, analyses, and acceptance criteria (ITAAC) for combined licenses (NLB 97, p. 92).
- 2022 NRC Proposed Rule for decommissioning NPPs (NLB 108/109, p. 123).
- 2022 Recommendations to the Commission on enhancing the NRC’s approach to environmental justice (NLB 108/109, p. 124).
- 2023 Publication of proposed rule for the environmental review for operating licence renewal (NLB 110, p. 78).
- 2023 Update on NRC Part 53 proposed rule for risk-informed, technology-inclusive regulatory framework for advanced reactors (NLB 110, p. 79).
- 2023 Update on NRC efforts towards licensing and regulating fusion energy systems (NLB 110, p. 79).
- 2023 Decommissioning financial assurance rule for sealed and unsealed radioactive materials (NLB 111, p. 90).
- 2023 Decommissioning financial assurance rule for sealed and unsealed radioactive materials (NLB 112, p. 148).
- 2024 Part 53 proposed rule (NLB 113, p. 81).
- 2024 Simplified mandatory hearing procedures and issuance of Kairos Hermes 2 Construction Permits (NLB 113, p. 82).

**Nuclear installations**

- 1969 Regulations concerning Obligations of AEC Licensees Conducting Certain Industrial-type Activities (NLB 3, p. 19).
- 1973 Amendments to AEC Regulations concerning the Minimum Containment Leakage Test Requirements for Water-cooled Power Reactors (NLB 11, p. 24).
- 1980 Nuclear Safety Research, Development and Demonstration Act (NLB 27, p. 16).
- 1983 NRC Policy Statement on Safety Goals for the Operation of Nuclear Power Plants (NLB 31, p. 16).
- 1985 NRC Policy Statements regarding Power Plant Personnel (NLB 35, p. 32).
- 1985 NRC Policy Statement on Severe Reactor Accidents (NLB 36, p. 23).
- 1987 Amendment to NRC Rules of Practice on Disclosure of Information by Licensees (NLB 41, p. 23).
- 1989 NRC Policy Statement on the Conduct of Nuclear Power Plant Operations (NLB 43, p. 80).
- 1992 NRC policy on co-operation with States regarding inspection of nuclear installations (NLB 49, p. 64).
- 1992 Rules on Funding for Decommissioning (NLB 50, p. 72; NLB 51, p. 77).
- 1992 NRC Regulations on Receipt of By-product and Special Nuclear Material (NLB 51, p. 78).
- 1993 Amendments to Regulations on Training, Maintenance, Safeguards Inspections, Spent Fuel Management at Nuclear Power Plants (NLB 53, p. 95).
- 1993 Rule on Self-guarantee of Decommissioning Funds (NLB 53, p. 96).
- 1996 Amendment of NRC Regulation on Decommissioning Procedures (NLB 58, p. 115).
- 2017 NuScale Power, LLC submits design certification application for small modular reactor (SMR) to the NRC (NLB 99, p. 92).
- 2017 NRC issues licences to three facilities (NLB 99, p. 92).
- 2017 75<sup>th</sup> anniversary of the world's first atomic reactor (NLB 100, p. 103).
- 2017 Holtec International, Inc. submits application for interim storage facility to the NRC (NLB 100, p. 104).
- 2018 Construction permit issued for Northwest Medical Isotopes, LLC (NLB 101, p. 90).
- 2019 Early site permit involving small modular reactors (SMRs) (NLB 104, p. 26).
- 2019 Subsequent licence renewal for operating commercial power reactors (NLB 104, p. 27).

- 2020 Oklo Power, LLC combined licence application (NLB 105, p. 99).
- 2020 Honeywell licence renewal (NLB 105, p.100).
- 2021 General Electric Hitachi – Global Laser Enrichment, LLC (GLE) reorganisation (NLB 106, p. 40).
- 2021 NRC opens NuScale small modular reactor (SMR) design certification for public comment (NLB 107, p. 66).
- 2021 NRC approval of the American Centrifuge Plant licence amendment authorising production of high-assay low-enriched uranium (HALEU) (NLB 107, p. 67).
- 2022 NRC authorises Vogtle Unit 3 to load nuclear fuel and begin operation (NLB 108/109, p. 122).
- 2022 Denial of Oklo combined licence application for lack of information (NLB 108/109, p. 122).
- 2022 NuScale small modular reactor design certification (NLB 108/109, p. 120).
- 2022 Acceptance for review of the proposed Kairos Hermes Test Reactor (NLB 108/109, p. 123).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1969 Revision of the Performance Standards Applicable to Television Sets (NLB 5, p. 15).
- 1972 Standards for Diagnostic X-ray Equipment (NLB 10, p. 16).
- 1977 Environmental Radiation Protection Standards for Nuclear Power Operations (NLB 20, p. 19).
- 1987 Amendments to NRC Regulations providing for an Emergency Plan Rule, an Increase of On-site Property Insurance and Reporting of Unauthorised Occurrences (NLB 40, p. 19).
- 1987 Federal Radiation Protection Guidance for Occupational Exposure (NLB 39, p. 22).
- 1989 Emergency Preparedness for Fuel Cycle and Other Radioactive Material Licensees (NLB 44, p. 49).
- 1989 NRC criteria and procedures for emergency access to low-level waste disposal facilities (NLB 43, p. 82).
- 1990 Amendment to Regulations on Safety Requirements for Industrial Radiographic Equipment (NLB 45, p. 66). 1991 Certification of industrial radiographers (NLB 48, p. 53).
- 1991 NRC Standards for Protection against Radiation (NLB 37, p. 26; NLB 48, p. 53).
- 1991 Revision of CFR Regulations regarding Incident Reporting Requirements (NLB 48, p. 53).

- 1991 Rule on the Emergency Response Data System (NLB 48, p. 55).
- 1993 NRC Regulations on Licences and Radiation Safety Requirements for Irradiators (NLB 51, p. 77).
- 1993 Amendment to Emergency Planning Regulations (NLB 53, p. 95).
- 2001 EPA Public Health and Environmental Radiation Protection Standards for Yucca Mountain, Nevada (NLB 68, p. 71).
- 2011 Response to recent events in Japan (NLB 87, p. 101).
- 2011 Update on the NRC's response to the events at the Fukushima Daiichi nuclear site (NLB 88, p. 95).
- 2011 Final Rule: Enhancements to Emergency Preparedness Regulations (NLB 89, p. 136).
- 2011 Staff Requirements - SECY-11-0137 - Prioritization of Recommended Actions to be Taken in Response to Fukushima Lessons Learned (NLB 89, p. 138).
- 2012 NRC advanced notice of proposed rulemaking regarding station blackout (NLB 90, p. 129) and onsite emergency response capabilities at nuclear power plants (NLB 90, p. 130).
- 2013 update on the NRC's response to events at the Fukushima Daiichi nuclear site regarding filtered vents and consideration of economic consequences (NLB 91, p. 128).
- 2017 NRC publishes draft guidance document for the development of principal design criteria for non-light water cooled nuclear reactors (NLB 99, p. 92).
- 2019 The NRC issues a final rule related to beyond-design-basis events (NLB 103, p. 61).
- 2021 Regulatory actions taken in response to the COVID-19 pandemic (NLB 106, p. 39).
- 2023 Approval of final rule for emergency preparedness for small modular reactors and other new technologies (NLB 111, p. 90).
- 2023 Approval of final rule for emergency preparedness for small modular reactors and other new technologies (NLB 112, p. 149).

### **Nuclear security**

- 1988 Amendment to NRC Regulations on Physical Fitness Qualifications for Security Personnel (NLB 41, p. 23).
- 1988 and 1989 Amendments of NRC Regulations relating to Nuclear Power Plants (NLB 43, p. 77). 1991 Amendments regarding access authorisation (NLB 48, p. 55).
- 2007 Final Rule on Design Basis Threat (NLB 80, p. 91).
- 2009 Power reactor security requirements (NLB 83, p. 111).

- 2009 Amendment to NRC Regulations with regard to Aircraft Impact Assessment (NLB 83, p.112).
- 2009 Final regulations criminalising unauthorised introduction of dangerous weapons, (NLB 84, p. 139).
- 2024 Proposed rule on alternative physical security requirements for advanced reactors (NLB 113, p. 83).

### **Nuclear trade (including non-proliferation)**

- 1982 Proposed Revision of Regulations on Unclassified Activities in Foreign Atomic Energy Programmes (NLB 30, p. 20).
- 1984 Amendment to procedures established pursuant to the 1978 Nuclear Non-Proliferation Act (NLB 33, p. 20; NLB 34, p. 27).
- NRC Import/Export Regulations. 1985, 1986 and 1993 Amendments (NLB 31, p. 18; NLB 33, p. 20; NLB 35, p. 33; NLB 38, p. 37; NLB 41, p. 23; NLB 53, p. 98). 1995 New requirements by NRC (NLB 56, p. 91). 2000 Amendments (NLB 67, p. 55).
- 1987 Rules on Prohibition of Imports of Uranium Ores and Oxides from South Africa (NLB 39, p. 24; NLB 40, p. 20).
- 1988 Implementation of the United States/Canada Free-Trade Agreement (NLB 43, p. 84).
- 1990 Prohibition to export equipment or technology to the People's Republic of China (NLB 45, p. 72).
- 1990 Rule on Export Components for Use in Gaseous Diffusion Plants (NLB 46, p. 76).
- 1991 Revision of Commodity Control List (NLB 48, p. 56).
- 2008 Regulatory changes to implement the Additional Protocol to the U.S.-IAEA Safeguards Agreement (NLB 83, p. 114).
- 2009 Rule amending regulations for the protection of safeguards information (NLB 83, p. 114).
- 2010 Comprehensive Iran Sanctions, Accountability and Divestment Act (NLB 86, p. 86).
- 2010 Final rule on the export and import of nuclear equipment and material (NLB 86, p. 87).

### **Organisation and structure**

- 1974 Act concerning Reorganisation of the Atomic Energy Commission (NLB 13, p. 13; NLB 14, p. 28).
- 1977 Termination of the Joint Congressional Committee on Atomic Energy (NLB 19, p. 16; NLB 20, p. 18).
- 1977 Act establishing the Department of Energy (DOE) (NLB 20, p. 18).

- 1980 Executive Order setting up a State Planning Council on Radioactive Waste Management (NLB 25, p. 24).
- 1980 Executive Order establishing a Nuclear Safety Oversight Committee (NLB 25, p. 25).
- 1988 President's Commission on Catastrophic Nuclear Accidents (NLB 43, p. 76).
- 1996 Privatisation Plan for US Enrichment Corporation (USEC) (NLB 59, p. 60).
- 2000 National Defence Authorisation Act for Fiscal Year establishing the National Nuclear Security Administration (NLB 66, p. 53).
- 2003 Establishment of the Office of Legacy Management (NLB 73, p. 96).
- 2021 Establishment of an Environmental Justice Review Team (NLB 107, p. 67).

**Radioactive materials (including physical protection)**

- 1967 and 1968 Amendments to the Regulations of the AEC concerning the Possession of Special Nuclear Materials (NLB 1, p. 22; NLB 2, p. 30).
- 1973 Amendment to the AEC Regulations on Physical Protection of Special Nuclear Material (NLB 11, p. 24).
- 1975 Amendments to NRC Regulations governing the Possession and Use of Uranium 233, Enriched Uranium 235, and Plutonium (NLB 16, p. 23).
- 1982 Act on Physical Protection of Nuclear Material (NLB 30, p. 18).
- 1982 Amendment of Regulations on Physical Protection of Special Nuclear Material in Transit (NLB 30, p. 19).
- 1982 NRC Policy Statement on Use of High-enriched Uranium in Research Reactors (NLB 30, p. 19).
- 1986 NRC Rule on Limitations on the Use of Highly Enriched Uranium Fuel (NLB 37, p. 27).
- 1990 NRC proposed Rulemaking on Licensing and Radiation Safety Requirements for Use of Large Irradiators (NLB 47, p. 58).
- 1990 and 1991 NRC proposed Rulemaking on Material Control and Accounting for Certain Enrichment Facilities (NLB 47, p. 58; NLB 49, p. 65).
- 1992 Uranium Enrichment Regulations (NLB 50, p. 73).
- 1992 Amendment to Physical Protection Regulations (NLB 50, p. 73).
- 1993 Rule on Information to be Supplied regarding Facilities with Source Material etc. at their Decommissioning Stage (NLB 53, p. 98).
- 2000 Amendment to NRC Regulations governing the licensing of special nuclear material (NLB 67, p. 55).
- 2001 Amendments to NRC Regulations governing the requirements for certain generally licensed industrial devices containing by-product material (NLB 67, p. 56).

- 2004 National Defense Authorization Act for Fiscal Year 2005 (NLB 74, p. 64).
- 2013 Physical Protection of Byproduct Material (NLB 91, p. 127).
- 2018 Wyoming becomes an Agreement State (NLB 101, p. 90).

#### **Radioactive waste management**

- 1980 Low Level Radioactive Waste Policy Act (NLB 27, p. 17). 1985 Note on disposal of low-level radioactive waste under the 1980 Low-level Radioactive Waste Policy Act (NLB 35, p. 35). 1985 Amendment (NLB 37, p. 27).
- 1980 West Valley Demonstration Project Act (NLB 27, p. 18).
- 1981 Rule on High Level Radioactive Waste Disposal in Geologic Formations (NLB 29, p. 29).
- 1982 Nuclear Waste Policy Act (NLB 26, p. 25; NLB 28, p. 28; NLB 30, p. 20; NLB 31, p. 19). 1985 Note on disposal of high-level radioactive waste (NLB 35, p. 34). 1987 Amendments (NLB 41, p. 24). Draft Amendments (NLB 59, p. 61; NLB 60, p. 23; NLB 63, p. 83).
- 1983 NRC technical criteria for geological disposal of high-level radioactive waste (NLB 32, p. 16).
- 1986 Standards for Radon 222 Emissions from Mill Tailings (NLB 37, p. 28; NLB 38, p. 36).
- 1986 Proposed licensing requirements for the independent storage of spent nuclear fuel and high-level radioactive waste (NLB 38, p. 38).
- 1987 NRC proposed definition of high-level radioactive waste (NLB 39, p. 24).
- 1987 NRC Amendment of the Regulations on Disposal of Uranium Mill Tailings (NLB 41, p. 24).
- 1988 NRC licensing requirements for independent storage of spent nuclear fuel and high-level radioactive waste (NLB 43, p. 82).
- 1989 Licensing procedures for disposal of high-level radioactive waste in geologic repositories (NLB 44, p. 52).
- 1990 Amendment of NRC Environmental Protection Regulations: temporary storage of spent fuel (NLB 46, p. 74).
- 1990 Amendment to Regulations concerning Storage of Spent Fuel in Dry Casks (NLB 46, p. 74).
- 1990 Licensing requirements of uranium and thorium disposal sites (NLB 47, p. 57).
- 1992 NRC Regulations on Disposal of Contaminated Waste Oil by Incineration (NLB 51, p. 78).
- 2001 EPA Public Health and Environmental Radiation Protection Standards for Yucca Mountain, Nevada (NLB 68, p. 71).

- 2001 NRC Licensing Criteria “Disposal of High-Level Radioactive Wastes in a Proposed Geologic Repository at Yucca Mountain, Nevada” (NLB 69, p. 92).
- 2001 DOE Yucca Mountain Site Suitability Guidelines (NLB 69, p. 93).
- 2008 Public health and environmental radiation protection standards for Yucca Mountain, Nevada (NLB 82, p. 132).
- 2009 Dose standard after 10 000 years for high level waste disposal at Yucca Mountain (NLB 83, p. 113).
- 2010 Final rule on the independent storage of spent nuclear fuel (NLB 86, p. 85).
- 2010 Status of the high-level waste repository programme (NLB 86, p. 86).
- 2010 Waste Confidence Decision and Rule Update (NLB 87, p. 100).
- 2012 Blue Ribbon Commission on America’s Nuclear Future Final Report to the Secretary of Energy (NLB 89, p. 136; NLB 91, p. 123).
- 2013 Issuance of Strategy for the Management and Disposal of Used Nuclear Fuel and High-Level Radioactive Waste (NLB 91, p. 123).
- 2015 Nuclear Regulatory Commission publishes Proposed Rule that would update the existing regulations governing near-surface commercial disposal of low-level radioactive waste (NLB 95, p. 82).
- 2015 NRC conducts final public meetings on Yucca Mountain Environmental Report Supplement (NLB 96, p. 94).
- 2018 Holtec International, Inc. submits application for interim storage facility to the NRC (NLB 101, p. 90).
- 2019 Consolidated Interim Storage Facility applications pending before the NRC (NLB 102, p. 104).
- 2019 NRC issues regulatory basis for disposal of “Greater-than-Class-C” radioactive waste (NLB 103, p. 62).

#### ***Transport of radioactive materials***

- 1975 Public Law prohibiting Air Transport of Plutonium (NLB 16, p. 24).
- 1983 NRC Revision of Regulations for Transport of Radioactive Material (NLB 32, p. 17).
- 1990 Hazardous Materials Transportation Uniform Safety Act (NLB 47, p. 58).
- 2000 Cross-Border Co-operation and Environmental Safety in Northern Europe Act (NLB 66, p. 53).

#### **Case law**

- 1969 Opposition to delivery of a construction permit for a reactor in Maryland (NLB 4, p. 18).

- 1969 Decision of the US Court of Appeals, District of Columbia, concerning licensing of nuclear power reactors producing electricity (NLB 5, p. 17).
- 1971 Decision of the US Court of Appeals, District of Columbia, concerning licensing of nuclear installations and protection of the environment (NLB 8, p. 27).
- 1973 Decision of the US Court of Appeals, District of Columbia, concerning ECCS issue (NLB 12, p. 16).
- 1977 Judgment of the US Court of Appeals relating to shipment by air of plutonium and highly enriched uranium (NLB 19, p. 23).
- 1977 Decision of the US District Court for the Western District of North Carolina concerning the unconstitutionality of Section 170(e) of the Price-Anderson Act (NLB 19, p. 20). 1978 US Supreme Court confirmation of the Act's constitutionality (NLB 22, p. 29).
- 1978 Decision of the US Supreme Court on the Vermont Yankee and Midland nuclear power plants (NLB 21, p. 38).
- 1980 Claim for property damage filed against the NRC by the owners of Three Mile Island (NLB 27, p. 21). 1981 Decision of NRC (NLB 28, p. 32). 1981 Proceedings by the owners before the Federal District Court (NLB 29, p. 30). New developments (NLB 31, p. 22).
- 1981 Court of Appeals reverses lower court ruling and upholds constitutionality of state moratorium on construction of new nuclear plants (NLB 28, p. 32).
- 1981 Two Federal Courts hold state waste management laws violating the US Constitution (NLB 28, p. 33).
- 1982 Court of Appeals upholds NRC uranium mills licensing requirements (NLB 29, p. 30).
- 1982 Court of Appeals upholds NRC fire protection regulations (NLB 29, p. 31).
- 1982 NRC Decision on the Clinch River Breeder Reactor (NLB 30, p. 28). 1983 Appeal (NLB 31, p. 22). Termination of Project in 1985 (NLB 35, p. 44).
- 1983 Opinion of Supreme Court on risk of psychological health damage under the National Environmental Policy Act – not required to be considered by NRC (NLB 32, p. 19).
- 1983 Supreme Court upholds California's moratorium on construction of new commercial nuclear power plants (NLB 32, p. 20).
- 1983 Second Circuit upholds Regulations governing Highway Transport of Radioactive Materials (NLB 32, p. 20). 1984 Supreme Court upholds ruling by Second Circuit (NLB 33, p. 23).
- 1983 Court of Appeals reverses lower court granting of summary judgment on federal pre-emption grounds (NLB 34, p. 32).
- 1984 Supreme Court allows decision of Seventh Circuit declaring Illinois Spent Fuel Act unconstitutional (NLB 33, p. 23).

- 1984 Supreme Court holds the Atomic Energy Act does not pre-empt the state-authorised award of punitive damages for conduct related to radiation hazards (NLB 33, p. 24).
- 1984 District Court upholds DOC denial of export licences and DOE denial of authorisation for export of radiation shielding windows (NLB 34, p. 32).
- 1985 Challenge to Agreements for co-operation concerning peaceful uses of nuclear energy (NLB 36, p. 27).
- 1986 Settlement reached in Silkwood litigation (NLB 38, p. 42).
- 1987 Litigation on enrichment and import of foreign uranium (NLB 40, p. 26).
- 1987 Annulment of NRC Backfitting Rule (NLB 40, p. 26).
- 1987 Action contending violation of the National Environmental Protection Act (NLB 40, p. 26).
- 1988 *General Public Utilities v. Glass Kitchens of Lancaster, Inc.*: Decision of the Superior Court of Pennsylvania regarding a claim for economic losses to tourist industry after Three Mile Island accident (NLB 43, p. 56).
- 1988 Court of Appeal Decision on storage of spent fuel in high density racks (NLB 43, p. 57).
- 1989 Article on claims for injuries and deaths in relation to atmospheric nuclear tests in Nevada in the 1950s and 1960s (NLB 43, p. 54).
- 1989 Court of Appeal Decision on backfitting of nuclear reactors (NLB 44, p. 24).
- 1990 District Court Decision on unconstitutionality of Price-Anderson provisions for removal of actions to federal courts (NLB 45, p. 35).
- 1990 District Court Decision review of licensing procedures (NLB 47, p. 33).
- 1990 District Court Decision on procedures for licensing hearings (NLB 47, p. 34).
- 1991 Supreme Court Decision on US legislation on exclusion of fertile women from dangerous activities (NLB 47, p. 36).
- 1991 Court of Appeal Decision on Constitutionality of Price-Anderson provisions on jurisdictional competence (NLB 48, p. 32).
- 1991 Article on whether tort law should treat internal exposure differently from external exposure (NLB 49, p. 43).
- 1992 Supreme Court Decision on the constitutionality of the Low Level Radioactive Policy Amendments Act (NLB 50, p. 53).
- 1995 ALARA principle: Two Court Decisions with dramatically different implications (NLB 58, p. 72).
- 1995 Compensation claims for personal injuries suffered in the wake of the Three-Mile Island accident: Federal District Court Decision (NLB 57, p. 67). 1996 Summary Judgment of the US District Court rejecting the compensation claims in the test cases (NLB 59, p. 35). 1999 Ruling of the US Court of Appeals for the

Third Circuit and 2000 ruling of the Supreme Court confirming the 1996 Summary Judgment (NLB 68, p. 50).

- 1996 Court of Appeal Decision on US DOE obligations under the Nuclear Waste Policy Act (NLB 58, p. 80).
- 1996, 1997, 1998 and 1999 Cases relating to the DOE's obligation under the NPWA to commence acceptance of spent fuel by 31 January 1998 (NLB 63, p. 53; NLB 64, p. 45). 1997 Court of Appeal Decision on DOE's obligation to accept spent nuclear fuel (NLB 59, p. 37; NLB 60, p. 63). 1997 Opinion of the Court of Appeals for the District of Columbia Circuit on DOE's obligation relating to the disposal of spent fuel (NLB 61, p. 59). 2000 Decision of the US Court of Appeals for the Federal Circuit (NLB 66, p. 30).
- 1998-1999 Waste Isolation Pilot Plant (WIPP) (NLB 62, p. 54; NLB 63, p. 56).
- 1999 Decision rejecting a request barring MOX fuel shipment (NLB 65, p. 24).
- 2001 Rulings of the US Court of Appeals for the District of Columbia Circuit and of the Supreme Court regarding the Calvert Cliffs' operating license renewal proceeding (NLB 68, p. 50).
- 2001 *Kennedy v. Southern California Edison Co.*: Ruling of the 9<sup>th</sup> US Circuit Court of Appeals in California (NLB 69, p. 59).
- 2003 Ruling of the US Court of International Trade in relation to the Sale of Uranium Enrichment Services in the United States (NLB 71, p. 51).
- 2003 Decision of the US District Court of Idaho on DOE Management of Radioactive Waste (NLB 73, p. 65).
- 2004 Decision of the US Court of Appeals for the District of Columbia concerning the Yucca Mountain Repository (NLB 75, p. 101).
- 2004 *Indiana Michigan Power Company v. United States*, Ruling of the US Court of Appeals for the Federal Circuit (NLB 75, p. 106).
- 2004 *Natural Resources Defense Council, Snake River Alliance, Confederated Tribes & Bands of the Yakama Indian Nation, Shoshone Bannock Tribes v. Abraham*: Ruling of the US Court of Appeals for the Ninth Circuit (NLB 75, p. 107).
- 2005 Ruling of the US Court of Appeals for the Federal Circuit in relation to the sale of uranium enrichment services in the United States (NLB 75, p. 96).
- 2006 Judgment of the US Court of Appeals Regarding Disposal of Spent Nuclear Fuel (NLB 78, p. 38).
- 2006 Judgment of the US Court of Appeals on Environmental Analysis of the Effects of Terrorism (NLB 80, p. 67).
- 2007 Vacatur of US Court of Federal Claims Decision Regarding Price-Anderson Compensation of Costs in a Private Tort Claim (NLB 80, p. 68).
- 2007 Judgment of the US Court of Appeals on licensing of the LES Uranium Enrichment Facility (NLB 81, p. 100).

- 2008 Judgment of the US Court of Federal Claims on the interpretation of the US Department of Energy's Standard Contract (NLB 82, p. 114).
- 2008 Summary Order of the US Court of Appeals on petitions for revision of Nuclear Regulatory Commission regulations (NLB 82, p. 116).
- 2009 Judgment of the US Supreme Court on the applicability of anti-dumping tariffs to the sale of low-enriched uranium (NLB 83, p. 94).
- 2009 Judgment of the US Supreme Court on the use of cost-benefit analysis in determining the best technology available for minimising the adverse environmental effects of cooling water intake structures (NLB 83, p. 96).
- 2009 Judgment of a US Court of Appeals on the design basis threat security rule (NLB 84, p. 120).
- 2009 Judgment of a US Court of Appeals on consideration of the environmental impacts of terrorist attacks on nuclear facilities (NLB 84, p. 122).
- 2009 Judgment of a US District Court on interstate compacts' authority to restrict private disposal of foreign low-level radioactive waste (NLB 84, p. 124).
- 2009 Judgment of a US Court of Appeals on consideration of the environmental impacts of the risk of spent fuel pool fires (NLB 85, p. 99).
- 2010 Judgment of a US Court of Appeals on a licence to perform in situ leach uranium mining (NLB 85, p. 101).
- 2011 Judgment of a US Court of Appeals on public access to sensitive security information and consideration of the environmental impacts of terrorist attacks on nuclear facilities (NLB 87, p. 88).
- 2011 Judgment of a US District Court on an exemption from fire safety regulations (NLB 87, p. 90).
- 2011 Judgment of a US court of appeals upholding the NRC's dismissal of challenges to the renewal of the operating licence for Oyster Creek Nuclear Generating Station (NLB 88, p. 72).
- 2011 Review of the proposed high-level waste repository at Yucca Mountain (NLB 88, p. 73).
- 2012 Judgment of a US District Court granting a permanent injunction against the State of Vermont in order to prevent certain State laws from prohibiting Vermont Yankee nuclear power plant's continued operation (NLB 89, p. 111).
- 2012 Judgment of the Court of Appeals for the DC Circuit vacating the NRC's 2010 Waste Confidence Decision and Rule Update (NLB 90, p. 110).
- 2012 US Supreme Court declines petition for certiorari filed by property owners on Price-Anderson Act claim for damages (NLB 90, p. 112).
- 2013 Judgment of the Court of Appeals for the first circuit upholding NRC's consideration of wind power as alternative to relicensing under NEPA (NLB 91, p. 108).

- 2013 Judgment of the Court of Appeals for the second circuit upholding NRC's authority to issue exemptions and remanding for consideration of public participation in preparation of environmental assessment and finding of no significant impact (NLB 91, p. 109).
- 2013 Judgment of the Court of Appeals for the first circuit upholding NRC's decision not to reopen or suspend Pilgrim relicensing proceeding (NLB 91, p. 110).
- 2013 Judgment of the Court of Appeals for the DC Circuit vacating the NRC's transfer of authority to the state of New Jersey over clean-up of manufacturing site (NLB 91, p. 111).
- 2013 Judgment of the Court of Appeals for the DC Circuit upholding the NRC's issuance of combined operating licence and amended design certification (NLB 91, p. 112).
- 2013 Judgment of the Court of Appeals for the District of Columbia Circuit granting petition for writ of mandamus ordering NRC to resume Yucca mountain licensing (NLB 92, p. 92).
- 2013 Judgment of the Court of Appeals for the Second Circuit invalidating two Vermont statutes as pre-empted by the Atomic Energy Act (NLB 92, p. 93).
- 2013 Dismissal by US District Court Judge of lawsuit brought by US military personnel against Tokyo Electric Power Company (TEPCO) in connection with the Fukushima Daiichi nuclear power plant accident (NLB 93, p. 94).
- 2015 Judgment of the Nuclear Regulatory Commission denying requests from petitioners to suspend final reactor licensing decisions pending the issuance of a final determination of reasonable assurance of permanent disposal of spent fuel (NLB 95, p. 66).
- 2016 *Brodsky v. US Nuclear Regulatory Commission* (NLB 98, p. 64)
- 2017 *Virginia Uranium, Inc. v. Warren* (NLB 99, p. 71).
- 2017 *United States v. Energy Solutions, Inc.; Rockwell Holdco, Inc.; Andrews County Holdings, Inc.; and Waste Control Specialists, LLC.* (NLB 99, p. 72).
- 2017 *Cooper v. Tokyo Electric Power Company, No. 15-56426* (NLB 99, p. 72).
- 2017 *Virginia Uranium, Inc. v. Warren* (NLB 100, p. 90).
- 2018 *Natural Resources Defense Council v. NRC* (NLB 100, p. 89).
- 2018 *Oglala Sioux Tribe v. US Nuclear Regulatory Commission* (NLB 101, p. 71).
- 2018 *Texas v. United States, 891 F.3d 553* (NLB 101, p. 72).
- 2018 *City of Boston Delegation v. FERC* (NLB 101, p. 74).
- 2019 *Cooper v. Tokyo Electric Power Company, Imamura v. General Electric Company, and other US lawsuits related to the TEPCO Fukushima Daiichi NPP accident* (NLB 102, p. 84).

- 2019 *State of Nevada v. US Nuclear Regulatory Commission and David A. Wright*, No. 18-1232 (unpublished) (DC Cir. 2019) (NLB 102, p. 87).
- 2019 *Virginia Uranium, Inc. v. Warren*, affirming the lower court ruling that the Atomic Energy Act did not preempt a ban on conventional uranium mining on non-federal land (NLB 103, p. 49).
- 2020 United States lawsuits related to the TEPCO Fukushima Daiichi NPP accident (NLB 104, p. 12).
- 2021 Ninth Circuit decisions involving San Onofre Nuclear Generating Station (SONGS) (NLB 106, p. 28).
- 2021 United States lawsuits related to the TEPCO Fukushima Daiichi nuclear power plant accident (NLB 106, p. 31).
- 2021 DC Circuit decision involving subsequent licence renewal of Turkey Point Nuclear Generating Station (NLB 107, p. 56).
- 2021 Commission decisions in two consolidated interim storage facility licensing proceedings for Holetc International and Interim Storage Partners LLC (NLB 107, p. 57).
- 2021 Subsequent licence renewal adjudicatory decisions for Virginia Electric and Power Company and NextEra Energy Point Beach, LLC (NLB 107, p. 59).
- 2022 DC Circuit decision involving Powertech uranium extraction licence (NLB 108/109, p. 100).
- 2022 Update of GEIS for Subsequent Licence Renewal of Nuclear Plants (NLB 108/109, p. 101).
- 2022 *Texas v. US Nuclear Regulatory Commission* (NLB 110, p. 66).
- 2023 *Ohio Nuclear-Free Network v. US Nuclear Regulatory Commission* (NLB 110, p. 64).
- 2023 *Don't Waste Michigan v. US Nuclear Regulatory Commission* (NLB 110, p. 65).
- 2023 *Balderas v. US Nuclear Regulatory Commission* (NLB 110, p. 66).
- 2023 *Texas v. US Nuclear Regulatory Commission* (NLB 111, p. 76).
- 2023 *Beyond Nuclear, Inc. v. US Nuclear Regulatory Commission* (NLB 111, p. 77).
- 2023 *Fasken Land and Minerals, Limited v. US Nuclear Regulatory Commission* (NLB 111, p. 78).
- 2023 US Nuclear Regulatory Commission denial of hearing concerning export licence application (NLB 111, p. 78).
- 2024 *Texas v. US Nuclear Regulatory Commission* denial of petition for rehearing en banc (NLB 112, p. 137).
- 2024 *Fasken Land and Minerals, Limited v. US Nuclear Regulatory Commission* (NLB 112, p. 137).
- 2024 *Texas v. NRC* petition for a writ of certiorari (NLB 113, p. 67).

- 2024 Diablo Canyon “timely renewal” exemption (NLB 113, p. 67).
- 2025 *NRC v. Texas* decision by the US Supreme Court reversing a prior decision of the US Court of Appeals for the Fifth Circuit granting a petition for review challenging the issuance of an NRC licence (NLB 114, p. 84).

### **Administrative decisions**

- 1988 Licensing of Seabrook nuclear power station, Unit No. 1 (NLB 43, p. 58).
- 1989 Licensing of Shoreham nuclear power station, Unit No. 1 (NLB 43, p. 58).
- 2001 Decision of the US Department of Commerce regarding imposition of countervailing and antidumping duties on imports of low enriched uranium from the European Union (NLB 68, p. 51). 2002 Decision of the International Trade Commission on the same topic (NLB 69, p. 63).
- 2002 Yucca Mountain Site Recommendation of the Secretary of Energy (NLB 69, p. 63).
- 2011 NRC suspends adjudicatory proceeding regarding Department of Energy’s (DOE) application to construct a high-level waste repository at Yucca Mountain, (NLB 89, p. 135).
- 2012 Licensing for Southern Nuclear Operating Co. (Vogtle site) Units No. 3 and 4 (NLB 89, p. 137) and South Carolina Electric & Gas Co. (Summer Nuclear Station) units 2 and 3 (NLB 89, p. 138).
- 2012 Judgment of the NRC Atomic Safety and Licensing Board finding applicants ineligible to obtain a combined license because they are owned by a U.S. corporation that is 100% foreign owned (NLB 90, p. 113).
- 2012 Judgment of an NRC Atomic Safety and Licensing Board authorising issuance of a license for the construction and operation of a commercial laser enrichment facility (NLB 90, p. 114).
- 2012 EA-12-049, Issuance of Order to Modify Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events; EA-12-051, Issuance of Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation; EA-12-050, Issuance of Order to Modify Licenses with Regard to Reliable Hardened Containment Vents (NLB 89, p. 139).
- 2013 Judgment of the NRC on transferring Shialdalloy site to New Jersey’s jurisdiction (NLB 92, p. 94).
- 2013 Judgment of the Nuclear Regulatory Commission resuming the licensing process for the Department of Energy’s construction authorisation application for the Yucca Mountain high-level radioactive waste repository (NLB 93, p. 92).
- 2013 Judgment of the Licensing Board in favour of Shaw AREVA MOX Services regarding the material control and accounting system at the proposed MOX Facility (NLB 93, p. 93).

- 2014 Initial Decision of the Atomic Safety and Licensing Board Ruling in Favour of Nuclear Innovation North America, LLC (NINA) Regarding Foreign Ownership, Control or Domination (NLB 94, p. 117).
- 2014 Commission Approval of Continued Storage of Spent Fuel Final Rule and Generic Environmental Impact Statement and Lifting of Suspension on Final Licensing Decisions (NLB 94, p. 130).
- 2016 Commission authorises issuance of construction permit for the SHINE Medical Isotope Facility in Janesville, Wisconsin (NLB 97, p. 78).
- 2016 Commission authorises issuance of combined licences for the South Texas Project site in Matagorda County, Texas (NLB 97, p. 78).
- 2019 NRC Atomic Safety and Licensing Board issues decisions in two consolidated interim storage facility cases (NLB 103, p. 50).
- 2021 Commission decisions in two licence transfer proceedings (NLB 106, p. 30).

### Agreements

- 1957 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy. 1985 Administrative Arrangements (NLB 35, p. 55; NLB 38, p. 52).
- 1958 Co-operation Agreement with Euratom on the Peaceful Uses of Nuclear Energy. 1972 Amendment (NLB 12, p. 23). Replaced by 1995 Agreement with Euratom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 56, p. 102; NLB 57, p. 90). The text of the Agreement is reproduced in **NLB 57, p. 99**.
- 1959 Co-operation Agreement with the IAEA. 1980 Amendment (NLB 24, p. 31; NLB 26, p. 34).
- 1968 Co-operation Agreement with the Philippines on the Peaceful Uses of Atomic Energy (NLB 6, p. 38).
- 1969 Co-operation Agreement with Austria concerning Civil Uses of Atomic Energy. 1974 Amendment (NLB 15, p. 30).
- 1970 Agreement with Austria on the Leasing of Special Nuclear Material (NLB 6, p. 36).
- 1970 Agreement with Finland for Co-operation in the Peaceful Uses of Atomic Energy (NLB 7, p. 36).
- 1973 Co-operation Agreement with the USSR on the Peaceful Uses of Atomic Energy (NLB 12, p. 23).
- 1973 Agreement with the USSR on the Prevention of Nuclear War (NLB 12, p. 24).
- 1974 Protocol between the USAEC and the USSR State Committee for the Utilisation of Atomic Energy on Joint Projects in Controlled Thermonuclear Fusion and Plasma Physics (NLB 14, p. 42).
- 1974 Treaty with the USSR on the Limitation of Underground Nuclear Weapon Tests (NLB 14, p. 41). 1976 Implementing Treaty (NLB 18, p. 45). The text of the Treaty is reproduced in **NLB 18, p. 49**.

- 1974 Memorandum of Understanding with Euratom on Nuclear Scientific and Technical Information (NLB 15, p. 32).
- 1974 Co-operative Agreements with Sweden and Switzerland on Nuclear Energy Regulation Matters (NLB 15, p. 31).
- 1974 Technical Exchange and Co-operative Arrangement in the Field of Radioactive Waste Management with the Federal Republic of Germany (NLB 15, p. 31). 1980 Supplement (NLB 27, p. 26).
- 1974 LOFT Agreement with the Federal Republic of Germany (NLB 16, p. 40).
- 1976 Agreements with Japan relating to Japanese Participation in Reactor Safety Research (NLB 17, p. 28).
- 1977 Agreement with Japan on Reprocessing of Nuclear Material of US Origin (NLB 21, p. 50).
- 1977 Agreement with the Federal Republic of Germany on Co-operation in the Field of Gas-cooled Reactors. 1987 Extension (NLB 41, p. 44).
- 1978 Arrangement with Belgium on Exchange of Technical Information and Co-operation in Reactor Safety Research (NLB 23, p. 50).
- 1980 Co-operation Agreement with Morocco on the Peaceful Uses of Nuclear Energy. 2001 Amending Protocol (NLB 68, p. 82).
- 1981 Agreement with the Federal Republic of Germany on Exchange of Information and Co-operation in Nuclear Safety (NLB 28, p. 42). 1986 and 1995 Extensions (NLB 39, p. 39; NLB 57, p. 91).
- 1982 Agreement between the DOE and the Commission of the European Communities in the Field of Nuclear Materials Safeguards (NLB 30, p. 38).
- 1982 Memorandum of Understanding between the DOE and the Commission of the European Communities in the Field of Radioactive Waste Management (NLB 30, p. 39).
- 1982 Agreement between the DOE and Atomic Energy of Canada Ltd. (AECL) in the Field of Radioactive Waste Management (NLB 30, p. 39).
- 1982 Agreement between the DOE and the Japan Power Reactor and Nuclear Fuel Development Corporation in the Field of Liquid Metal Fast Breeder Reactors (NLB 30, p. 39).
- 1983 Co-operation Agreements with Norway and Sweden in the Field of Peaceful Uses of Nuclear Energy (NLB 33, p. 35).
- 1983 Memorandum of Understanding between the DOE and the French Commissariat à l'énergie atomique (CEA) in the Field of Physical Protection of Nuclear Materials and Facilities (NLB 33, p. 35).
- 1983 Protocol with the People's Republic of China in the Fields of Nuclear Physics and Magnetic Fusion Research (NLB 33, p. 36).

- 1983 Specific Memorandum of Agreement between the DOE and the United Kingdom Atomic Energy Authority in the Area of Measurement of Residual Fuel in Liquid Metal Fast Breeder Reactors Head-end Wastes (NLB 33, p. 36).
- 1983 and 1984 Agreements between the DOE and the Japan Power Reactor and Nuclear Fuel Development Corporation in the Field of Liquid Metal Fast Breeder Reactors (NLB 33, p. 36).
- 1984 Science and Technology Co-operation Agreement with Brazil. 1994 Extension (NLB 57, p. 87).
- 1985 Agreement with the People's Republic of China for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 41). The text of the Agreement is reproduced in **NLB 36, p. 48**. 1998 Implementation (NLB 61, p. 98).
- 1986 Memorandum of Understanding with Euratom concerning Research on the Health and Environmental Effects of Radiation (NLB 38, p. 55).
- 1987 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 46).
- 1988 Memorandum of Co-operation with the USSR in the Field of Nuclear Reactor Safety (NLB 43, p. 94).
- 1989 Administrative Arrangement with Canada for Co-operation and Exchange of Information in Nuclear Regulatory Matters (NLB 44, p. 59).
- 1989 Agreement with Australia concerning Australian Ores Containing Uranium or Thorium (NLB 46, p. 84).
- 1991 Agreement with the Czech and Slovak Federal Republic on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 48, p. 63).
- 1991 Agreement with Hungary on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 49, p. 74).
- 1993 Agreement with the Russian Federation on the Sale of Highly Enriched Uranium (NLB 51, p. 86). 1996 Annexes (NLB 57, p. 93).
- 1993 Agreements with the Russian Federation and with Ukraine on Operational Safety Enhancements etc. (NLB 53, p. 109).
- 1993 Agreement with Ukraine on Non-proliferation of Nuclear Weapons from Ukraine. 1999 Extension (NLB 64, p. 72).
- 1993 Agreement with Slovenia on Technical Information Exchange and Co-operation in Nuclear Safety (NLB 54, p. 67). 1999 Renewal (NLB 64, p. 72).
- 1994 Framework Agreement with the Democratic People's Republic of Korea (NLB 54, p. 66). The text of the Agreement is reproduced in **NLB 54, p. 74**. 1995 Implementing Arrangements (NLB 56, p. 102).
- 1994 Arrangement with the Slovak Republic for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. 2000 Renewal (NLB 66, p. 67).

- 1995 Agreement with Brazil concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, and Advanced Containment and Surveillance Technologies for International Safeguards Applications. 2001 Extension of the Agreement (NLB 68, p. 79).
- 1995 Agreement with the Russian Federation on the Exchange of Technical Information in the Field of Warhead Safety and Security (NLB 57, p. 92).
- 1995 Agreement with South Africa for Co-operation concerning Peaceful Uses of Nuclear Energy (NLB 57, p. 93).
- 1995 Agreement with Germany on Reactor Safety R & D (NLB 59, p. 67).
- 1996 Agreement with Bulgaria for Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).
- 1996 Declaration with Norway and the Russian Federation on Arctic Military Environmental Co-operation (NLB 58, p. 127). Accession of the United Kingdom in 2003 (NLB 2, p. 72).
- 1996 Memorandum of Understanding with the Republic of Korea for a Co-operative Laboratory Relationship. 2000 Annex IV Joint Project on Cintichem Technology (NLB 68, p. 82).
- 1997 Arrangement with Argentina for Technical Exchange and Co-operation in the Area of Peaceful Uses of Nuclear Energy (NLB 61, p. 95).
- 1997 Agreement with Brazil for Co-operation concerning Peaceful Uses of Nuclear Energy (NLB 64, p. 67).
- 1997 Agreement of Intent with the People's Republic of China concerning Peaceful Uses of Nuclear Technology (NLB 61, p. 98).
- 1997 Arrangement with Mexico for the Exchange of Technical Information and Co-operation in Nuclear Safety and Research Matters (NLB 59, p. 68).
- 1997 Agreement with Switzerland in the Field of Radioactive Waste Management (NLB 61, p. 101).
- 1997 Agreement with Kazakhstan for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 66, p. 65).
- 1998 Agreement with the Russian Federation on the Nuclear Cities Initiative (NLB 62, p. 86).
- 1998 Agreement with the People's Republic of China on Co-operation concerning Peaceful Uses of Nuclear Technologies (NLB 62, p. 82; NLB 64, p. 68).
- 1998 Agreement with Ukraine concerning Peaceful Uses of Nuclear Energy (NLB 62, p. 87).
- 1998 Arrangement with Australia concerning R & D in Nuclear Material Control, Accountancy, Verification, Physical Protection, Advance Containment and Surveillance Technologies for International Safeguards (NLB 63, p. 87).
- 1998 Co-operation Agreement with Germany in Energy Research, Science and Technology, and Development (NLB 61, p. 99).

- 1999 Agreement with Kazakhstan for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters (NLB 65, p. 63).
- 1999 Co-operation Arrangement with Kazakhstan concerning Decommissioning of the BN-350 Reactor (NLB 65, p. 64).
- 1999 Agreement with Romania concerning Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
- 1999 Agreement with Australia for Co-operation concerning Technology for the Separation of Isotopes of Uranium by Laser Excitation (SILEX Agreement) (NLB 66, p. 61).
- 2000 Letter of Intent with Israel on Co-operation in the Fields of Non-proliferation, Arms Control, and Regional Security (NLB 65, p. 63).
- 2000 Memorandum of Understanding with France on Co-operation relating to Future Nuclear Technology (NLB 66, p. 64).
- 2000 Agreement with the Russian Federation related to the Disposal of Weapons-grade Plutonium (NLB 66, p. 66). 2002 Co-operation with the Russian Federation on Reduction of Weapons-grade Nuclear Material (NLB 70, p. 66).
- 2000 Agreement with France for Co-operation in Advanced Nuclear Reactor Science and Technology (NLB 67, p. 63). 2001 Implementing Agreement (NLB 68, p. 81).
- 2000 Agreement with Japan in the Field of Nuclear Technologies (NLB 67, p. 63).
- 2000 Implementing Agreement with Ukraine concerning the Ukraine Nuclear Fuel Qualification Project (NLB 67, p. 64).
- 2003 Agreement with France for Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 72, p. 71).
- 2003 Agreement with Brazil concerning co-operation in nuclear energy (NLB 73, p. 105).
- 2007 Agreement for Cooperation between the Government of the United States of America and the Government of India Concerning Peaceful Uses of Nuclear Energy (NLB 82, p. 41)
- 2008 Memorandum of Understanding with Bahrain on nuclear energy co-operation to ensure the stability and diversity of Bahrain's energy supplies (NLB 82, p. 199).
- 2008 Co-operative Arrangement with Croatia on co-operation in the peaceful uses of nuclear energy (NLB 89, p. 199).
- 2008 Memorandum of Understanding with Jordan on the peaceful use of nuclear energy and to work together to develop requirements for appropriate power reactors, fuel service arrangements, civilian training, nuclear safety, energy technology and other related areas (NLB 82, p. 199).
- 2008 Agreement with the Russian Federation on nuclear co-operation in the peaceful use of nuclear energy (NLB 82, p. 199).

- 2008 Memorandum of Understanding with Türkiye on co-operation in peaceful uses of nuclear energy
- 2008 Memorandum of Understanding with the United Arab Emirates on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
- 2008 Accord with the United States on Training, Research and Human Resources (NLB 82, p. 200).
- 2008 Agreement with Australia for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2008 Agreement with France for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2008 Agreement with Greece for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2008 Agreement with Indonesia for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2009 Agreement with the United Arab Emirates for co-operation in the peaceful uses of nuclear energy (NLB 83, p. 141).
- 2009 Agreement with South Africa on Co-operation in Research and Development of Nuclear Energy (NLB 84, p. 193).
- 2009 Joint Declaration with Italy on Nuclear Co-operation in civilian nuclear energy research and development covering areas of advanced nuclear energy systems and associated fuel cycle technologies (NLB 84, p. 193).
- 2009 Agreement with Iceland on co-operation to improve efforts to counter nuclear and radiological terrorism and promote international nuclear and environmental safety and security (NLB 84, p. 193).
- 2009 Agreement with Morocco on co-operation to improve efforts to counter nuclear and radiological terrorism and promote international nuclear and environmental safety and security (NLB 84, p. 193).
- 2010 Memorandum of understanding with Viet Nam on Co-operation in Civil Nuclear Energy Activities (NLB 85, p. 151).
- 2010 “New” START agreement with the Russian Federation on the reduction of deployed strategic nuclear warheads (NLB 85, 152).
- 2010 Joint declaration with the Czech Republic on industrial and commercial co-operation on civil nuclear energy (NLB 86, p. 93).
- 2010 Agreement with France and Japan on co-operation towards the joint design and development of fast breeder reactors (NLB 86, p. 93).
- 2010 Agreement with India on the reprocessing of nuclear material (NLB 86, p. 94).
- 2010 Agreements with Japan, Korea, Lithuania, Poland, and the Slovak Republic, respectively, on the exchange of technical information (NLB 86, p. 94).

- 2010 Memoranda of co-operation with Australia and Canada, respectively, for the import and export of certain radioactive sources (NLB 86, p. 94).
- 2021 Memorandum of Understanding with the Nuclear Regulatory Authority of the Slovak Republic regarding the exchange of technical information and co-operation in nuclear safety matters (NLB 107, p. 66).

## Uruguay

### Legislative and regulatory activities

#### ***Environmental protection***

- 1994 Act on Environmental Protection (NLB 54, p. 60).
- 1994 Decree on Toxic and Dangerous Substances (NLB 54, p. 60).
- 1994 Resolution on Environmental Impact Assessments (NLB 55, p. 45).

#### ***General legislation, regulations and instruments***

- 1980 Draft nuclear legislation and reorganisation of national nuclear policy (NLB 31, p. 19).
- 1984 Decree regulating the Use and Applications of Radioactive Materials and Ionising Radiation (NLB 37, p. 28).

#### ***Nuclear installations***

- 1991 Act concerning Approval of Nuclear Power Plants (NLB 54, p. 59).

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1996 Provisions relating to Radiological Emergencies and to Radiation Control (NLB 57, p. 83).
- 2002 Regulations on Radiation Protection (NLB 72, p. 58).
- 2013 Law 19.056 on Radiological Protection (NLB 92, p. 115).

#### ***Organisation and structure***

- 1986 Act creating the National Nuclear Technology Directorate and related texts (NLB 43, p. 85).
- 2004 Decree Establishing the National Directorate of Energy and Nuclear Technology (NLB 74, p. 69).

**Radioactive materials (including physical protection)**

- 1990 Order on Basic Licensing Procedures for Radioactive Materials and Equipment (NLB 47, p. 61).

**Radioactive waste management**

- 1992 Act concerning Radioactive Waste (NLB 54, p. 60).
- 2002 Regulation on Radioactive Waste Management (NLB 72, p. 59).

**Transport of radioactive materials**

- 1985 Decree on the Transport of Dangerous Goods (NLB 37, p. 29).
- 2002 Regulations on the Transport of Radioactive Materials (NLB 72, p. 59).

**Uzbekistan****Legislative and regulatory activities****Nuclear safety and radiological protection (including nuclear emergency planning)**

- 2000 Law on Radiation Protection (NLB 67, p. 56).

**Agreements**

- 2003 Agreement with Euratom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 72, p. 70).

**Venezuela****Legislative and regulatory activities****Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1986 Resolution on Concentration Limits for Radionuclides in Foods and Beverages (NLB 41, p. 30).

**Organisation and structure**

- 1975 Decree on Development of the Nuclear Industry (NLB 21, p. 36).

**Radioactive materials (including physical protection)**

- 1978 Decree establishing a System for Record-keeping and Control of Nuclear Materials (NLB 25, p. 27).

**Agreements**

- 1972 Basic Technical Co-operation Agreement with Argentina on the Peaceful Uses of Nuclear Energy. 1979 Supplementary Agreement (NLB 25, p. 41).
- 1973 Basic Technical Co-operation Agreement with Spain on the Peaceful Uses of Nuclear Energy. 1979 Supplementary Agreement (NLB 25, p. 41).
- 1979 Memorandum of Understanding with Brazil on Scientific and Technical Co-operation in the Nuclear Field (NLB 25, p. 41).
- 2008 Agreement with the Russian Federation on Co-operation in the Field of the Peaceful Use of Nuclear Energy (NLB 82, p. 200).
- 2010 Agreement with the Russian Federation on the Construction of Two Nuclear Units in Venezuela (NLB 86, p. 94).

**Viet Nam**

**Legislative and regulatory activities**

**General legislation, regulations and instruments**

- 1971 Summary of the Regulations governing Nuclear Activities (NLB 8, p. 21).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1997 Ordinance on Radiation Safety and Control (NLB 61, p. 90).

**Agreements**

- 1996 Agreement with the Republic of Korea for Co-operation in Research into the Peaceful Uses of Nuclear Energy (NLB 62, p. 84).
- 2008 Agreement with Japan to Co-operate on Preparatory Work for the Construction of Viet Nam's First Nuclear Power Plant (NLB 82, p. 200).
- 2010 Memorandum of understanding with the United States on Co-operation in Civil Nuclear Energy Activities (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation on the Construction of Two Nuclear Units in Vietnam (NLB 86, p. 94).

## (Former) Yugoslavia

### Legislative and regulatory activities

#### **Food irradiation**

- 1984 Regulation on the Conditions for Marketing Foods and Articles of General Use, Treated by Irradiation (NLB 35, p. 37).

#### **General legislation, regulations and instruments**

- 1984 Act on Protection against Ionising Radiation and Special Safety Measures in the Use of Nuclear Energy (NLB 35, p. 35; NLB 36, p. 24). The text of the Act is reproduced in the **Supplement to NLB 36**.
- 1987 Draft Amendments to the Constitution (NLB 40, p. 20).
- 1987 Act on Postponement of the Construction of Nuclear Power Plants until the Year 2000 (Slovenia) (NLB 40, p. 21; NLB 41, p. 30).
- 1989 Act prohibiting the Construction of Nuclear Power Plants in Yugoslavia (NLB 44, p. 54).

#### **Liability and compensation**

- 1978 Act on Liability for Nuclear Damage (NLB 23, p. 35). The text of the Act is reproduced in the **Supplement to NLB 23**.
- 1987 Decree raising the Amount of Liability for Nuclear Damage (NLB 40, p. 22).

#### **Nuclear installations**

- 1979 Regulation on Licensing of Nuclear Installations (NLB 32, p. 18). Replaced by 1988 Regulation (NLB 42, p. 31).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1971 Summary of the legal provisions governing radiation protection (NLB 8, p. 24).
- 1968 Regulation concerning the Formalities for Declaration and Registration within the Framework of Radiation Protection (NLB 10, p. 17).
- 1969 Regulation concerning Monitoring of Contamination of Persons and Objects (NLB 10, p. 17).
- 1976 Act on Protection against Ionising Radiation and 1977 Implementing Decree (NLB 23, p. 33). Repealed and replaced by the 1984 Act on Protection against Ionising Radiation and Special Safety Measures in the Use of Nuclear Energy (NLB 35, p. 35; NLB 36, p. 24).
- 1986 Regulation on Monitoring of Radioactive Contamination in the Vicinity of Nuclear Facilities (NLB 38, p. 39).

- 1986 Regulation on Dose Equivalent Limits for Members of the Public and for Occupational Exposure, Measurements of Occupational Exposure and Monitoring of the Working Environment (NLB 39, p. 25).
- 1989 Status of Radiation Protection Regulations (NLB 43, p. 82).

**Organisation and structure**

- 1987 Act setting up the Republic of Slovenia's Nuclear Safety Administration (NLB 40, p. 21).

**Radioactive waste management**

- 1969 Regulation dealing with the Conditions for the Storage of Radioactive Wastes (NLB 10, p. 18).

**Transport of radioactive materials**

- 1969 Regulation dealing with the Transport of Radioactive Materials whose Activity Exceeds the Specified Limit (NLB 10, p. 18).
- 1984 Act on the Transport of Dangerous Materials (NLB 36, p. 24).

## **Zambia**

**Legislative and regulatory activities**

***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1972 Ionising Radiation Act (NLB 10, p. 18; NLB 17, p. 20).

**Organisation and structure**

- 1967 Act setting up a National Council for Scientific Research. 1970 Amendment (NLB 7, p. 29).

## **Zimbabwe**

**Legislative and regulatory activities**

***Radioactive materials (including physical protection)***

- 1987 Hazardous Substances and Articles Regulations (NLB 45, p. 73).

## INTERNATIONAL ORGANISATIONS

### Arab Atomic Energy Agency

#### Legislative and regulatory activities

- 1994 Organisation of the Agency (NLB 54, p. 64).

### Council of Europe

#### Legislative and regulatory activities

- 1988 Recommendation of the Parliamentary Assembly concerning Nuclear Accidents (NLB 41, p. 40).
- 1993 Recommendation of the Parliamentary Assembly on Nuclear Power Plants in Central and Eastern Europe (NLB 51, p. 82).
- 1997 Recommendation of the Parliamentary Assembly on the Safety of Nuclear Installations in the Countries of Central and Eastern Europe (NLB 60, p. 102).

#### Case law

- 1997 *Balmer-Schafroth and Others v. Switzerland*: Judgment of the European Court of Human Rights concerning the extension of the operating licence of the Mühleberg NPP (NLB 60, p. 65).
- 2000 *Athanassoglou and Others v. Switzerland*: Judgment of the European Court of Human Rights (NLB 65, p. 25).
- 2001 *Balmer-Schafroth & Others v. Switzerland*: Judgment of the European Court of Human Rights (NLB 69, p. 62).

## **European Organization for Nuclear Research (CERN)**

### **Legislative and regulatory activities**

- 1972 Agreement with France on CERN's Legal Status, revising the 1965 Agreement (NLB 11, p. 36).
- 1984 Agreement with France on Safety Facilities for the Electron-positron Collider (NLB 36, p. 40).
- 1985 Portugal accedes to CERN (NLB 36, p. 37).
- 1985 Agreement with France on the Legal Position regarding Nuclear Materials Held by CERN on French Territory (NLB 38, p. 54).
- 1991 Agreement with Australia on Scientific and Technical Co-operation (NLB 53, p. 108).
- 2000 Convention with France on the Safety of Research Installations situated on French Territory (NLB 66, p. 65).

## **European Union (EURATOM)**

### **Legislative and regulatory activities**

#### ***Environmental protection***

- 1997 Directive 97/11/EC on the Assessment of the Effects of Certain Public and Private Projects on the Environment (NLB 60, p. 101).
- 2002 Proposals for a Directive on environmental liability with regard to the prevention and remedying of environmental damage (NLB 72, p. 66).
- 2003 Directive on Public Access to Environmental Information (NLB 74, p. 75).
- 2003 Directive on Public Participation on Respect of Certain Plans and Programmes relating to the Environment (NLB 74, p. 76).
- 2004 Directive 2004/35/EC on Environmental Liability with regard to the Prevention and Remedying of Environmental Damage (NLB 73, p. 101).
- 2004 Commission Recommendation 2004/2/Euratom on standardised information on radioactive airborne and liquid discharges into the environment from nuclear power reactors and reprocessing plants in normal operation (NLB 73, p. 102).
- 2006 Communication of the European Commission on Verification of Environmental Radioactivity Monitoring Facilities (NLB 78, p. 64).

- 2021 Inclusion of nuclear energy into the EU Taxonomy Regulation (NLB 107, p. 72).

### **Food irradiation**

- 1999 Directive 1999/2/EC on the approximation of the laws of the Member States concerning foods and food ingredients treated with ionising radiation (NLB 67, p. 63).
- 1999 Directive 1999/3/EC on the establishment of a Community list of foods and food ingredients treated with ionising radiation (NLB 67, p. 63).
- 2016 Council Regulation 2016/52/Euratom of 15 January 2016 laying down maximum permitted levels of radioactive contamination of food and feed following a nuclear accident or any other case of radiological emergency, and repealing Regulation (Euratom) No. 3954/87 and Commission Regulations (Euratom) No. 944/89 and (Euratom) No. 770/90 (NLB 97, p. 95).
- 2023 Applicability of the Complementary Delegated Act to the “EU Taxonomy of environmentally sustainable economic activities” (NLB 111, p. 94).

### **General legislation, regulations and instruments**

- 1985 Council Decisions concerning Research Programmes in the Nuclear Field (NLB 35, p. 51).
- 1987 Resolution of the European Parliament on the Future of Nuclear Energy (NLB 40, p. 32).
- 1987 Resolution of the European Parliament on the Reaction of the Community to Chernobyl (NLB 40, p. 38).
- 1995 Resolution No. C287/37 of the European Parliament on the European Union Energy Policy (NLB 57, p. 84).
- 2001 Resolution on the Commission Green Paper Towards a European Strategy for the Security of Energy Supply (NLB 69, p. 96).
- 2008 Council Decision establishing Statutes for the Euratom Supply Agency (NLB 81, p. 121).
- 2008 Update of the Nuclear Illustrative Programme in the context of the Second Strategic Energy (NLB 83, p. 136).
- 2009 Entry into force of the Lisbon Treaty (NLB 85, p. 147).
- 2011 Proposal for a Council Regulation of the European Parliament and the Council, under the Treaty on the Functioning of the European Union, establishing a new Instrument for Stability for 2014-20, ((COM/2011/845) final) (NLB 89, p. 142).
- 2011 Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on the Energy Roadmap 2050 (COM/2011/885 final) adopted (NLB 89, p. 144).

- 2011 Council Decision No. 2012/93/EURATOM concerning the Framework Programme of the European Atomic Energy Community for nuclear research and training activities (2012-2013) (NLB 89, p. 143).
- 2011 Council Decision No. 2012/94/EURATOM concerning the specific programme to be carried out by means of indirect actions, implementing the Framework Programme of the European Atomic Energy Community for nuclear research and training activities (2012-2013) (NLB 89, p. 143).
- 2011 Council Decision No. 2012/95/EURATOM of 19 December 2011 concerning the specific programme, to be carried out by means of direct actions by the Joint Research Centre, implementing the Framework Programme of the European Atomic Energy Community for nuclear research and training activities (2012-13) (NLB 89, p. 143).
- 2012 Proposal for a Council Regulation on the Research and Training Programme of the European Atomic Energy Community (2014-2018) contributing to the Horizon 2020 – The Framework Programme for Research and Innovation (COM/2011/812) (NLB 89, p. 142).
- 2012 7<sup>th</sup> European Atomic Energy Community European Nuclear Energy Forum (ENEF) plenary meeting (NLB 90, p. 136).
- 2013 Council Regulation (Euratom) No. 1314/2013 on the Research and Training Programme of the European Atomic Energy Community (2014-2018) complementing the Horizon 2020 Framework Programme for Research and Innovation (NLB 93, p. 115).
- 2013 Commission Implementing Decision adopting the 2014-2015 work programme in the framework of the Research and Training Programme of the European Atomic Energy Community (2014-2018) complementing the Horizon 2020 (C/2013/8563) (NLB 93, p. 116).
- 2013 Communication from the Commission on “Delivering the internal electricity market and making the most of public intervention” (C/2013/7243) (NLB 93, p. 117).
- 2014 Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on “A policy framework for climate and energy in the period from 2020 to 2030” (COM/2014/015) (NLB 93, p. 117).
- 2014 Communication from the Commission to the European Parliament and the Council on “A European Energy Security Strategy” (NLB 94, p. 135).
- 2014 Commission Staff Working Document on a Second Situation Report on Education and Training in the Nuclear Energy Field in the European Union (NLB 94, p. 136).
- 2015 Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee, the Committee of the Regions and the European Investment Bank on “a Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy” (NLB 95, p. 85).

- 2015 Communication from the European Commission “Towards an Integrated Strategic Energy Technology (SET) Plan: Accelerating the European Energy System Transformation” (NLB 96, p. 97).
- 2015 Euratom Supply Agency (ESA): Annual Report 2014 (NLB 96, p. 97).
- 2016 Communication from the Commission on the State of the Energy Union 2015 (NLB 97, p. 96).
- 2016 Commission Recommendation on the application of Article 103 of the Euratom Treaty (NLB 98, p. 85).
- 2016 Communication from the Commission on a Nuclear Illustrative Programme (NLB 98, p. 86).
- 2017 Report on Cyber Security in the Energy Sector (NLB 99, p. 95).
- 2017 Communication from the Commission on the state of progress of the negotiations with the United Kingdom under Article 50 of the Treaty on European Union (NLB 100, p. 107).
- 2017 Third report on the State of the Energy Union (NLB 100, p.107).
- 2017 Euratom Supply Agency (ESA): Annual Report 2016 (NLB 100, p. 108).
- 2018 Protection of persons reporting on breaches of European Union and Euratom Community law (whistleblower protection) (NLB 101, p. 94).
- 2018 Euratom Supply Agency (ESA): Annual Report 2017 (NLB 101, p. 95).
- 2019 Communication on a more efficient and democratic decision-making in EU energy and climate policy (NLB 102, p. 107).
- 2019 Study for the European Parliament PETI Committee: “Cross-border nuclear safety, liability and cooperation in the European Union” (NLB 102, p. 108).
- 2019 European Study on Medical, Industrial and Research Applications of Nuclear and Radiation Technology (NLB 102, p. 109).
- 2019 Euratom Supply Agency (ESA): Annual Report 2018 (NLB 103, p. 65).
- 2019 Euratom Supply Agency (ESA) Advisory Committee Report (NLB 103, p. 65).
- 2018 Study on the impact of the ITER activities in the EU, final report (NLB 103, p. 66).
- 2020 Euratom Supply Agency Advisory Committee Report on Nuclear Fuel Availability at EU Level from a Security of Supply Perspective (NLB 105, p. 101).
- 2021 New Rules of the Euratom Supply Agency (ESA) enter into force (NLB 107, p. 69).
- 2024 Commission Recommendation (Euratom) 2024/440 of 2 February 2024 on the use of dose coefficients for the estimation of the effective dose and equivalent dose for the purposes of Council Directive 2013/59/Euratom (NLB 112, p. 151).

- 2024 Commission Recommendation (Euratom) 2024/1112 of 18 April 2024 on clinical audits of medical radiological practices carried out pursuant to Council Directive 2013/59/Euratom (NLB 112, p. 152).

### **International relations**

- 2017 Memorandum of Understanding on a Strategic Energy Partnership between the European Union together with the European Atomic Energy Community and Ukraine (NLB 99, p. 96).
- 2018 Notice to stakeholders: Withdrawal of the United Kingdom and the EURATOM acquis (NLB 101, p. 93).

### **Liability and compensation**

- 2003 Proposals for decisions authorising the Member States to sign and ratify the Protocol to amend the Paris Convention (NLB 72, p. 66).
- 2003 Proposal of a Regulation on the law applicable to non-contractual obligations (NLB 72, p. 67).
- 2003 and 2004 Council Decisions authorising the Member States to sign and ratify the Protocol to Amend the Paris Convention, or to accede to it (NLB 73, p. 102).
- 2007 Council Decision Authorising the Republic of Slovenia to Ratify the 2004 Protocol Amending the Paris Convention (NLB 80, p. 111).
- 2011 Third Party Liability Group (NLB 88, p. 100).
- 2012 proposal for a Council Decision authorising the Member States which are Contracting Parties to the Vienna Convention on Civil Liability for Nuclear Damage of 21 May 1963 to ratify the Protocol amending that Convention in the interest of the European Union, or to accede to it (COM/2012/550) (NLB 90, p. 133).

### **Nuclear installations**

- 1978 Council Resolution on Mutual Exchange of Information at Community Level on Power Plant Siting (NLB 23, p. 50).
- 2006 Commission Recommendation on the Efficient Use of Nuclear Decommissioning Funds (NLB 78, p. 64).
- 2006 Council Decision on ITER (NLB 78, p. 64).
- 2007 Council Decision Establishing the European Joint Undertaking for ITER and the Development of Fusion Energy and Conferring Advantages upon it (NLB 80, p. 112).
- 2011 Council Regulation on Union support for the nuclear decommissioning assistance programmes in Bulgaria, Lithuania and Slovakia (COM/2011/783 final) (NLB 89, p. 141).
- 2013 Council Regulation (Euratom) No. 1368/2013 on Union support for the nuclear decommissioning assistance programmes in Bulgaria and Slovakia and

repealing Regulations (Euratom) No 549/2007 and (Euratom) No 647/2010 (NLB 93, p. 115).

- 2013 Council Regulation (Euratom) No 1369/2013 on Union support for the nuclear decommissioning assistance programme in Lithuania, and repealing Regulation (EC) No 1990/2006 (NLB 93, p. 115).
- 2013 Commission Decision to initiate the procedure laid down in Article 108(2) on the Treaty on the Functioning of the European Union concerning the Investment Contract (early Contract for Difference) for the Hinkley Point C New Nuclear Power Station (NLB 93, p. 123).
- 2014 Commission Implementing Decision on the rules of application for the nuclear decommissioning assistance programme for Bulgaria, Lithuania and Slovakia for the period 2014-2020 (NLB 94, p. 134).
- 2014 Commission Decision on the compatibility of the Investment Contract (early Contract for Difference) for the Hinkley Point C New Nuclear Power Station with Article 107(3)(c) of the Treaty on the Functioning of the European Union (NLB 94, p. 135).
- 2016 Report from the Commission to the European Parliament and the Council on the implementation of the work under the nuclear decommissioning assistance programme to Bulgaria, Lithuania and Slovakia in 2015 and previous years (NLB 98, p. 87).
- 2018 Proposal for a Council Decision on ITER (NLB 101, p. 94).
- 2018 Commission report on the evaluation and implementation of the EU nuclear decommissioning assistance programmes in Bulgaria, Slovakia and Lithuania (NLB 101, p. 95).

#### ***Nuclear safety and radiological protection (including emergency planning)***

- 1976 Council Directive laying down the Revised Basic Standards for the Health Protection of the General Public and Workers against the Dangers of Ionising radiation (NLB 18, p. 42). 1979, 1980 and 1984 Amendments (NLB 25, p. 36; NLB 26, p. 32; NLB 34, p.40). 1985 Communication of the Commission concerning the Directives (NLB 37, p. 39). Repealed by Directive 96/29/Euratom.
- 1984 Council Directive 84/466/Euratom laying down Basic Measures for the Radiation Protection of Persons Undergoing Medical Examination or Treatment (NLB 34, p. 40). Repealed by Directive 97/43/Euratom.
- 1986 Regulation (EEC) No. 1707/86 on the conditions governing imports of agricultural products originating in third countries following the accident at the Chernobyl Nuclear Power Plant (NLB 38, p. 48). Extended by 1987 Regulations Nos. 624/87 (NLB 39, p. 34) and 3955/87 (NLB 41, p. 59). 1990 Regulation (EEC) No. 737/90 on the same topic (NLB 45, p. 79). 1988 Regulation (EEC) No. 1983/88 for the application of Regulation No. 3955/87 (NLB 42, p. 47). 1992 and 1994 Regulations (EEC) Nos. 598/92 and 3034/94 establishing a List of Products Excluded from the 1990 Regulation Application (NLB 49, p. 68; NLB 55, p. 49). 2000 Amendment of the 1990 Regulation (NLB 65, p. 57). 1999 Application Regulation No. 1661/1999 (NLB 64, p. 65), amended in 2001 (NLB 69, p. 96) and 2002 (NLB 70, p. 62).

- 1987 Regulation (Euratom) No. 3954/87 laying down Maximum Permitted Levels of Radioactive Contamination of Foodstuffs and of Feedingstuffs following a Nuclear Accident or any Other Case of Radiological Emergency (NLB 39, p. 33). 1989 Amending Regulation (Euratom) No. 2218/89 (NLB 44, p. 83).
- 1987 Council Decision 87/600/Euratom on Community Arrangements for the Early Exchange of Information in the Event of a Radiological Emergency (NLB 39, p. 33).
- 1987 Resolution of the European Parliament on the Problem of Contamination of Foodstuffs following the Chernobyl Disaster (NLB 40, p. 35).
- 1987 Resolution of the European Parliament on the Reaction of the Community to Chernobyl (NLB 40, p. 38).
- 1989 Regulation (EEC) No. 2219/89 on the Special Conditions for Exporting Foodstuffs and Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency. (NLB 44, p. 85).
- 1989 Regulation (Euratom) No. 944/89 laying down Maximum Permitted Levels of Radioactive Contamination in Minor Foodstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 44, p. 87).
- 1989 Directive 89/618/Euratom on Informing the General Public about Health Protection Measures to be Applied and Steps to be Taken in the Event of a Radiological Emergency (NLB 45, p. 79). 1991 Commission Communication on the Directive (NLB 48, p. 58).
- 1990 Regulation (Euratom) No. 770/90 laying down Maximum Permitted Levels of Radioactive Contamination of Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 45, p. 79). 2000 Amendment (NLB 66, p.57).
- 1990 Commission Recommendation No. 143 on Protection of the Public against Indoor Exposure to Radon (NLB 46, p. 81).
- 1990 Directive 90/641/Euratom on the Operational Protection of Outside Workers Exposed to the Risk of Ionising Radiation during their Activities in Controlled Areas (NLB 47, p. 64).
- 1991 Commission Recommendation 91/444/Euratom on Article 33 of the Euratom Treaty (NLB 49, p. 68).
- 1992 Council Resolution on the Technological Problems of Nuclear Safety (NLB 51, p. 82).
- 1996 Directive 96/29/Euratom laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation (NLB 52, p. 74; NLB 58, p. 124). 1998 Commission Communication concerning the Implementation of the Directive (NLB 61, p. 93).
- 1996 Directive 96/82/EC concerning the control of risks arising from major accidents involving hazardous substances (Seveso Directive II) (NLB 59, p. 64).
- 1997 Directive 97/43/Euratom on Health Protection of Individuals against the Dangers of Ionising Radiation in Relation to Medical Exposures (NLB 60, p. 96).

- 2000 Recommendation 2000/473/Euratom on the Monitoring of the Levels of Radioactivity in the Environment by the Member States of the European Union (NLB 66, p. 57).
- 2001 Recommendation 2001/928/Euratom on the protection of the public against exposure to radon in drinking water supplies (NLB 69, p. 95).
- 2003 Decisions in relation to civil protection (NLB 73, p. 100).
- 2003 Recommendation on the protection and information of the public with regard to the continued contamination of certain wild food products following the Chernobyl Accident (NLB 72, p. 65).
- 2003 and 2004 Proposals for Directives on nuclear safety and radioactive waste management (NLB 72, p. 64; NLB 74, p. 76).
- 2004 Nuclear Safety Convention – Euratom Declaration (NLB 73, p. 99).
- 2008 European Commission proposal for a Council Directive setting up a Community framework for nuclear safety (NLB 83, p. 135).
- 2009 Council Directive 2009/71/Euratom establishing a Community framework for the nuclear safety of nuclear installations (NLB 84, p. 141, p.189).
- 2009 Amendment to Council Regulation on the conditions governing imports of agricultural products originating in third countries following the accident at the Chernobyl nuclear power station (NLB 85, p. 147).
- 2011 Plenary meeting of the European Nuclear Safety Regulators Group (ENSREG) (NLB 87, p. 103). Additional ENSREG meetings: NLB 88, p. 101; NLB 89, p. 145; NLB 90, p. 135; NLB 91, p. 132; NLB 93, p. 123; NLB 94, p. 175.
- 2011 Proposal for a Council Regulation establishing an Instrument for Nuclear Safety Cooperation (COM/2011/841) (NLB 89, p. 141).
- 2011 Proposal for a Council Directive laying down requirements for the protection of the health of the general public with regard to radioactive substances in water intended for human consumption (COM/2012/147) including radon gas (NLB 89, p. 142).
- 2011 Commission Implementing Regulation No. 1371/2011 of 21 December 2011 amending Implementing Regulation (EU) No. 961/2011 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 89, p. 143).
- 2011 Communication from the Commission to the Council and the European Parliament on the interim report on the comprehensive risk and safety assessments (“stress tests”) of nuclear power plants in the European Union (SEC/2011/1395 final) (NLB 89, p. 143).
- 2012 Communication from the Commission to the Council and the European Parliament – Final report on the comprehensive risk and safety assessments (“stress tests”) of nuclear power plants in the European Union (COM/2012/571) (NLB 90, p. 135).

- 2012 first public meeting on EU stress tests and peer review process (NLB 89, p. 144); second public meeting (NLB 90, p. 135).
- 2012 European Commission seminar on Safety of Nuclear Power Plants against Aircraft Impacts (NLB 90, p. 136).
- 2012 Commission Decision concerning the adoption of the Report of the European Atomic Energy Community for the Second Convention on Nuclear Safety (CNS) Extraordinary Meeting (C/2012/3196 final) (NLB 90, p. 134).
- 2012 Commission Decision on endorsement of the International Basic Safety Standards: Radiation Protection and Safety of Radiation Sources (C/2012/5311) (NLB 90, p. 134).
- 2012 Commission Implementing Regulation (EU) No. 250/2012 of 21 March 2012 amending Implementing Regulation (EU) No. 961/2011 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 89, p. 143).
- 2012 Proposal for a Council Directive under the Euratom Treaty, laying down Basic Safety Standards for protection against the dangers arising from ionising radiation exposure (COM/2012/242) (NLB 90, p. 131).
- 2012 Commission Implementing Regulation (EU) No. 284/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station and repealing Implementing Regulation (EU) No. 961/2011 (NLB 90, p. 133).
- 2012 Commission Implementing Regulation (EU) No. 561/2012 amending Implementing Regulation (EU) No. 284/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 90, p. 133).
- 2012 Commission Implementing Regulation (EU) No. 996/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station and repealing Implementing Regulation (EU) No. 284/2012 (NLB 90, p. 133).
- 2013 Commission Implementing Regulation (EU) No. 495/2013 amending Implementing Regulation (EU) No. 996/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 92, p. 117).
- 2013 Proposal for a Council Directive amending Directive 2009/71/Euratom establishing a Community framework for the nuclear safety of nuclear installations (COM/2013/715 final) (NLB 92, p. 117).
- 2013 Commission Decision on granting a Euratom loan in support of the Ukraine safety upgrade program of nuclear power plants (C(2013)3496) (NLB 92, p. 119).
- 2013 Council Directive 2013/51/Euratom laying down requirements for the protection of the health of the general public with regard to radioactive substances in water intended for human consumption (NLB 93, p. 113).

- 2013 Council Directive 2013/59/Euratom laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom (NLB 93, p. 114).
- 2013 Council Regulation (Euratom) No. 237/2014 establishing an Instrument for Nuclear Safety Cooperation (NLB 93, p. 114).
- 2013 European Commission organised meeting on “Stress Tests for Nuclear Power Plants in European Union (EU) Neighbouring Countries: Experience and Follow-up” (NLB 93, p. 123).
- 2014 Proposal for a Council Regulation laying down maximum permitted levels of radioactive contamination of food and feed following a nuclear accident or any other case of radiological emergency (COM/2013/943) (NLB 93, p. 113).
- 2014 Commission Implementing Regulation (EU) No. 322/2014 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 93, p. 116).
- 2014 Council Directive 2014/87/Euratom amending Directive 2009/71/Euratom establishing a Community framework for the nuclear safety of nuclear installations (NLB 94, p. 133).
- 2014 Strategy for a Community Cooperation Programme on Nuclear Safety (2014-2020) and the Instrument for Nuclear Safety Cooperation Multiannual Indicative Programme (2014-2017) (NLB 94, p. 134).
- 2014 Annual Action Programme for the implementation of nuclear safety co-operation (NLB 94, p. 134).
- 2018 Budgetary support for nuclear safety and decommissioning (NLB 101, p. 94).
- 2020 Special reports of the Court of Auditors about the European Commission’s contribution to nuclear safety (NLB 104, p. 30).
- 2022 Second Report of the European Commission on the progress achieved with the implementation of the Nuclear Safety Directive (NLB 108/109, p. 126).
- 2023 Declaration on EU SMR 2030 – The role of Research, Innovation, Education and Training for the safety of Small Modular Reactors (SMRs) in the European Union (NLB 111, p. 93).
- 2024 Second ENSREG topical peer review on fire protection at nuclear installations (NLB 113, p. 86).

### **Nuclear security**

- 2003 Council Directive 2003/122/Euratom on the Control of High Activity Sealed Sources and Orphan Sources (NLB 73, p. 100).
- 2012 Report of the Ad Hoc Group on Nuclear Security, Council of the European Union (NLB 90, p. 134)

- 2015 Report from the Commission to the European Parliament, the Council and the European Economic and Social Committee on the experience gained in the implementation of Directive 2003/122/EURATOM on the control of high-activity sealed radioactive sources and orphan sources (NLB 95, p. 86).
- 2016 Council decision on the Union support for the International Atomic Energy Agency activities in the areas of nuclear security and in the framework of the implementation of the EU Strategy against the Proliferation of Weapons of Mass Destruction (NLB 99, p. 96).
- 2022 Information paper on the laws and regulations giving effect to the A/CPPNM (NLB 108/109, p. 126).

#### ***Nuclear trade (including non-proliferation)***

- 1982 Proposed new provisions relating to supplies under the Euratom Treaty (NLB 31, p. 25).
- 1988 CEC Statement to the European Parliament's Committee of Enquiry on the exchange of obligations on safeguarding nuclear materials (NLB 42, p. 43).
- 1996 Decision No. 96/613/PESC concerning the Control of Exports of Dual Use Goods (NLB 59, p. 64).
- 2000 Regulation (EC) No. 1334/2000 setting up a Community regime for the Control of Exports of Dual-Use Items and Technologies (NLB 70, p. 63).
- 2002 and 2005 Commission Regulation (Euratom) on the Application of Euratom Safeguards (NLB 72, p. 65; NLB 75, p. 135; NLB 76, p. 98).
- 2003 Proposal of a Regulation on the law applicable to non-contractual obligations (NLB 72, p. 67).
- 2004 Council Decision approving a Commission Regulation on the Application of Euratom Safeguards (NLB 73, p. 103).
- 2005 Commission Regulation on the Application of Euratom Safeguards (NLB 75, p. 135).
- 2009 Communication on nuclear non-proliferation (NLB 83, p. 137).

#### ***Organisation and structure***

- 1971, 1985 and 1994 Reorganisation of the Euratom Joint Research Centre (NLB 7, p. 35; NLB 37, p. 39; NLB 55, p. 49). 1983 Decision by the Council of Ministers on the programme of the ISPRA Joint Research Centre (NLB 33, p. 31).
- 1974 Council Decision constituting the Hochtemperatur-Kernkraftwerk GmbH as a Joint Enterprise (NLB 14, p. 43).
- 1978 Council Decision 78/471/Euratom on the Establishment of the Joint European Torus (JET) Joint Undertaking, including statutes of the project (NLB 22, p. 39).
- 1980 Council Decision setting up an ad hoc Advisory Committee on Irradiated Nuclear Fuel Reprocessing (NLB 25, p. 37).

- 1990 Regulation No. 1210 on the Establishment of the European Environment Agency and the European Environment Information and Observation Network (NLB 46, p. 81).
- 2000 Transfer of responsibilities for nuclear safety issues (NLB 66, p. 57).
- 2012 Topical peer reviews (NLB 89, p. 144).
- 2013 EU-IAEA Senior Officials meeting (NLB 91, p. 133).

#### **Radioactive materials (including physical protection)**

- 2002 Council Regulation on the Establishment of national systems for surveillance and control of the presence of radioactive materials in the recycling of metallic materials in the Member States (NLB 70, p. 63).
- 2003 Proposal for Directive on the control of high activity sealed radioactive sources (NLB 72, p. 65).
- 2007 Council Decision Approving the Accession of the European Atomic Energy Community to the Amended Convention on the Physical Protection of Nuclear Material (NLB 80, p. 112).
- 2007 Commission Decision concerning the accession of the European Atomic Energy Community to the Convention on the Physical Protection of Nuclear Material and Nuclear Facilities (NLB 81, p. 121).
- 2012 Proposal for a Council Regulation establishing a Community system for registration of carriers of radioactive materials (COM/2012/561) (NLB 90, p. 132).
- 2012 Council Conclusions “Towards the Secure Supply of Radioisotopes for Medical Use in the European Union” (NLB 91, p. 132).
- 2015 Report of June 2015 from the Euratom Supply Agency to the European Commission on the Security of Supply of Medical Radioisotopes (NLB 96, p. 98).

#### **Radioactive waste management**

- 1990 Commission Recommendation on the Application of Article 37 of the Euratom Treaty (NLB 47, p. 64).
- 1992 Council Resolution on Renewal of Community Plan of Action in the Field of Radioactive Waste Management (NLB 51, p. 81).
- 1994 Council Resolution No. 94/C 379/01 on Radioactive Waste Management (NLB 55, p. 50).
- 1999 Recommendation No. 1999/669 on a Classification System for Solid Radioactive Waste (NLB 64, p. 66).
- 2003 and 2004 Proposals for Directives on nuclear safety and radioactive waste management (NLB 72, p. 64; NLB 74, p. 76).
- 2008 Commission Decision establishing the standard document for the supervision and control of shipments of radioactive waste and spent fuel. (NLB 81, p. 121).

- 2008 European Commission Recommendation on criteria for the export of radioactive waste and spent fuel to third countries (NLB 83, p. 136).
- 2011 Council Directive 2011/70/Euratom establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste (NLB 88, p. 99).
- 2011 Euratom Report on the implementation of the obligations under the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management for the 4<sup>th</sup> Review Meeting of the Contracting Parties (NLB 88, p. 100).
- 2011 Seventh Situation Report Radioactive Waste and Spent Fuel Management in the European Union (NLB 88, p. 100).
- 2013 Communication from the Commission to the European Parliament and the Council on the use of financial resources earmarked for the decommissioning of nuclear installations, spent fuel and radioactive waste (NLB 91, p. 131).
- 2014 Euratom Report on the implementation of the obligations under the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management for the 5<sup>th</sup> Review Meeting of the Contracting Parties (NLB 94, p. 136).
- 2017 Report on the progress of implementation of Council Directive 2011/70/Euratom (NLB 100, p. 108).
- 2018 Euratom report on the implementation of the Joint Convention (NLB 101, p. 95).
- 2019 The Commission report on the progress of implementation of Council Directive 2011/70/Euratom on radioactive waste and spent fuel present in the Community's territory and the future prospects (NLB 104, p. 30).
- 2021 Commission Decision setting up the group of experts on financial aspects of nuclear decommissioning and spent fuel and radioactive waste management (NuBaFA) (NLB 107, p. 69).
- 2023 Adoption of the fourth report on the implementation of the Council Directive 2006/117/Euratom (NLB 110, p. 81).

#### **Transport of radioactive materials**

- 1992 Directive 92/3/Euratom on Control of Radioactive Waste Shipments (NLB 49, p. 67).
- 1993 Regulation (Euratom) No. 1493/93 on Shipments of Radioactive Substances between Member States (NLB 52, p. 74). 1993 Standard Document for Such Shipments (NLB 53, p. 105).
- 1993 Directive 93/75/EEC concerning Minimum Requirements for Vessels Bound for or Leaving Community Ports and Carrying Dangerous or Polluting Goods. 1998 Amendment (NLB 62, p. 75).
- 2006 Council Directive 2006/117/EURATOM on the Supervision and Control of Shipments of Radioactive Waste and Spent Fuel (NLB 79, p. 77).

- 2013 Report from the Commission to the European Parliament, the Council and the Economic and Social Committee on the implementation by the Member States of Council Directive 2006/117/Euratom on the supervision and control of shipments of radioactive waste and spent fuel [COM (2013) 240 final] (NLB 92, p. 118).
- 2019 Third report on member states' implementation of Council Directive 2006/117/Euratom on the supervision and control of shipments of radioactive waste and spent fuel (NLB 104, p. 29).

### Case law

- 1988 Decision of the European Communities Court of Justice concerning the Cattenom nuclear power plant (NLB 42, p. 32).
- 1991 Regulations on Radioactive Contamination of Foodstuffs: *CEC v. European Parliament* (NLB 48, p. 34).
- 1992 Radiation Protection Standards Dose Limits: *Commission v. Belgium* (NLB 53, p. 48).
- 1994 Common Supply Policy for Nuclear Material (NLB 54, p. 38).
- 1996 *ENU v. the European Commission*: oral proceedings (NLB 55, p. 23). Judgments of the Court of First Instance and of the European Communities' Court of Justice (NLB 56, p. 58; NLB 58, p. 82; NLB 59, p. 39).
- 1996 The KLE Case: oral proceedings and 1997 Judgment of the Court of First Instance (NLB 58, p. 80; NLB 59, p. 39).
- 1999 *Lirussi and Bizzaro*: Judgment of the European Communities Court of Justice (NLB 65, p. 25).
- 2002 Accession of the Community to the Convention on Nuclear Safety: *Commission v. Council* (NLB 71, p. 52).
- 2005 *European Commission v. UK*: Judgment of the European Court of Justice (NLB 75, p. 109).
- 2006 Judgment of the Court of First Instance in Relation to German Tax Exemptions for Reserves Set up by Nuclear Power Stations (NLB 77, p. 44).
- 2006 Judgment of the Court of Justice in Relation to its Jurisdiction to Rule on Disputes Concerning Interpretation and Application of the Provisions of Conventions Forming Part of the Community Legal Order (NLB 77, p. 45).
- 2006 Judgment of the European Court of Justice on Uranium Enrichment (NLB 78 p.39).
- 2007 Judgment of the European Court of Justice on failure of a Member State to fulfil obligations under Directive 96/29/Euratom (NLB 81, p. 99).
- 2009 Judgment of the European Court of Justice in the Case *Land Oberösterreich v CEZ* (NLB 84, p. 118).
- 2011 Greenland cases (NLB 88, p. 70).

- 2020 Judgment of the Court of Justice of the EU in the Case *Inter-Environnement Wallonie and Bond Beter Leefmilieu Vlaanderen v Council of Ministers* (NLB 104, p. 31).
- 2020 Court of Justice of the European Union judgment in *Austria v. Commission*, in Case C-594/18 P (Hinkley Point C) (NLB 105, p. 90).

### **Administrative decisions**

- 1990 Decision on ANF Lingen relating to a Procedure in Application of Article 83 of the Euratom Treaty (NLB 47, p. 37). Community undertakings in the nuclear field placed under administration in 1993 (NLB 52, p. 44).

### **Agreements**

- 1958 Co-operation Act between Euratom and the United States. Amendment (NLB 1, p. 29).
- 1959 Agreement with Canada on Nuclear Materials. 1981 Amendment (NLB 29, p. 38). 1985 Renewal (NLB 36, p. 39).
- 1960 and 1996 Agreements with the United States on Peaceful Nuclear Co-operation (NLB 56, p. 102; NLB 57, p. 90).
- 1972 Agreement with the IAEA concerning the Application of the Treaty on the Non-Proliferation of Nuclear Weapons (NLB 11, p. 30; NLB 19, p. 27).
- 1975 Co-operation Agreement with the IAEA on the Peaceful Uses of Nuclear Energy (NLB 16, p. 33; NLB 17, p. 29).
- 1978 Agreement with the IAEA and France for the Application of Safeguards to Certain Nuclear Materials in France (NLB 28, p. 44).
- 1981 Agreement with Australia on Nuclear Materials (NLB 30, p. 39).
- 1982 Agreement with the US Department of Energy (DOE) in the Field of Nuclear Materials Safeguards (NLB 30, p. 38).
- 1982 Memorandum of Understanding with the DOE in the Field of Radioactive Waste Management (NLB 30, p. 39).
- 1984 Co-operative Agreement with the Swiss National Corporation for the Disposal of Radioactive Waste (CEDRA) (NLB 34, p. 44).
- 1986 Memorandum of Understanding with Canada on Co-operation in the Field of Fusion (NLB 37, p. 43).
- 1986 Memorandum of Understanding with the United States concerning Research on the Health and Environmental Effects of Radiation (NLB 38, p. 55).
- 1990 Co-operation Agreement with Sweden on Research and Training in the Field of Radiation Protection (NLB 47, p. 73).
- 1990 Research and Development Co-operation Agreement with Switzerland in the Field of Radioactive Waste Management (NLB 47, p. 74).

- 1991 Agreement with Romania on Commercial and Economic Co-operation (NLB 48, p. 66).
- 1991 Agreements with Hungary and Poland on Establishment of an Association for Assistance in the Nuclear Field (NLB 52, p. 81).
- 1993 Arrangement with Australia concerning the Agreement on Nuclear Transfers (NLB 55, p. 51).
- 1995 Memorandum of Understanding with the Russian Federation on Technical Assistance in Nuclear Safety (NLB 55, p. 54).
- 1995 Memoranda with the Russian Federation and Ukraine dealing with Technical Assistance in the Field of Nuclear Safety (NLB 57, p. 89).
- 1996 Co-operation Agreement with Argentina relating to the Peaceful Uses of Nuclear Energy (NLB 61, p. 95).
- 1997 Participation by the European Union in the Korean Peninsula Energy Development Organisation (KEDO) (NLB 60, p. 112).
- 1998 Implementing Arrangement with Australia concerning Plutonium Transfers (NLB 66, p. 61).
- 2001 Co-operation Agreement with the Russian Federation on Nuclear Safety (NLB 68, p. 80).
- 2001 Co-operation Agreement with the Russian Federation on Controlled Nuclear Fusion (NLB 68, p. 80).
- 2003 Agreement with Non-Member States of the European Union on radiological emergency (NLB 72, p. 70).
- 2003 Agreement with Uzbekistan for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 72, p. 70).
- 2010 The European Union and the IAEA: Agreement to implement “integrated safeguards” in all EU non-nuclear-weapon states with “significant” nuclear activities (NLB 85, p. 152).
- 2013 Commission Decision on granting a Euratom loan in support of the Ukraine safety upgrade program of nuclear power plants [C(2013)3496] (NLB 92, p. 119).
- 2013 Signature of the Agreement between the government of South Africa and the European Atomic Energy Community for co-operation in the peaceful uses of nuclear energy, 18 July (NLB 92, p. 119).
- 2013 Renewal of the Agreement between the European Atomic Energy Community and the Korean Peninsula Energy Development Organisation (KEDO) (NLB 92, p. 119).
- 2013 Signature of the Memorandum of Understanding for a partnership between the European Atomic Energy Community and the International Atomic Energy Agency on nuclear safety co-operation, 17 September (NLB 92, p. 120).
- 2015 Signature of an Agreement for Scientific and Technological Cooperation between the European Union and European Atomic Energy Community and the

Swiss Confederation associating the Swiss Confederation to Horizon 2020 – the Framework Programme for Research and Innovation and the Research and Training Programme of the European Atomic Energy Community complementing Horizon 2020; and regulating the Swiss Confederation's participation in the ITER activities carried out by Fusion for Energy (NLB 95, p. 87).

- 2016 Initiation of the signature process by the Euratom of the extension of the Generation IV International Forum (GIF) Framework Agreement (NLB 97, p. 97).
- 2016 Memorandum of Understanding on a Strategic Energy Partnership between the European Union together with the European Atomic Energy Community and Ukraine (NLB 99, p. 96).
- 2020 Agreements between the United Kingdom and the European Union and the Euratom Community in the nuclear field (NLB 106, p. 41).
- 2021 Agreement between the Republic of South Africa and the European Atomic Energy Community for Cooperation in the Peaceful Uses of Nuclear Energy (NLB 108/109, p. 125).
- 2022 Memorandum of Understanding between Euratom and the IAEA on nuclear safety co-operation (NLB 108/109, p. 127).
- 2024 Practical Arrangements on Cooperation in the area of Response to Nuclear and Radiological Incidents and Emergencies between Euratom and the IAEA (NLB 113, p. 85).

## **Food and Agricultural Organization (FAO)**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1994-1995 Adoption of Basic Safety Standards for Radiation Protection (NLB 55, p. 50).

## International Atomic Energy Agency (IAEA)

### Legislative and regulatory activities

#### **Environmental protection**

- IAEA Responsibilities under the 1972 London Convention on the Prevention of Marine Pollution (NLB 11, p. 28; NLB 12, p. 22; NLB 14, p. 36; NLB 19, p. 31; NLB 36, p. 34).

#### **Food irradiation**

- 1968 Survey of legislation on irradiated food (NLB 2, p. 32).
- 1972 Consultation Group on the Legal Aspects of Food Irradiation (NLB 9, p. 71).
- 1979 Standardisation of irradiated food (NLB 26, p. 31).
- 1992 Harmonising Food Irradiation Regulations in Asia and the Pacific Region – WHO/IAEA/ FAO (NLB 49, p. 69).

#### **General legislation, regulations and instruments**

- 2022 Webinar on the Legal Framework for the Management of Transboundary Nuclear Risk (NLB 108/109, p. 133).
- 2022 Webinar on Openness and Transparency in International and National Nuclear Law (NLB 108/109, p. 133).
- 2023 Regional Workshop on Nuclear Law for member states in Europe and Central Asia (NLB 111, p. 96).
- 2023 Interregional Workshop on the International and National Legal Frameworks for Small Modular Reactors (SMRs) (NLB 111, p. 96).

#### **Liability and compensation**

- Exemption of small quantities of nuclear material from the scope of the Vienna Convention (NLB 7, p. 33; NLB 8, p. 29; NLB 14, p. 37).
- 1984 and 1987 Meetings of the Standing Committee on Civil Liability for Nuclear Damage (NLB 33, p. 30; NLB 39, p. 31).
- 1988 International Liability of States (NLB 41, p. 39). 1988 Resolution on International Liability for Nuclear Damage (NLB 42, p. 42).
- 1989 Working Group on Liability for Nuclear Damage (NLB 44, p. 55).
- 1990 Standing Committee on Liability for Nuclear Damage (NLB 45, p. 77; NLB 46, p. 78).
- 1992 Helsinki Symposium on Nuclear Accidents – Liabilities and Guarantees (NLB 50, p. 74).
- 1994 Work on revision of the Vienna Convention and on a Supplementary Funding Convention (NLB 53, p. 104).

- 2003 Establishment of the International Expert Group on Nuclear Liability (INLEX) (NLB 74, p. 74).
- Meetings of the International Expert Group on Nuclear Liability (INLEX): NLB 75, p. 135; NLB 78, p. 60; NLB 80, p. 114; NLB 82, p. 231; NLB 84, p. 208; NLB 85, p. 155; NLB 87, p. 106; NLB 90, p. 139; NLB 91, p. 134; NLB 93, p. 119; NLB 95, p. 89; NLB 97, p. 99; NLB 99, p. 100; NLB 101, p. 97; NLB 102, p. 111; NLB 106, p. 44; NLB 108/109, p. 129; NLB 110, p. 83; NLB 112, p. 154; NLB 113, p. 88; NLB 114, p. 95.
- 2007 Resolution on the Exclusion of Small Quantities of Nuclear Material from the Application of the Vienna Convention (NLB 80, p. 114).
- Workshops on Civil Liability for Nuclear Damage: NLB 93, p. 119; NLB 95, p. 89; NLB 97, p. 99; NLB 99, p. 100; NLB 100, p. 113; NLB 101, p. 97; NLB 102, p. 111; NLB 104, p. 33; NLB 106, p. 44; NLB 108/109, p. 129; NLB 110, p. 83; NLB 112, p. 154; NLB 113, p. 88; NLB 114, p. 95.
- 2014 Side event of the 58<sup>th</sup> regular session of the General Conference on “The Convention on Supplementary Compensation for Nuclear Damage (CSC) – in the Context of the Global Nuclear Liability Regime” (NLB 94, p. 141).
- 2021 Preparatory meetings of the Bureau of the Second Meeting of the Contracting Parties and Signatories to the CSC (NLB 107, p. 74).
- 2022 Second Meeting of the Contracting Parties and Signatories to the CSC (NLB 108/109, p. 129).
- 2022 Side event to mark the 25th anniversary of the 1997 Nuclear Liability Instruments (NLB 108/109, p. 131).
- 2022 Side event to mark the 25th anniversary of the adoption of the Joint Convention (NLB 108/109, p. 131).
- 2022 Bureau Meeting of the Third Meeting of the Contracting Parties and Signatories to the CSC (NLB 110, p. 83).
- 2023 Third Meeting of the Contracting Parties and Signatories to the CSC (NLB 110, p. 83).
- 2023 Bureau Meeting of the Fourth Meeting of the Contracting Parties and Signatories to the CSC (NLB 111, p. 96).
- 2023 General Conference Side event to mark the 20th anniversary of the International Expert Group on Nuclear Liability (NLB 111, p. 99).
- 2023 Regional Workshop on Civil Liability for Nuclear Damage for Latin America (NLB 112, p. 154).
- 2023 INLEX outreach activity for the Latin America and the Caribbean Region (NLB 112, p. 154).
- 2024 Publication of International Expert Group on Nuclear Liability (INLEX): A Collective View on the First Two Decades (NLB 113, p. 88).
- 2024 Fourth Meeting of the Contracting Parties and Signatories to the CSC (NLB 113, p. 88).

- 2024 Side event at the General Conference to promote the expansion of the membership of the CSC (NLB 113, p. 92).
- 2025 Fifth Meeting of the Contracting Parties and Signatories to the CSC (NLB 114, p. 95).

***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1968 Code of Practice for the Safe Operation of Nuclear Power Plants (NLB 2, p. 32).
- 1969 Code of Practice for the Safe Operation of Critical Assemblies and Research Reactors (NLB 3, p. 29). 1983 Revision (NLB 32, p. 24).
- 1975 Revision of the IAEA Health and Safety Measures (NLB 16, p. 34). Subsequent revisions (NLB 17, p. 25; NLB 24, p. 29; NLB 28, p. 38).
- 1979 Revised Code of Practice on Personnel Monitoring (NLB 25, p. 33).
- 1981 and 1991 Revisions of Basic Standards for Radiation Protection (NLB 28, p. 38; NLB 48, p. 59). 1994-1995 Adoption of standards (NLB 55, p. 50).
- 1982 Revised Code of Practice on Radiation Protection in Mining and Milling of Radioactive Ores (NLB 30, p. 32).
- 1983 Guidelines for Mutual Emergency Assistance Arrangements (NLB 32, p. 25).
- 1986 Tokyo Summit Declaration on the Implications of the Chernobyl Nuclear Accident (NLB 37, p. 37).
- 1986 Special Session of the General Conference. Final Document and Resolution (NLB 38, p. 64).
- 1987 Resolution on Nuclear Safety adopted by the General Conference (NLB 40, p. 30).
- 1987 Resolution on Radiological Protection adopted by the General Conference (NLB 40, p. 30).
- 1989 IAEA emergency response system formally in operation (NLB 43, p. 89).
- 1990-1992 International severity scale for nuclear accidents and incidents (INES) (NLB 45, p. 75; NLB 49, p. 66). Member States invited to adopt scale in 1992 (NLB 49, p. 66).
- 1993 Forum for strengthening radiation protection and nuclear safety infrastructures in countries of the former USSR (NLB 52, p. 73).
- 1994 Nuclear Safety Convention (CNS) (NLB 50, p. 76; NLB 53, p. 102).
- 2005 Third Review Meeting of the CNS (NLB 75, p. 138).
- 2006 Resolutions Adopted by the IAEA General Conference (NLB 78, p. 60).
- 2011 Fifth Review meeting of the CNS (NLB 87, p. 104).
- 2011 Ministerial conference on nuclear safety (NLB 87, p. 108).

- 2011 IAEA Action Plan on Nuclear Safety (NLB 88, p. 101).
- 2012 Extraordinary meeting regarding CNS (NLB 90, p. 137).
- 2012 Sixth meeting of representatives of the competent authorities under the Convention on Early Notification of a Nuclear Accident and the Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (NLB 90, p. 138).
- 2012 Meeting of Working Group on Effectiveness and Transparency (NLB 91, p. 133)
- 2013 CNS Officers' Turnover meeting (NLB 91, p. 133).
- 2013 Meeting of the Working Group of Experienced Officers of the CNS and the Joint Convention (NLB 91, p. 133).
- 2013 IAEA Action Plan on Nuclear Safety report by Director General to the IAEA policy making organs (NLB 92, p. 120).
- 2013 Convention on Nuclear Safety third meeting of the Working Group on Effectiveness and Transparency (NLB 92, p. 120).
- 2014 Sixth Review Meeting of the Contracting Parties to the Convention on Nuclear Safety (NLB 93, p. 118).
- 2014 Consultation meeting related to the Swiss proposal to amend Article 18 of the CNS (NLB 94, p. 137).
- 2015 Diplomatic Conference of the Convention on Nuclear Safety (NLB 95, p. 88).
- 2015 Organizational Meeting to prepare for the Seventh Review Meeting of the contracting parties to the Convention on Nuclear Safety (NLB 96, p. 98).
- 2016 Turnover Meeting of the officers of the Convention on Nuclear Safety Sixth and Seventh Review Meeting (NLB 97, p. 98).
- 2016 Topical meeting on the challenges and responsibilities relating to the multinational radioactive waste disposal facilities (NLB 97, p. 98).
- 2016 Eighth Meeting of the Representatives of the Competent Authorities identified under the Early Notification and the Assistance Conventions (NLB 97, p. 98).
- 2016 Open-Ended Meeting of Technical and Legal Experts for Sharing Information on States' Implementation of the Code of Conduct on the Safety and Security of Radioactive Sources and its Supplementary Guidance on the Import and Export of Radioactive Sources (NLB 97, p. 98).
- 2017 Seventh Review Meeting of the contracting parties to the CNS (NLB 99, p. 97).
- 2017 Fourth International Meeting on Application of the Code of Conduct on the Safety of Research Reactors (NLB 99, p. 99).
- 2018 Organizational Meeting for the Eighth Review Meeting of Contracting Parties to the Convention on Nuclear Safety (NLB 102, p. 110).

- 2019 Officers' Turnover Meeting (NLB 102, p. 110).
- 2019 Convention on Nuclear Safety: Officers' Meeting (NLB 103, p. 67).
- 2020 Meeting of Officers for the Eighth Review Meeting of Contracting Parties to the Convention on Nuclear Safety (CNS) (NLB 104, p. 32).
- 2020 Postponement of the Eighth Review Meeting of the Convention on Nuclear Safety (NLB 105, p. 101).
- 2020 Meeting of the Representatives of Competent Authorities identified under the Early Notification Convention and the Assistance Convention (NLB 105, p. 102).
- 2021 Meeting of Officers for the Eighth Review Meeting of Contracting Parties to the Convention on Nuclear Safety (CNS) (NLB 106, p. 42).
- 2021 Virtual Educational Workshop on the CNS (NLB 107, p. 73).
- 2021 Open-ended Meeting of Legal and Technical Experts on Implementation of the Guidance on the Management of Disused Radioactive Sources (NLB 107, p. 73).
- 2021 General Conference Resolution GC(65)/RES/8 (NLB 107, p. 74).
- 2022 Officers' Meeting of the Joint Eighth and Ninth Review Meeting of Contracting Parties to the CNS (NLB 108/109, p. 128).
- 2022 Workshop for Signatory States and new Contracting Parties to the CNS (NLB 108/109, p. 128).
- 2022 Workshop for Representatives of Permanent Missions to the IAEA to provide assistance and educational information on the CNS (NLB 108/109, p. 128).
- 2022 Seventh Review Meeting of the Contracting Parties to the Joint Convention (NLB 108/109, p. 128).
- 2022 Workshop to promote adherence to the Joint Convention (NLB 108/109, p. 128).
- 2022 Eleventh Meeting of the Representatives of Competent Authorities identified under Early Notification and Assistance Conventions (NLB 108/109, p. 128).
- 2022 Technical meeting on the Code of Conduct on the Safety and Security of Radioactive Sources and its supplementary Guidance (NLB 108/109, p. 129).
- 2022 General Conference Resolution GC(66)/RES/5 (NLB 108/109, p. 130).
- 2022 Second meeting of the working group established at the Organizational Meeting of the Joint Eighth and Ninth Review Meeting of the CNS (NLB 110, p. 82).
- 2023 Officers' Meeting for the Joint Eighth and Ninth Review Meeting of the CNS (NLB 110, p. 82).

- 2023 Joint Eighth and Ninth Review Meeting of the CNS (NLB 110, p. 82).
- 2023 Open-ended Meeting of Technical and Legal Experts for Sharing Information of States' Implementation of the Code of Conduct on the Safety and Security of Radioactive Sources (NLB 110, p. 82).
- 2023 Resolution on Nuclear and Radiation Safety GC(67)/RES/7 (NLB 111, p. 97).
- 2024 Second Meeting of the Working Group on Effectiveness and Efficiency of the CNS (NLB 112, p. 153).
- 2024 Organisational meeting for the Tenth Review Meeting of the CNS (NLB 112, p. 153; NLB 113, p. 87).
- 2024 Third Extraordinary Meeting of the Contracting Parties to the CNS (NLB 113, p. 87).
- 2024 12<sup>th</sup> Meeting of the Representatives of Competent Authorities identified under Early Notification and Assistance Conventions (NLB 113, p. 87).
- 2024 Open-Ended Meeting of Legal and Technical Experts on a Non-Binding Instrument on the Facilitation of Safe and Secure Transport of Radioactive Material (NLB 113, p. 87).
- 2024 Workshop for the incoming and outgoing Officers of the Joint Convention (NLB 113, p. 87).
- 2024 Virtual Educational Workshop on the CNS (NLB 113, p. 87).
- 2024 General Conference Resolution GC(68)/RES/8 (NLB 113, p. 90).
- 2025 Meeting of Technical and Legal Experts on States' Implementation of the Guidance on the Management of Disused Radioactive Sources (NLB 114, p. 93).
- 2025 CNS Officers' Turnover Meeting and two-day Officers' Training in preparation for the 10th Review Meeting of the CNS (NLB 114, p. 93).
- 2025 Fourth Meeting of the Denial of Shipment (DoS) Working Group (NLB 114, p. 93).
- 2025 Eighth Review Meeting of the Contracting Parties to the Joint Convention (NLB 114, p. 94).
- 2025 Educational workshops on the CNS for the new CNS Contracting Parties (NLB 114, p. 94).

**Nuclear security**

- 2002 Adoption of Action Plan against Nuclear Terrorism (NLB 69, p. 95).
- 2007 Convention for the Suppression of Acts of Nuclear Terrorism (NLB 80, p. 113).
- 2013 International Conference on Nuclear Security: Enhancing Global Efforts (NLB 92, p. 122).

- 2016 International IAEA Conference on Nuclear Security: Commitments and Actions (NLB 99, p. 99).
- 2017 Technical Meeting of the Representatives of States Parties to the Convention on the Physical Protection of Nuclear Material (CPPNM) and the CPPNM Amendment (NLB 100, p. 113).
- 2017 International Conference on the Physical Protection of Nuclear Material and Nuclear Facilities (NLB 100, p. 113).
- 2018 Meetings related to the Convention on the Physical Protection of Nuclear Material and its Amendment (NLB 102, p. 110).
- 2018 International Conference on the Security of Radioactive Material (NLB 102, p. 111).
- 2019 Meeting of Legal and Technical Experts in Preparation for the 2021 Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material (CPPNM) (NLB 103, p. 68).
- 2019 Second Meeting of Legal and Technical Experts in Preparation for the 2021 Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material (CPPNM) (NLB 104, p. 32).
- 2019 Technical Meeting of the Representatives of States Parties to the Convention on the Physical Protection of Nuclear Material (CPPNM) and the CPPNM Amendment (NLB 104, p. 33).
- 2020 Third International Conference on Nuclear Security: Sustaining and Strengthening Efforts (ICONS 2020) (NLB 104, p. 33).
- 2020 Webinar on the Convention on the Physical Protection of Nuclear Material and its Amendment (NLB 105, p. 102).
- 2021 Preparatory Committee (PrepCom) for the Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material (CPPNM) (NLB 106, p. 43).
- 2021 Technical Meeting of the Representatives of States Parties to the CPPNM and the CPPNM Amendment (NLB 106, p. 43).
- 2021 E-learning course on the International Legal Framework for Nuclear Security (NLB 106, p. 43).
- 2021 Webinars to promote adherence to and full implementation of the Convention on the Physical Protection of Nuclear Material (CPPNM) and its Amendment (NLB 107, p. 73).
- 2021 IAEA General Conference Side Events on Preparations for the 2022 Conference of the Parties to the Amendment to the CPPNM and on Strengthening Global Nuclear Security (NLB 107, p. 74).
- 2021 General Conference Resolution GC(65)/RES/9 (NLB 107, p. 76).
- 2022 Outreach workshops on the CPPNM and its Amendment (NLB 108/109, p. 129).

- 2022 General Conference Resolution GC(66)/RES/7 (NLB 108/109, p. 131).
- 2023 Outreach workshops on the CPPNM and its Amendment (NLB 110, p. 82).
- 2023 Outreach on the CPPNM and its Amendment (NLB 111, p. 95).
- 2023 Resolution on Nuclear Security GC(67)/RES/8 (NLB 111, p. 98).
- 2023 Technical meeting of CPPNM and ACPPNM (NLB 112, p. 153).
- 2024 Fourth International Conference on Nuclear Security (NLB 112, p. 154).
- 2024 Regional workshops for Asia and Latin America on the CPPNM and its Amendment (NLB 113, p. 88).
- 2024 Annual technical meeting of CPPNM and its Amendment's points of contact (NLB 113, p. 88).
- 2024 General Conference Resolution GC(68)/RES/9 (NLB 113, p. 91).
- 2025 Regional workshop for states in Latin America and the Caribbean (NLB 114, p. 94).
- 2025 Regional workshop for states in Africa (NLB 114, p. 94).

#### **Nuclear trade (including non-proliferation)**

- Safeguards Agreements in the context of the Non-Proliferation Treaty (NLB 6, p. 31; NLB 7, p. 31; NLB 8, p. 31; NLB 9, p. 30; NLB 10, p. 24; NLB 11, p. 26; NLB 12, p. 21; NLB 13, p. 28; NLB 14, p. 35; NLB 16, p. 32; NLB 17, p. 25; NLB 19, p. 30; NLB 20, p. 26; NLB 21, p. 51; NLB 23, p. 47; NLB 25, p. 35; NLB 26, p. 38; NLB 27, p. 27; NLB 28, p. 44; NLB 33, p. 36; NLB 35, p. 55; NLB 39, p. 36). 1982 Status of Agreements (NLB 29, p. 39; NLB 32, p. 29).
- Safeguards Transfer Agreements with the IAEA (NLB 2, p. 31; NLB 3, p. 29; NLB 4, p. 21; NLB 5, p. 19; NLB 20, p. 33; NLB 28, p. 44; NLB 30, p. 40). 1982 Status of Agreements (NLB 29, p. 39).
- 1977 Communications from certain Member States on Guidelines for the Export of Nuclear Material, Equipment or Technology (NLB 21, p. 46). 1985 Communication from European Community States on the 1984 Common Policy Declaration concerning the Guidelines (NLB 35, p. 50). Declaration adopted by Portugal in 1986 (NLB 38, p. 49).
- 1979 Revised Guiding Principles for Technical Assistance (NLB 23, p. 49).
- 1984-1985 Notification to the IAEA of exports and imports of nuclear material (NLB 33, p. 28; NLB 35, p. 50).
- 1987 Resolutions on the Application of Safeguards adopted by the General Conference (NLB 40, p. 30).
- 1991 Resolution of the General Conference on Non-compliance of Iraq with IAEA Safeguards (NLB 48, p. 57).
- 1992 Strengthening of safeguards regime (NLB 49, p. 67).

- 1993 Board of Governors reviews in application of safeguards in the Democratic People's Republic of Korea (NLB 51, p. 80). 1993 General Conference Resolution (NLB 52, p. 72).
- 1995 Measures against illicit trafficking in nuclear materials (NLB 55, p. 48).
- 1996 "Programme 93+2"– Strengthening the effectiveness and improving the efficiency of the safeguards system (NLB 58, p. 118).
- 2008 Guidance on the Import and Export of Radioactive Sources supplementary to the Code of Conduct on the Safety and Security of Radioactive Sources (NLB 82, p. 193).

### **Organisation and structure**

- 1969 Amendment of Article VI of the Statute of the Agency (Composition of the Board of Governors) (NLB 3, p. 28). Subsequent amendments (NLB 4, p. 20; NLB 5, p. 18; NLB 6, p. 32; NLB 8, p. 30; NLB 10, p. 23; NLB 11, p. 26; NLB 12, p. 21; NLB 14, p. 34).
- Ad hoc advisory group on nuclear explosions for peaceful purposes (NLB 7, p. 33; NLB 14, p. 36; NLB 16, p. 35; NLB 17, p. 24; NLB 19, p. 31; NLB 20, p. 27).
- IAEA General Conferences: NLB 8, p. 30; NLB 10, p. 23; NLB 12, p. 21; NLB 14, p. 34; NLB 16, p. 32; NLB 19, p. 29; NLB 40, p. 30; NLB 48, p. 57; NLB 54, p. 63; NLB 56, p. 63; NLB 58, p. 122; NLB 60, p. 95; NLB 62, p. 76; NLB 64, p. 63; NLB 66, p. 55; NLB 68, p. 74; NLB 70, p. 59; NLB 72, p. 61; NLB 74, p. 71; NLB 76, p. 95; NLB 78, p. 60; NLB 80, p. 115; NLB 82, p. 194; NLB 84, p. 189; NLB 86, p. 89; NLB 88, p. 102; NLB 92, p. 123; NLB 94, p. 137; NLB 96, p. 98; NLB 98, p. 88; NLB 100, p. 109; NLB 101, p. 98; NLB 103, p. 68; NLB 105, p. 103; NLB 107, p. 74; NLB 108/109, p. 129; NLB 111, p. 96; NLB 113, p. 89.
- 2006 IAEA 50<sup>th</sup> General Conference – Special Event – New Framework for the Utilisation of Nuclear Energy: Assurances of Supply and Non-proliferation (NLB 78, p. 63).
- Nuclear Law Institute (NLI): NLB 88, p. 104; NLB 92, p. 121; NLB 94, p. 141; NLB 96, p. 102; NLB 98, p. 91; NLB 100, p. 114; NLB 101, p. 100; NLB 103, p. 71; NLB 108/109, p. 131; NLB 111, p. 96.
- IAEA Treaty Events: NLB 90, p. 138; NLB 92, p. 121; NLB 94, p. 140; NLB 96, p. 102; NLB 98, p. 91; NLB 100, p. 111; NLB 101, p. 100; NLB 103, p. 70; NLB 105, p. 105; NLB 107, p. 76; NLB 108/109, p. 131; NLB 111, p. 99; NLB 113, p. 92.
- 2017 Sub-regional Workshops on Nuclear Law (NLB 99, p. 100).
- 2017 60<sup>th</sup> anniversary of the entry into force of the IAEA Statute (NLB 100, p. 109).
- Legislative assistance: NLB 91, p. 134; NLB 92, p. 121; NLB 93, p. 119; NLB 94, p. 141; NLB 95, p. 90; NLB 96, p. 102; NLB 98, p. 91; NLB 99, p. 100; NLB 100, p. 114; NLB 102, p. 112; NLB 103, p. 71; NLB 104, p. 33; NLB 105, p. 105; NLB 106, p. 44; NLB 107, p. 76; NLB 108/109, p. 131; NLB 110, p. 83; NLB 111, p. 96; NLB 112, p. 154; NLB 113, p. 89; NLB 114, p. 95.
- 2022 Sub-regional Workshops on Nuclear Law (NLB 110, p. 83).

- 2023 Sub-regional Workshops on Nuclear Law (NLB 110, p. 83).
- 2023 Interregional training course on nuclear law and legislative assistance (NLB 110, p. 83).
- 2023 Training on International and National Nuclear Law for Representatives of the Teaching Faculties of Academic Institutions (NLB 112, p. 154).
- 2024 Inter-regional training course on nuclear law (NLB 113, p. 89).
- 2024 Regional and sub-regional Workshops on Nuclear Law (NLB 113, p. 89).
- 2024 University of Buenos Aires launches its post-graduate course in nuclear law supported by the University Partnership Programme on Nuclear Law (NLB 113, p. 89).

***Radioactive materials (including physical protection)***

- 1975 Recommendation on the Physical Protection of Nuclear Material (NLB 16, p. 33). 1989 Update (NLB 45, p. 78).
- 1979 Physical Protection Convention (NLB 23, p. 48). 2003 Negotiations to revise the Convention (NLB 71, p. 87). 2005 Amendments (NLB 75, p. 135).
- 1983 Supply Agreements (NLB 32, p. 30).
- 2002 Implementation of the Revised Action Plan (RAP) for the Safety and Security of Radiation Sources (NLB 70, p. 61).
- 2007 Code of Conduct on the Safety and Security of Radioactive Sources and its Supplementary Guidance (NLB 80, p. 115).
- 2010 Open-ended Meeting of Technical and Legal Experts for Sharing of Information on States' Implementation of the Code of Conduct on the Safety and Security of Radioactive Sources and its Supplementary Guidance on the Import and Export of Radioactive Sources (NLB 85, p. 148).
- 2011 Open-ended meeting of technical and legal experts on the Code of Conduct on the Safety and Security of Radioactive Sources (NLB 87, p. 107).
- 2016 Amendment to the Convention on the Physical Protection of Nuclear Material (NLB 97, p. 99).
- 2016 Second Technical Meeting of the representatives of states parties to the CPPNM and the CPPNM Amendment (NLB 99, p. 99).
- 2017 Guidance on the Management of Disused Radioactive Sources (NLB 100, p. 112).
- 2017 Open-ended Meeting of Legal and Technical Experts on the Implementation of the Code of Conduct on the Safety and Security of Radioactive Sources (NLB 100, p. 112).
- 2018 Guidance on the Management of Disused Radioactive Sources (NLB 101, p. 96).

- 2018 Open-ended Meeting of Legal and Technical Experts on the Implementation of the Guidance on the Import and Export of Radioactive Sources (NLB 101, p. 97).

### **Radioactive waste management**

- 1995 Safety Fundamentals and Safety Standards of Radioactive Waste Management (NLB 56, p. 95).
- 2006 Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management – Second Review Meeting (NLB 78, p. 59).
- 2009 Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management – Third Review Meeting (NLB 83, p. 138).
- 2012 Fourth Review Meeting of the Contracting Parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 90, p. 137).
- 2013 First Inter-Sessional Meeting of the contracting parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (Joint Convention) (NLB 91, p. 133).
- 2013 Contracting Parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management Topical Meeting on Comprehensive Approaches to Managing the Back End of the Nuclear Fuel Cycle (NLB 92, p. 121).
- 2014 Second Extraordinary Meeting of the Contracting Parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 93, p. 118).
- 2015 Fifth Review Meeting of the Contracting Parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 95, p. 88).
- 2017 Third Extraordinary Meeting of the contracting parties to the Joint Convention (NLB 99, p. 98).
- 2017 Organisational Meeting for the Sixth Review Meeting of the contracting parties to the Joint Convention (NLB 99, p. 98).
- 2017 Side event to mark the 20<sup>th</sup> anniversary of the adoption of the Joint Convention (NLB 100, p. 111).
- 2018 Sixth Review Meeting of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 101, p. 96).
- 2019 Second meeting of the working group of the contracting parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (Joint Convention) (NLB 104, p. 32).

- 2020 Organisational Meeting of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 105, p. 102).
- 2023 Workshop to Promote the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management and the Convention on Nuclear Safety (NLB 112, p. 153).
- 2024 Fifth Extraordinary Meeting of the Contracting Parties to the Joint Convention (NLB 112, p. 153).
- 2024 Organizational Meeting for the Eighth Review Meeting of the Contracting Parties to the Joint Convention (NLB 112, p. 153).

#### **Transport of radioactive materials**

- 1961 Regulations for the Safe Transport of Radioactive Materials. Successive Revisions (NLB 5, p. 19; NLB 9, p. 30; NLB 10, p. 24; NLB 34, p. 38; NLB 58, p. 120).
- 1990 Code of Practice on the International Transboundary Movement of Radioactive Waste (NLB 46, p. 79).

#### **Agreements**

- 1959 Agreement for Co-operation with the United States. 1974 and 1980 Amendments (NLB 24, p. 31; NLB 26, p. 34).
- 1972 Regional Co-operative Agreement with Member States in Asia and the Pacific. 1977 Extension (NLB 21, p. 52). Replaced by 1987 Regional Co-operative Agreement for Research, Development and Training related to Nuclear Science and Technology (RCA) (NLB 41, p. 47).
- 1975 Co-operation Agreement with the Council for Mutual Economic Assistance (NLB 16, p. 33).
- 1975 Co-operation Agreement with Euratom on the Peaceful Uses of Nuclear Energy (NLB 16, p. 33; NLB 17, p. 29).
- 1975 Monaco Laboratory Agreement with the Government of the Principality of Monaco and the Oceanographic Institute of Monaco. 1980 Extension (NLB 26, p. 38; NLB 28, p. 44). New 1986 Agreement (NLB 37, p. 46).
- 1976-1977 Entry into force of the Euratom-IAEA Agreement and of the Commission's implementing regulations in (NLB 19, p. 27).
- 1980 Agreement establishing the Asian Regional Project on Food Irradiation (NLB 26, p. 37).
- 1982 Agreement with Austria concerning the Laboratories at Seibersdorf (NLB 29, p. 37).
- 1983 Amendment to the Agreement with Italy concerning the Seat of the International Centre for Theoretical Physics in Trieste (NLB 37, p. 45).
- 1990 Regional Co-operation Agreement with African Member States related to Nuclear Science and Technology (NLB 45, p. 86).

- 1990 Agreement with the USSR on International Research on the Consequences of the Accident at the Chernobyl Nuclear Power Plant (NLB 46, p. 88).
- 1990 information note on the economic and social consequences of the accident at the Chernobyl nuclear power plant (NLB 46, p. 92).
- 2008 Agreement for co-operation with ITER for research and development/exchange of scientific and technical information (NLB 82, p. 201).
- 2008 Agreement between the Government of India and the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).
- 2010 Practical arrangement between the IAEA and the European Commission's Joint Research Centre on co-operation in assistance, planning, research and development (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation to establish an international nuclear fuel bank (NLB 85, p. 152).
- 2010 Agreement with the European Union to implement "integrated safeguards" in all EU non-nuclear-weapon states with "significant" nuclear activities (NLB 85, p. 152).
- 2010 Agreement with China on practical co-operation on nuclear security (NLB 86, p. 94).
- 2022 Memorandum of Understanding between Euratom and the IAEA on nuclear safety co-operation (NLB 108/109, p. 127).

## **International Commission on Radiological Protection (ICRP)**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1990 Recommendation on Radiological Protection (NLB 47, p. 66).
- 2006 Revision of ICRP Recommendations (NLB 77, p.65).

## **International Energy Agency (IEA)**

### **Agreements**

- 1976 R & D Agreements in the Nuclear Field (NLB 18, p. 46).

- 1986 Implementing Agreement on Co-operation among the Three Large Tokamak Facilities (JET, J160 and TFTR) (NLB 38, p. 60).

## **International Labour Organization (ILO)**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1994-1995 Adoption of Basic Safety Standards for Radiation Protection (NLB 55, p. 50).

## **International Maritime Organization**

### **Legislative and regulatory activities**

#### ***Transport of radioactive materials***

- 1999 Declaration of Mandatory Nature of the International Code for the Safe Carriage of Packaged Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Wastes on Board Ships (NLB 69, p. 97).

## **International Tribunal for the Law of the Sea**

### **Case law**

- 2001 *Ireland v. United Kingdom*: Judgment concerning Ireland application to prevent operation of BNFL's MOX facility at Sellafield (NLB 69, p. 60).

## **Nuclear Energy Agency (NEA)**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 2014 China Atomic Energy Authority co-operation workshop (NLB 93, p. 121).
- 2014 The Characteristics of an Effective Nuclear Regulator (NLB 94, p. 142).

#### ***Liability and compensation***

- Interpretation and application of certain provisions of the Paris Convention (NLB 1, p. 30; NLB 2, p. 34; NLB 3, p. 31; NLB 7, p. 33).
- 1968 Monaco Symposium on Third Party Liability and Insurance in the Field of Maritime Carriage of Nuclear Substances. Report of the Restricted Committee (NLB 2, p. 35; NLB 4, p. 23; NLB 5, p. 20).
- 1972 Stockholm Symposium on the Maritime Carriage of Nuclear Substances (NLB 6, p. 34; NLB 8, p. 33; NLB 9, p. 31; NLB 10, p. 25).
- 1977 Decisions of the OECD Steering Committee for Nuclear Energy on the Exclusion of Certain Kinds or Quantities of Nuclear Substances from the Scope of the Paris Convention (NLB 21, p. 41).
- 1984 OECD Steering Committee Decision on the Application of the Paris Convention to Installations for the Disposal of Nuclear Substances (NLB 33, p. 25).
- 1984 Munich Symposium on Nuclear Third Party Liability and Insurance – Status and Prospects (NLB 33, p. 27; NLB 34, p. 34).
- 1990 OECD Steering Committee Decision allowing countries the option of removing nuclear installations being decommissioned from the coverage of the Paris Convention (NLB 45, p. 74).
- 1990 Recommendation to increase the amount of liability of nuclear operators (NLB 45, 75).
- 1990 Recommendation on a Single Court to Rule on Compensation for Nuclear Damage (NLB 46, p. 77).
- 1992 Helsinki Symposium on Nuclear Accidents – Liabilities and Guarantees (NLB 50, p. 74).
- 1994 Meeting on liability issues raised by assistance to Eastern Europe (NLB 54, p. 61).
- 1994 Bratislava Training Seminar on Nuclear Law (NLB 54, p. 62).
- 1995 Liblice Training Seminar on the Regulation of Nuclear Safety (NLB 56, p. 93).
- 1997 Seminar on Nuclear Liability and Insurance Issues in Russia (NLB 59, p. 63).

- 2000-2001 INEX Workshop on the Indemnification of Damage in the Event of a Nuclear Accident (NLB 68, p. 73).
- 2004 Signature of the Protocols to amend the Paris and Brussels Conventions (NLB 73, p. 108). The Unofficial Consolidated Texts of the Paris and Brussels Supplementary Conventions as amended are reproduced in the **Supplement to NLB 75**.
- 2007 Decision on the Exclusion of Small Quantities of Nuclear Substances from the Application of the Paris Convention (2007) (NLB 80, p. 119).
- 2012 NEA free report on Japan's compensation system for nuclear damage (NLB 89, p. 145).
- 2014 Steering Committee approves Decision and Recommendation Concerning the Application of the Paris Convention to Nuclear Installations in the Process of Being Decommissioned (NLB 94, p. 141). The text of the Decision and Recommendation is reproduced in **NLB 94, p. 159**.
- 2014 OECD Council approves judges to the European Nuclear Energy Tribunal (NLB 94, p. 141).
- 2015 European Nuclear Energy Tribunal (ENET) Inaugural Session for the 9<sup>th</sup> mandate (NLB 96, p. 103).
- 2016 Steering Committee decisions regarding the Paris Convention on Third Party Liability in the Field of Nuclear Energy (NLB 99, p. 101).
- 2017 Third International Workshop on the Indemnification of Damage in the Event of a Nuclear Accident (NLB 100, p. 115).
- 2019 Fourth International Workshop on the Indemnification of Damage in the Event of a Nuclear Accident (NLB 103, p. 71).
- 2020 10<sup>th</sup> mandate of the European Nuclear Energy Tribunal (ENET) (NLB 104, p. 34).
- 2022 Entry into force of the 2004 Protocols to amend the Paris and Brussels Supplementary Conventions (NLB 107, p. 77).
- 2023 Report on *Deep Geological Repositories and Nuclear Liability* (NLB 110, p. 86).
- 2024 *Workshop Proceedings of the Third International Workshop on the Indemnification of Damage in the Event of a Nuclear Accident* (NLB 112, p. 156).
- 2024 *TEPCO Fukushima Daiichi NPS Accident: 10-Year Reflection, Now and the Way Forward* (NLB 113, p. 94).
- 2025 *Fourth International Workshop on the Indemnification of Damage in the Event of a Nuclear Accident: Workshop Proceedings, Lisbon, Portugal, 8-10 October 2019* (NLB 114, p. 98).

#### **Licensing and regulatory infrastructure**

- 1980 Statement on the Licensing Aspects of Nuclear Power Plant Siting (NLB 26, p. 30).

- 2020 Multi-Sector Workshop on Innovative Regulation: Challenges and benefits of harmonising the licensing process for emerging technologies (NLB 108/109, p. 137).
- 2022 Publication of Harmonising the Nuclear Licensing Process for Emerging Technologies: A Global Path Forward (NLB 108/109, p. 137).
- 2024 *Mutual Impact of Nuclear Regulatory Bodies and License Holders from a Safety Culture Perspective* (NLB 112, p. 156).
- 2024 *Characteristics of a Trusted Nuclear Regulator* (NLB 112, p. 156).
- 2025 *Characteristics of a Trusted Nuclear Regulator* (NLB 114, p. 98).
- 2025 *Third NEA Stakeholder Involvement Workshop on Optimisation in Decision Making: Summary Report* (NLB 114, p. 98).
- 2025 Legal Frameworks for Nuclear Activities from Japan, the Slovak Republic, Slovenia, Switzerland and Türkiye (NLB 114, p. 98).

#### **Nuclear installations**

- 1982 Statement by OECD Steering Committee for Nuclear Energy on Nuclear Energy Prospects (NLB 29, p. 33).
- 2022 Publication of The Role of Nuclear Power in the Hydrogen Economy: Cost and Competitiveness (NLB 108/109, p. 137).
- 2023 *The NEA Small Modular Dashboard* (NLB 110, p. 86).
- 2023 *The NEA Small Modular Reactor Dashboard: Volume II* (NLB 111, p. 102).
- 2024 *The NEA Small Modular Reactor Dashboard: Volume II* (NLB 112, p. 156).
- 2024 *SMRs for Mining: Opportunities and Challenges for Small Modular Reactors* (NLB 113, p. 94).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1968, 1981 and 1991 Revisions of the Basic Norms for Protection against Radiation, approved by the OECD Council (NLB 2, p. 33; NLB 28, p. 36; NLB 48, p. 59). 1994-1995 Adoption of new standards for radiation protection (NLB 53, p. 100; NLB 55, p. 60).
- 1969 Guide to the Safe Design, Construction and Use of Radioisotopic Power Generators for Certain Land and Sea Applications, elaborated by NEA and IAEA (NLB 4, p. 24).
- 1973 Radiation Protection Standards for Gaseous Tritium Light Devices, approved by OECD Council (NLB 12, p. 20).
- 1974 Interim Radiation Protection Standards for the Design, Construction, Testing and Control of Radioisotopic Cardiac Pacemakers, approved by the Steering Committee (NLB 13, p. 27).
- 1977 Recommendations for Ionisation Chamber Smoke Detectors in implementation of Radiation Protection Standards (NLB 21, p. 45).

- 1982 Statements on the interpretation and application of the ICRP Recommendations (NLB 30, p. 31). Interpretation and application of the Recommendations in 1983 (NLB 32, p. 22).
- 1983 OECD Council Recommendation on the Operation of a Nuclear Power Plant Incident Reporting System (NLB 31, p. 25).
- 1985 Guide for Controlling Consumer Products containing Radioactive Substances (NLB 35, p. 49).
- 1986 Report from the Steering Committee for Nuclear Energy to the Council on the Role of the NEA after the Chernobyl Accident (NLB 37, p. 36; NLB 38, p. 44).
- 1987 Report on the Radiological Impact of the Chernobyl Accident in OECD Countries (NLB 40, p. 30).
- 1990 International severity scale for nuclear accidents and incidents (INES) (NLB 45, p. 75). Member States invited to adopt scale in 1992 (NLB 49, p. 66).
- 1994 Collective expert opinion on radiation protection (NLB 54, p. 62).
- 1996 Collective opinion on the safety of nuclear installations (NLB 59, p. 63).
- 2011 NEA Steering Committee approves the new “Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards” (NLB 88, p. 105).
- 2012 NEA International Workshop on Crisis Communication (NLB 90, p. 141).
- 2013 Progress review of Benchmark Study of the Accident at the Fukushima Daiichi Nuclear Power Station (NLB 92, p. 127).
- 2013 New report – *The Fukushima Daiichi Nuclear Power Plant Accident: OECD/NEA Nuclear Safety Response and Lessons Learnt* (NLB 92, p. 127).
- 2013 NEA workshop on nuclear regulatory approaches (NLB 92, p. 128).
- 2013 International experts in Japan to review safety after Fukushima Daiichi (NLB 93, p. 120).
- 2015 Technology Roadmap: Nuclear Energy (NLB 95, p. 90).
- 2015 Steering Committee Policy Debate: Health Effects of Low-dose Radiation (NLB 95, p. 91).
- 2016 New report – *Five Years after the Fukushima Daiichi Accident: Nuclear Safety Improvements and Lessons Learnt* (NLB 97, p. 100).
- NEA International Radiological Protection School (IRPS): NLB 101, p. 102; NLB 102, p. 116; NLB 103, p. 74; NLB 108/109, p. 135.
- 2020 The role of nuclear energy during COVID-19 and beyond (NLB 105, p. 106).
- 2024 *Practices for Enhancing Leadership for Safety in Regulatory Bodies* (NLB 112, p. 156).
-

### **Nuclear-powered ships**

- Model for bilateral agreements for visits of nuclear ships (NLB 7, p. 33; NLB 8, p. 12; NLB 9, p. 32; NLB 10, p. 26).

### **Organisation and structure**

- Meetings of the Nuclear Law Committee (NLC): NLB 97, p. 101; NLB 98, p. 93; NLB 99, p. 102; NLB 100, p. 115; NLB 101, p. 100; NLB 103, p. 72; NLB 106, p. 45; NLB 108/109, p. 133; NLB 110, p. 84; NLB 112, p. 155; NLB 114, p. 96.
- Meetings of the Contracting Parties to the Paris Convention (CPPC): NLB 61, p. 93; NLB 103, p. 73; NLB 104, p. 34; NLB 108/109, p. 134; NLB 110, p. 84; NLB 112, p. 155; NLB 113, p. 93; NLB 114, p. 97.
- Meetings of the Working Party on Nuclear Liability and Radioactive Waste Disposal Facilities (WPLDF), formerly the Working Party on Deep Geological Repositories and Nuclear Liability (WPDGR): NLB 98, p. 93; NLB 101, p. 101; NLB 113, p. 93.
- Meetings of the Working Party on the Legal Aspects of Nuclear Safety (WPLANS): NLB 98, p. 93; NLB 101, p. 101; NLB 106, p. 45; NLB 108/109, p. 133; NLB 111, p. 99; NLB 113, p. 92; NLB 114, p. 96.
- Meetings of the Working Party on Nuclear Liability and Transport (WPNLT): NLB 98, p. 93; NLB 101, p. 101; NLB 103, p. 73; NLB 106, p. 45; NLB 107, p. 78; NLB 108/109, p. 134; NLB 110, p. 84; NLB 112, p. 155; NLB 114, p. 96.
- International School of Nuclear Law (ISNL): NLB 82, p. 233; NLB 84, p. 210; NLB 85, p. 153; NLB 88, p. 105; NLB 90, p. 142; NLB 96, p. 103; NLB 98, p. 94; NLB 100, p. 116; NLB 101, p. 101; NLB 103, p. 73; NLB 104, p. 35; NLB 105, p. 106; NLB 107, p. 77; NLB 108/109, p. 135; NLB 111, p. 100; NLB 113, p. 94.
- International Nuclear Law Essentials (INLE): NLB 86, p. 110; NLB 87, p. 110; NLB 88, p. 105; NLB 90, p. 142; NLB 96, p. 104; NLB 97, p. 101; NLB 98, p. 94; NLB 99, p. 103; NLB 100, p. 116; NLB 102, p. 113; NLB 103, p. 75; NLB 104, p. 35; NLB 110, p. 84; NLB 111, p. 103; NLB 112, p. 156; NLB 114, p. 97.
- Fundamentals of International Nuclear Law (FINL): NLB 107, p. 81; NLB 108/109, p. 135.
- 1972 Japan joins ENEA (NLB 10, p. 25).
- 1973 Second term of office for the European Nuclear Energy Tribunal (NLB 11, p. 29; NLB 12, p. 19). Successive appointments of the Judges of the European Nuclear Energy Tribunal (NLB 22, p. 33; NLB 33, p. 27; NLB 46, p. 78; NLB 56, p. 93). Its Inaugural Meeting (NLB 35, p. 49).
- 1973 Australia joins the NEA (NLB 12, p. 19).
- 1975 Canada joins the NEA (NLB 16, p. 31).
- 1976 Finland joins the NEA (NLB 17, p. 22).
- 1976 The United States joins NEA (NLB 18, p. 41).
- 1978 Revision of the Agency's Statute (NLB 21, p. 40).

- 1993 The Republic of Korea joins the NEA (NLB 51, p. 79).
- 1993 Leiden Training Seminar on Nuclear Law (NLB 52, p. 71).
- 1994 Mexico joins the NEA (NLB 53, p. 100).
- 1996 The Czech Republic and Hungary join the NEA (NLB 58, p. 117).
- 1998 40<sup>th</sup> Anniversary of the NEA (NLB 62, p. 75).
- 2007 50<sup>th</sup> Anniversary of the Nuclear Law Committee (NLB 79, p. 79).
- 2010 Poland joins the NEA (NLB 86, p. 111).
- 2011 G8-G20 extended meeting on nuclear energy (NLB 87, p. 109).
- 2011 Slovenia joins the NEA (NLB 87, p. 111; NLB 88, p. 105).
- 2011 Russian Federation requests NEA membership (NLB 88, p. 105).
- 2012 Russian Federation to become member of the OECD/NEA (NLB 90, p. 139).
- 2012 Participation by the regulatory authorities of India and the United Arab Emirates in the Multinational Design Evaluation Programme (MDEP) (NLB 90, p. 140).
- 2013 Russian Federation joins the OECD/NEA (NLB 91, p. 135).
- 2014 Appointment of new Director-General (NLB 93, p. 120).
- 2015 NEA to become the Technical Secretariat to the International Framework for Nuclear Energy Cooperation (IFNEC) (NLB 96, p. 103).
- 2016 New member of the Generation IV International Forum (NLB 98, p. 92).
- 2016 New signatories to the extension of the GIF Framework Agreement (NLB 98, p. 92).
- 2016 International Framework for Nuclear Energy Cooperation (IFNEC) “Latin American Nuclear Energy Stakeholders Conference” (NLB 98, p. 92).
- 2016 10th national workshop of the NEA Forum on Stakeholder Confidence (FSC) (NLB 98, p. 93).
- 2016 Symposium on the Fukushima Nuclear Power Plant Accident and Law and Policy (NLB 98, p. 93).
- 2016 NEA Strategic Plan for 2017-2022 (NLB 99, p. 101).
- 2017 Argentina and Romania to become members of the NEA (NLB 99, p. 101).
- 2017 60<sup>th</sup> anniversary of the NEA (NLB 100, p. 114).
- 2018 Establishment of a new NEA committee to focus on decommissioning and legacy management (NLB 100, p. 114).
- 2021 Bulgaria joins the NEA (NLB 106, p. 44).

- 2021 NEA Global Forum on Nuclear Education, Science, Technology and Policy (NLB 106, p. 46).
- 2021 New NEA joint undertaking: the Framework for Irradiation Experiments (FIDES) (NLB 106, p. 46).
- 2022 New framework agreement for MDEP (NLB 108/109, p. 137).
- 2023 Recommendation of the [OECD] Council on Improving the Gender Balance in the Nuclear Sector (NLB 110, p. 85).
- 2023 NEA forms Women in Nuclear (WiN) Global Chapter (NLB 110, p. 85).
- 2023 Women in Nuclear Law Initiative (WiNLI) (NLB 110, p. 85).
- 2023 New NEA Global Forum working group on nuclear law education (NLB 110, p. 85).
- 2023 Report on *Gender Balance in the Nuclear Sector* (NLB 110, p. 86).
- 2023 146<sup>th</sup> meeting of the NEA Steering Committee for Nuclear Energy (NLB 111, p. 100).
- 2023 Third Stakeholder Involvement Workshop on Optimisation in Decision Making (NLB 111, p. 101).
- 2023 Roadmaps to New Nuclear Conference (NLB 111, p. 101).
- 2024 Roadmaps to New Nuclear Conference (NLB 113, p. 93).
- 2024 NEA Global Forum Council of Advisors meeting (NLB 113, p. 93).
- 2024 NEA Global Forum's Rising Stars Workshop (NLB 113, p. 93).
- 2025 Meeting of the NEA Global Forum Working Group on Re-Establishing Nuclear Law Education Programmes (NLB 114, p. 97).
- 2025 First general meeting of the Women in Nuclear Law Initiative (WiNLI) (NLB 114, p. 97).

#### **Radioactive materials (including physical protection)**

- 2014 High-level Group on the Security of Supply of Medical Radioisotopes Joint Declaration on the Security of Supply of Medical Radioisotopes (NLB 94, p. 142). The text of the Joint Declaration is reproduced in **NLB 94, p. 169**.
- 2015 Joint Declaration on the Security of Supply of Medical Radioisotopes (NLB 96, p. 103).

#### **Radioactive waste management**

- 1974 Guidelines for Sea Disposal Packages of Radioactive Waste (NLB 16, p. 32). 1979 Revision (NLB 23, p. 46).
- 1977 Report on the Objectives, Concepts and Strategies for the Management of Radioactive Waste Arising from Nuclear Power Programmes (NLB 20, p. 25).

- 1977 Decision of the OECD Council establishing a Multilateral Consultation and Surveillance Mechanism for Sea Dumping of Radioactive Waste (NLB 20, p. 23). Accession of Japan in 1981 (NLB 28, p. 36).
- 1980 Recommendations following a review of the suitability of the site for sea dumping of radioactive waste (NLB 25, p. 32).
- 1981 Research and environmental surveillance programme related to sea disposal of radioactive waste (NLB 28, p. 37).
- 1985 Collective expert opinion on radioactive waste management (NLB 35, p. 46).
- 1990 Collective expert opinion on the long-term safety of radioactive waste disposal (NLB 47, p. 62).
- 1995 Collective expert opinion on the environmental and ethical basis of geological disposal of radioactive waste (NLB 55, p. 47).
- 1996 Cernavoda Training Seminar on the Legal Aspects of Radioactive Waste Management and Decommissioning (NLB 58, p. 117).
- 2013 14<sup>th</sup> Regular Meeting of the Forum on Stakeholder Confidence (FSC) (NLB 92, p. 128).
- 2022 Workshop on the Management of Spent Fuel, Radioactive Waste and Decommissioning in SMRs or Advanced Reactor Technologies in Canada (NLB 108/109, p. 136).

## Agreements

- 1958 Agreement on the OECD Halden Reactor Project. Successive Extensions (NLB 4, p. 26; NLB 11, p. 37; NLB 14, p. 44; NLB 16, p. 41; NLB 22, p. 38; NLB 28, p. 46; NLB 34, p. 47). 1977 and 1979 Amending Protocols (NLB 20, p. 32; NLB 24, p. 34).
- 1959 Agreement on the High Temperature Gas-Cooled Reactor Project (Dragon). Successive Extensions (NLB 2, p. 40; NLB 4, p. 26; NLB 11, p. 37). 1976 Termination of the Project (NLB 17, p. 22).
- 1964 Agreement with Euratom on the Computer Programme Library. Extension (NLB 13, p. 33).
- 1970-1981 Agreement on an International Food Irradiation Project (NLB 6, p. 39; NLB 16, p. 41; NLB 28, p. 37).
- 1978 Convention between Belgium and the Eurochemic Company on Takeover of the Company's Installations and Execution of its Legal Obligations (NLB 22, p. 38). 1983 Second Protocol on the conditions of execution of the Convention (NLB 32, p. 28). 1986 Agreement on the Lump-sum Settlement of the Company's Financial Obligations resulting from the Convention (NLB 38, p. 53).
- 1981 Agreement on the International Stripa Project (NLB 27, p. 23). 1983 Agreement on Phase II of the International Stripa Project (NLB 31, p. 24). Spain joins the Agreement (NLB 34, p. 48).

- 1983 Agreement on the OECD International LOFT Project (NLB 31, p. 24). Accession of Spain to the Project (NLB 34, p. 47).
- 1988 Agreement on the OECD Project to Investigate the Three Mile Island-2 Reactor Pressure Vessel (NLB 43, p. 89).
- 2005 Framework Agreement for International Collaboration on Research and Development of Generation IV Nuclear Energy Systems (NLB 75, p. 139).
- 2013 Joint Declaration on Co-operation in the Field of Peaceful Uses of Nuclear Energy signed with the China Atomic Energy Authority (CAEA) (NLB 92, p. 126).
- 2015 GIF Framework Agreement extended for ten years (NLB 95, p. 90).
- 2015 New signatories to the extension of the Generation IV International Forum (GIF) Framework Agreement (NLB 96, p. 103).
- 2016 New member of the Generation IV International Forum (NLB 98, p. 92).
- 2016 New signatories to the extension of the GIF Framework Agreement (NLB 98, p. 92).
- 2017 Memorandum of Understanding with the National Energy Administration of China (C/NEA) in the Field of Peaceful Uses of Nuclear Energy (NLB 99, p. 102).
- 2017 New MOUs in nuclear safety and research (NLB 100, p. 114).
- 2018 New member of the Generation IV International Forum Framework Agreement (NLB 101, p. 100).
- 2019 Entry into force of the NEA Nuclear Education, Skills and Technology Framework (NEST) Agreement (NLB 102, p. 112).

## **Nuclear Suppliers Group (NSG)**

### **Legislative and regulatory activities**

#### ***Nuclear trade (including non-proliferation)***

- 1988-1989 Communications regarding Export Guidelines (NLB 45, p. 79).
- 1992 Statement on Full Scope Safeguards (NLB 50, p. 77).

## **Pan-American Health Organization**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1994-1995 Adoption of Basic Safety Standards for Radiation Protection (NLB 55, p. 50).

## **Permanent Court of Arbitration**

### **Case law**

- 2003 *Ireland v. United Kingdom*: OSPAR Arbitration (NLB 72, p. 41).

## **Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 2011 Civil and scientific applications of the IMS data (NLB 89, p. 146).

### **Agreements**

- 2011 Ghana and Guinea deposited their instruments (The Comprehensive Nuclear-Test-Ban Treaty) (NLB 89, p. 145).
- 2011 Biennial Conference on facilitating the entry into force of the Comprehensive Nuclear-Test-Ban Treaty (CTBT) (NLB 89, p. 145).
- 2012 Guatemala and Indonesia deposited their instruments (CTBT) (NLB 89, p. 145).
- 2012 Niue signs CTBT (NLB 89, p. 145).

## United Nations

### Legislative and regulatory activities

#### *Environmental protection*

- 2005 Entry into Force of the Kyoto Protocol (NLB 75, p. 137).

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1992 General Assembly Resolution and Principles relevant to the Use of Nuclear Power Sources in Outer Space (NLB 52, p. 75). The texts of the Resolution and Principles are reproduced in **NLB 52, p. 84**.

#### *Nuclear security*

- 2005 International Convention for the Suppression of the Acts of Nuclear Terrorism (NLB 75, p. 137). Entry into force (NLB 80, p. 113).

#### *Nuclear trade (including non-proliferation)*

- 1991 Security Council Resolution concerning a Formal Cease-fire in Iraq (NLB 47, p. 67).

### Case law

- 1995 Decision of the International Court of Justice on the French Nuclear Tests Dispute (NLB 56, p. 64). 1996 preliminary observations on the advisory opinions (NLB 58, p. 55).

## World Health Organization (WHO)

### Legislative and regulatory activities

#### *Food irradiation*

- 1992 Harmonising Food Irradiation Regulations in Asia and the Pacific Region – WHO/IAEA/ FAO (NLB 49, p. 69).

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1987 Meeting of the WHO Working Group on European harmonisation of public health actions in relation to nuclear accidents (NLB 41, p. 41).
- 1988 Resolution of the Executive Board of WHO (NLB 41, p. 41).
- 1990 Memorandum of Understanding with the USSR on an International Programme on the Health Effects of the Chernobyl Accident (NLB 46, p. 89).

- 1991 Resolution on the International Programme to Mitigate the Health Effects of the Chernobyl Accident (NLB 47, p. 65).
- 1991 Revision of Basic Safety Standards for Radiation Protection (NLB 48, p. 59). Adoption of standards in 1994-1995 (NLB 55, p. 50).

## MULTILATERAL AGREEMENTS

### Status of Treaties and Conventions

- 1959 Antarctic Treaty. Status of signatures and ratifications in 1978 and 1980 (NLB 23, p. 54; NLB 27, p. 28). 1991 Protocol (NLB 51, p. 95).
- 1960 ILO Convention No. 115 concerning the Protection of Workers against Ionising Radiations. Status of signatures and ratifications in 1973 (NLB 13, p. 31).
- 1960 Paris Convention on Nuclear Third Party Liability adoption of Amending Protocols (NLB 12, p. 20; NLB 24, p. 24; NLB 30, p. 30). Conclusion of negotiations to revise the Paris Convention (NLB 70, p. 68). 2004 Signature of the Protocol to Amend the Paris Convention (NLB 73, p. 108). An Unofficial Consolidated Text of the Paris Convention as amended on 12 February 2004 is reproduced in the **Supplement to NLB 75**.
- 1962 Brussels Convention on the Liability of Operators of Nuclear Ships status of signatures and ratifications (NLB 13, p. 32).
- 1963 Brussels Convention Supplementary to the Paris Convention on Third Party Liability in the Field of Nuclear Energy entry into force in 1974 (NLB 14, p. 38). Adoption of Amending Protocol (NLB 24, p. 24; NLB 30, p. 30) Conclusion of negotiations to revise the Brussels Convention Supplementary to the Paris Convention (NLB 70, p. 68). 2004 Signature of the Protocol to Amend the Brussels Convention Supplementary to the Paris Convention (NLB 73, p. 108). An Unofficial Consolidated Text of the Brussels Convention Supplementary to the Paris Convention as amended on 12 February 2004 is reproduced in the **Supplement to NLB 75**. Latest status of signatures and ratifications of Convention and Amending Protocol (NLB 92, p. 135).
- 1963 Vienna Convention on Civil Liability for Nuclear Damage (NLB 20, p. 33; NLB 23, p. 47; NLB 24, p. 35; NLB 26, p. 36; NLB 34, p. 49). 1997 Amending Protocol (NLB 60, p. 107). The text of the 1984 Resolution on the Convention is reproduced in **NLB 34, p. 51**.
- 1967 Tlatelolco Treaty for the Prohibition of Nuclear Weapons in Latin America and the Caribbean and its supplementary Protocols status of signatures and ratifications (NLB 54, p. 72).
- 1968 Treaty on the Non-Proliferation of Nuclear Weapons (NPT) (NLB 5, p. 20; NLB 36, p. 35). The 2005 Review Conference on the Non-Proliferation Treaty (NLB 76, p. 99).

- 1971 Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 8, p. 33; NLB 9, p. 31; NLB 10, p. 29). Entry into force in 1975 (NLB 16, p. 42). Status of signatures and ratifications in 1991 (NLB 48, p. 69).
- 1971 Treaty on the Prohibition of the Emplacement of Nuclear Weapons and other Weapons of Mass Destruction on the Sea-bed and the Ocean Floor and the Subsoil thereof (NLB 9, p. 36; NLB 10, p. 28).
- 1972 Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter (London Convention) (NLB 17, p. 29; NLB 28, p. 47). 1994 Resolution on Extension of Moratorium on Sea Dumping of Radioactive Waste (NLB 53, p. 110). 1996 Protocol. Status of signatures and ratifications of the Convention and its Protocol in 2000 (NLB 66, p. 68).
- 1974 Nordic Environmental Protection Convention (NLB 13, p. 34).
- 1974 Convention on the Prevention of Marine Pollution from Land-Based Sources (NLB 13, p. 34). Status of signatures and ratifications in 1981 (NLB 28, p. 47).
- 1974 Convention on the Protection of the Marine Environment of the Baltic Sea Area. Status of signatures and ratifications (NLB 13, p. 35). Replaced by 1992 Convention on the Protection of the Marine Environment of the Baltic Sea (NLB 50, p. 83).
- 1976 Convention for the Protection of the Mediterranean Sea against Pollution (NLB 18, p. 48; NLB 20, p. 36). 1980 Protocol (NLB 31, p. 31; NLB 37, p. 47).
- 1976 Guidelines for Nordic Co-operation Concerning Nuclear Installations in the Border Areas between Denmark, Finland, Norway and Sweden in Respect of Nuclear Safety Conditions (NLB 19, p. 33). The text of the Guidelines is reproduced in **NLB 19, p. 38**.
- 1978 Establishment of the Uranium Institute (NLB 21, p. 52).
- 1978 Model Bilateral Agreement regarding liability insurance for the carriage of nuclear substances (European Insurance Committee) (NLB 22, p. 42).
- 1978 United Nations Convention on the Carriage of Goods by Sea (NLB 23, p. 56).
- 1979 Convention on the Physical Protection of Nuclear Material (NLB 24, p. 28). The text of the Convention is reproduced in **NLB 24, p. 36**. The text of a 1984 Resolution on the Convention is reproduced in **NLB 34, p. 50**. Entry into force in 1987 (NLB 39, p. 39). 2002 and 2003 negotiations to revise the Convention (NLB 70, p. 69; NLB 71, p. 87). 2005 Amendment to the Convention on the Physical Protection of Nuclear Material (NLB 75, p. 135).
- 1984 Memorandum of Understanding for Co-operation in the Field of Liquid Metal Fast Reactors between Belgium, France, the Federal Republic of Germany, Italy and the United Kingdom (NLB 33, p. 37).
- 1985 South Pacific Nuclear Free Zone Treaty. The text of the Treaty is reproduced in **NLB 36, p. 58**. Status of signatures and ratifications in 1988 (NLB 41, p. 47). 1986

Protocols (NLB 39, p. 42). Status of signatures and ratifications of Protocols in 1996 (NLB 57, p. 98).

- 1986 Agreement establishing the Asian Regional Co-operative Project on Medical and Biological Applications of Nuclear Techniques (NLB 39, p. 42).
- 1986 Conventions on Early Notification of a Nuclear Accident and on Assistance in Case of a Nuclear Accident or Radiological Emergency (NLB 38, p. 57). The texts of the Conventions are reproduced in the **Supplement to NLB 38**.
- 1987 Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (RCA). Status of signatures and ratifications in 1988 (NLB 41, p. 47). 1992 Extension (NLB 51, p. 94).
- 1988 Joint Protocol relating to the Application of the Vienna Convention and the Paris Convention (NLB 41, p. 38; NLB 42, p. 54). The text of the Protocol is reproduced in **NLB 42, p. 56**. Entry into force in 1992 (NLB 49, p. 75).
- 1989 Status of European Co-operation on the Development of Fast Breeder Reactors (NLB 43, p. 101).
- 1989 Status of International Co-operation on Thermonuclear Fusion Research (NLB 44, p. 65).
- 1989 Convention on Civil Liability for Damage Caused during Carriage of Dangerous Goods by Road, Rail and Inland Navigation Vessels (NLB 45, p. 86).
- 1989 Protocol for the Protection of the South-East Pacific against Radioactive Pollution (NLB 47, p. 75). The text of the Protocol is reproduced in **NLB 47, p. 85**.
- 1990 African Regional Co-operative Agreement for Research, Development and Training related to Nuclear Science and Technology (AFRA) (NLB 45, p. 86; NLB 56, p. 106). Status of signatures and ratifications in 1990 (NLB 46, p. 91).
- 1990 Convention for the Protection of Natural Resources and the Environment of the South Pacific Region (NLB 47, p. 76).
- 1990 Agreement on International Scientific Co-operation on Reactor Safety (NLB 47, p. 76).
- 1991 European Joint Declaration on Co-operation in the Peaceful Use of Nuclear Energy (Belgium, France, Germany, United Kingdom) (NLB 47, p. 75). The text of the Declaration is reproduced in **NLB 47, p. 83**.
- 1991 Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention) (NLB 48, p. 69).
- 1991 Memorandum of Understanding between Europe and Japan on Co-operation in Fast Breeder Reactor R & D (NLB 49, p. 76).
- 1991 Declaration of the Commonwealth of Independent States (CIS) on Nuclear Arms (NLB 49, p. 76). The text of the Declaration is reproduced in **NLB 49, p. 102**

- 1992 Agreement on an International Thermonuclear Experimental Reactor (ITER) (NLB 50, p. 82).
- 1992 Convention on the Protection of the Black Sea against Pollution (NLB 50, p. 83).
- 1992 Convention for the Protection of the Marine Environment of the North-East Atlantic (NLB 50, p. 84). 1997 British and French Declarations (NLB 61, p. 104). OSPAR Commission (Convention governing body) meetings 1998 (NLB 62, p. 89) 2000 (NLB 66, p. 68).
- 1992 Agreement between Germany, the Netherlands, the United Kingdom and the United States on a Uranium Enrichment Installation (NLB 55, p. 60).
- 1993 Convention on Civil Liability for Damage resulting from Activities Dangerous to the Environment (“Lugano Convention”) (NLB 52, p. 82).
- 1993 Convention on the Prevention of Major Industrial Accidents (NLB 52, p. 83).
- 1994 Energy Charter Treaty and its Protocol (NLB 61, p. 103).
- 1994 Convention on Nuclear Safety. The text of the Draft Convention is reproduced in **NLB 53, p. 119**. Entry into force in 1996 (NLB 58, p. 136). 1997 Preparatory Meeting (NLB 59, p. 69). 1999, 2002, 2005 and 2008 Review Meetings (NLB 63, p. 90; NLB 69, p. 104; NLB 75, p. 138; NLB 81, p. 125). The text of the Summary Report from the First Review Meeting is reproduced in **NLB 63, p. 97**.
- 1994 Regional Agreement to Facilitate the Transport of Dangerous Goods between Argentina, Brazil, Paraguay and Uruguay (NLB 57, p. 94).
- 1995 Decisions and Resolutions of the General Conference of the NPT (NLB 56, p. 108).
- 1995 Memorandum of Understanding on the Closure of Chernobyl Nuclear Power Plant (NLB 57, p. 94).
- 1995 Treaty on the Southeast Asia Nuclear Weapon-Free Zone (NLB 57, p. 95).
- 1995 Treaty declaring Africa a Nuclear Weapon-Free Zone (“Treaty of Pelindaba”) (NLB 57, p. 96).
- 1995 Convention to Ban the Importation into Forum Island Countries of Hazardous and Radioactive Wastes to Control the Transboundary Movement and Management of Hazardous Wastes within the South Pacific Region (“The Waigani Convention”) (NLB 57, p. 97).
- 1996 Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Noxious Substances by Sea (HNS Convention) (NLB 58, p. 128). The text of the Resolution of the International Conference adopting the Convention is reproduced in **NLB 58, p. 169**.
- 1996 Comprehensive Nuclear Test Ban Treaty (CTBT) (NLB 58, p. 133). The text of the Treaty is reproduced in **NLB 58, p. 139**.

- 1997 Convention on Supplementary Compensation for Nuclear Damage (NLB 60, p. 107).
- 1997 Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 60, p. 112). Entry into force in 2001 (NLB 67, p. 66). 2001 Preparatory Meeting of the Contracting Parties (NLB 69, p. 105). Observations on the First Review Meeting of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (NLB 74, p. 81); Second Review Meeting (NLB 78, p. 59); Third Review Meeting (NLB 83, p. 138).
- 1997 Agreement on Co-operation in Transportation of Nuclear Materials between Bulgaria, Moldova, the Russian Federation and Ukraine (NLB 61, p. 103).
- 1998 Agreement on Co-operation in Transportation of Nuclear Materials between the Czech Republic, the Russian Federation, the Slovak Republic and Ukraine (NLB 61, p. 103; NLB 63, p. 89).
- 1998 Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention) (NLB 62, p. 89).
- 1999 Declaration of Principles regarding a Multilateral Nuclear Environmental Programme in the Russian Federation (MNEPR) (NLB 63, p. 89). The text of the Declaration of Principles is reproduced in **NLB 63, p. 95**. 2003 Multilateral Nuclear Environment Programme in the Russian Federation (NLB 71, p. 88). The texts of the Agreement and Protocol are reproduced in **NLB 71, p. 103**. Status of signatures and ratifications in 2003 (NLB 73, p. 108). Status of the framework agreement and protocol (NLB 76, p. 100).
- 2000 Code of Conduct on the Safety and Security of Radioactive Sources. The text of the Code is reproduced in **NLB 67, p. 69**. Open-ended meeting on implementation (NLB 80, p. 115).
- 2001 Agreement for Information Exchange on Radiological Surveillance in Northern Europe (NLB 68, p. 85).
- 2003 Protocol on Strategic Environmental Assessment to the Espoo Convention (Kiev Protocol).
- 2003 Framework Agreement on a Multilateral Nuclear Environmental Programme in the Russian Federation and Protocol (NLB 71, p. 103).
- 2003 Protocol amending the European Convention on the Suppression of Terrorism (NLB 74, p. 89).
- 2005 International Convention for the Suppression of Acts of Nuclear Terrorism (NLB 75, p. 137).
- 2005 Entry into Force of the Kyoto Protocol (NLB 75, p. 137).
- 2005 Framework Agreement for International Collaboration on Research and Development of Generation IV Nuclear Energy Systems (GIF) (NLB 75, p. 139).
- 2006 Agreement on the International Thermonuclear Experimental Reactor (ITER) (NLB 77, p. 67).

## **STUDIES AND ARTICLES**

## STUDIES

- The Field of Application of the Nuclear Conventions, by NEA Secretariat (NLB 5, p. 22).
- International Conventions relating to Radioactive Marine Pollution, by NEA Secretariat (NLB 13, p. 39).
- International Co-operation in the Field of Radioactive Transfrontier Pollution, by NEA Secretariat (NLB 14, p. 55).
- Compensation for Nuclear Damage in OECD Member Countries, by NEA Secretariat (NLB 20, p. 50).
- Spent Fuel and Radioactive Waste Management Issues, by NEA Secretariat (NLB 29, p. 46).
- The Regulation of Food Irradiation, by D. Neff (NLB 35, p. 85).
- The Accident at Chernobyl – Economic Damage and its Compensation in Western Europe, by NEA Secretariat (NLB 39, p. 58).
- Development and Harmonisation of Intervention Levels in Case of a Nuclear Accident, by NEA Secretariat (NLB 45, p. 10).
- Three Negotiations Concerning Nuclear Law, by NEA Secretariat (NLB 53, p. 30).
- Potential Liability of Contractors Working on Nuclear Safety Improvement Projects in Central and Eastern Europe, by NEA Secretariat (NLB 53, p. 36).
- Problems Raised by the Application of the Nuclear Third Party Liability Conventions to Radioactive Waste Repositories, by NEA Secretariat (NLB 55, p. 17).
- Regulatory and Institutional Framework for Nuclear Activities in the Slovak Republic, by NEA Secretariat (NLB 62, p. 34).
- Compensation Regimes Applicable to Radiation Workers in OECD Countries, by NEA Secretariat (NLB 66, p. 7).
- Tokai-mura Accident, Japan – Third Party Liability and Compensation Aspects, by NEA Secretariat (NLB 66, p. 13).
- The new German Radiation Protection Ordinance 2001, by M. Palm (NLB 68, p. 39).
- The 2002 Amendment to the German Atomic Energy Act Concerning the Phase-out of Nuclear Power, by A. Vorwerk (NLB 69, p. 7).
- The Problems Facing Nuclear Power in Japan – Emphasising Law and Regulations, by Y. Baba (NLB 69, p. 16).

- The US National System for Disposal of High-Level and Transuranic Radioactive Wastes: Legislative History and its Effect on Regulatory Approaches, by B. Forinash (NLB 69, p. 29).
- La participation de l'industrie nucléaire à l'élaboration de la norme internationale – Approche du phénomène en droit de la radioprotection, by O. Lajoinie (NLB 69, p. 42).
- Nuclear Law in Morocco: National and International Aspects, by M. Nabil (NLB 73, p. 51).
- Transposition into Swiss Law of the Paris Convention and the Brussels Supplementary Convention, as amended, by R. Tami and S. Daina (NLB 74, p. 27).
- Law on the Peaceful Uses of Nuclear Energy: Key Concepts, by D. De Pompignan (NLB 76, p. 47).
- Insurance Coverage for Third Party Liability and Material Damage Arising From Nuclear Damage Caused by Terrorist Acts, by NEA Secretariat (NLB 78, p. 19).
- The International System of Radiological Protection: Key Structures and Current Challenges, by E. Lazo (NLB 80, p. 49).
- Changes in the Legal Status of the Commissariat à l'énergie atomique, by L. Grammatico (NLB 83, p. 77).
- The Peaceful Nuclear Energy Program in the United Arab Emirates: Background and history, by A. Al Shamsi (NLB 100, p. 73).
- Euratom Competence in the Areas of Nuclear Security and Nuclear Safety: An Impossible Parallel?, by A. Popov (NLB 101, p. 63)
- New Framework for Radiation Protection Legislation in Germany, by G.-S. Akbarian (NLB 102, p. 71).
- Technology-neutral licensing of advanced reactors: Evaluating the past and present NRC framework, by M. Segarnick and S. Desai (NLB 103, p. 37).
- Slovak legal system for ensuring feasible nuclear back-end system implementation, by M. Macáček, V. Slugeň and M. Šnírér (NLB 105, p. 79).
- Recognition and enforcement of foreign judgments on civil liability for nuclear damage, by U. Magnus (NLB 106, p. 7).
- Slovak legal system for ensuring feasible nuclear back-end system implementation – Part 2: Outlook for future development, by M. Macáček, V. Slugeň and M. Šnírér (NLB 107, p. 33).
- The qualification of nuclear substances and nuclear liability, by E. de Bossieu (NLB 108/109, p. 77).
- Sustainable nuclear energy in Italy, by F. Porcellana (NLB 114, p. 61).

- Nuclear cyberthreats and the EU legal framework: How EU cybersecurity laws apply to and impact nuclear power plants, by O. Slant (NLB 114, p. 69).

## ARTICLES

### **Environmental protection**

- Environmental Law Developments in Nuclear Energy, by S. D. Berger (NLB 81, p. 55).
- Environmental Law and Nuclear Law: A Growing Symbiosis, by S. Emmerechts (NLB 82, p. 91).
- International Court of Justice on Potential Transboundary Damage and its Consequences in Nuclear Law, by M. Cletienne (NLB 86, p. 59).
- Nuclear law and environmental law in the licensing of nuclear installations, by C. Raetzke (NLB 92, p. 55).
- The application of the Espoo Convention on Environmental Impact Assessment in a Transboundary Context to nuclear energy-related activities (NLB 97, p. 63).
- Environmental impact assessments and long-term operation of nuclear power reactors: Increasing importance of environmental protection in the European Union?, by S. Emmerechts and P. Bourdon (NLB 105, p. 7).

### **Food irradiation**

- Technical and Legal Aspects relating to the Labelling of Irradiated Food-Substances, by L. G. Ladomery and F. Nocera (NLB 26, p. 45).

### **General legislation, regulations and instruments**

- Atomic Energy Law from 1967 to 1969: Status and Prospects, by Professor Fischerhof (NLB 6, p. 67).
- New Trends in Atomic Law, by J. K. Pfaffelhuber (NLB 10, p. 43).
- In the United States: Atomic Energy on Trial, by E. Abel (NLB 13, p. 56).
- Third United Nations Conference on the Law of the Sea and the Use of Nuclear Energy, by S. Von Welck (NLB 15, p. 63).
- French Case Law and the Use of Nuclear Energy, by J. Hebert (NLB 25, p. 57).
- After the Referendum (Sweden), by S. G. Sandstrom (NLB 26, p. 53).
- The Nature and Scope of International Co-operation in Connection with the Peaceful Uses of Nuclear Energy, and its Limits – an Assessment, by N. Pelzer (NLB 27, p. 34).

- Decentralisation and Nuclear Activities, by B. Derché (NLB 31, p. 32).
- The Referendums on Nuclear Energy in Italy, by C. Sartorelli (NLB 40, p. 99).
- The Legal Regime of Nuclear Power Satellites, A Crossroads Between Nuclear Law and Space Law, by S. Courteix (NLB 49, p. 24).
- Moroccan National Nuclear Regulation Project, by R. El Hassi Ahmed (NLB 50, p. 36).
- Reflection on the Development of Nuclear Law, by K. Boustany (NLB 51, p. 7).
- Consent Rights in New Arrangement for Co-operation in the Peaceful Uses of Nuclear Energy Between the United States and Euratom, by R. Lennartz (NLB 57, p. 53).
- Perpetuity of Rights and Obligations in the Agreement for Co-operation in the Peaceful Uses of Nuclear Energy Between the European Atomic Energy Community and the United States, by R. Lennartz (NLB 59, p. 27).
- Recent Developments in German Nuclear Energy Law, by B. Kunth and H. Posser (NLB 60, p. 55).
- Normative Rule Making at the IAEA, Code of Conduct, by A. Wetherall (NLB 75, p. 71).
- Nuclear Transparency and Safety Act: What Changes for French Nuclear Law, by M. Léger and L. Grammatico (NLB 77, p. 7).
- The Review Conference Mechanism in Nuclear Law: Issues and Opportunities, by C. Stoiber (NLB 83, p. 5).
- Nuclear New Build – New Nuclear Law? by N. Pelzer (NLB 84, p. 5).
- Resurgence of Nuclear Energy in Italy, by F. Iaccarino (NLB 84, p. 65).
- International Legal Instruments Promoting Synergies in Nuclear Safety, Security and Safeguards: Myths or Reality?, by A. Vasmant (NLB 84, p. 81).
- The Independence of the Nuclear Regulator, Notes from the Canadian Experience, by B. Mackenzie (NLB 85, p. 35).
- Nuclear Renaissance in Italy – Maintaining Momentum, by F. Iaccarino (NLB 85, p. 65).
- The Temelín-Judgement of the European Court of Justice, by W. Schärff (NLB 85, p. 79).
- International nuclear law in the 25 years between Chernobyl and Fukushima and beyond, by S. Kus (NLB 87, p. 7).
- Special report on the Second Annual Meeting of the Nuclear Law Association, “India’s nuclear energy sector: Business opportunities and legal challenges”, 2 March 2013, Mumbai, India (NLB 91, p. 89).
- Turkish nuclear legislation: Developments for a nuclear newcomer, by E. Ercan and H. Schneider (NLB 92, p. 29).

- Nuclear energy and Indian society: Public engagement, risk assessment and legal frameworks (NLB 93, p. 63).
- The legal status of nuclear power in Germany, by T. Mann (NLB 94, p. 43).
- Brexit, Euratom and nuclear proliferation, by Anna Södersten (NLB 98, p. 47).
- Reflections on the Development of International Nuclear Law, by V. Lamm (NLB 99, p. 31).
- Legal challenges to the operation of nuclear reactors in Japan, by H. Hase (NLB 100, p. 35).
- The rule of law: A fragile tool for the development of emerging nuclear technologies, by C. Pinel and H. Lopez (NLB 108/109, p. 27).
- Legal frameworks for nuclear energy in non-nuclear countries: An Irish case study, by V. Smith (NLB 108/109, p. 41).
- Nuclear fusion: Legal aspects, by W. Tonhauser and K. T. Olajos (NLB 111, p. 57).
- Atoms for Peace in a time of international conflict: Assessing the legal situation of nuclear power plants under belligerent occupation, by E. Buis (NLB 112, p. 7).
- Nuclear rhetoric and response: A historical analysis of Australia's nuclear law evolution considering global events and the AUKUS partnership, by K. Braybon (NLB 112, p. 41).

#### **Liability and compensation**

- Civil Liability and Nuclear Law, by Professor Olaciregui (NLB 5, p. 27).
- The Simultaneous Application of the Paris and Vienna Conventions in the Danish Draft Act, by Judge Spleth (NLB 6, p. 58).
- On Modernising the Paris Convention, by Professor N. Pelzer (NLB 12, p. 46).
- Nuclear Indemnity Legislation in the United States, by H. K. Shapar (NLB 15, p. 50).
- Standard Rules for Liability and Cover for Nuclear Installations, by J. K. Pfaffelhuber and B. Kuckuck (NLB 25, p. 70).
- Reform of Liability in Nuclear Law, by W. Breining (NLB 25, p. 76).
- The New Terms of Insurance Cover in France for Loss or Damage to Third Parties Caused by Radioactivity, by J. Deprimoz (NLB 29, p. 52).
- Legal Force of International Rules relating to Nuclear Risks, by A. Herrero De La Fuente (NLB 30, p. 47).
- International Co-operation in Providing Insurance Cover for Nuclear Damage to Third Parties and for Damage to Nuclear Installations, by J. Deprimoz (NLB 32, p. 73).

- Nuclear Liability Insurance – The Price-Anderson Reparations System and the Claims Experience of the Nuclear Industry, by J. Marrone (NLB 33, p. 45).
- Keynote Address to the 1984 Munich Symposium on Nuclear Third Party Liability and Insurance – Status and Prospects, by R. Herzog (NLB 34, p. 52).
- Field of Application of Belgian Legislation on Nuclear Third Party Liability, by H. Conruyt and F. Rivalet (NLB 37, p. 57).
- Proof of Damage from Ionising Radiation, by B. Moser (NLB 38, p. 70).
- Current Problems of Nuclear Liability Law in the Post-Chernobyl Period – A German Standpoint, by N. Pelzer (NLB 39, p. 66).
- Radiological Injury Claims: Increasing, Decreasing or No Change?, by G. Charnoff (NLB 40, p. 79).
- The Concept of Property Damage and Related Issues in Liability Law – Possible Implications for the Paris Convention on Third Party Liability in the Field of Nuclear Energy, by C. Holtz (NLB 40, p. 87).
- The Price-Anderson Amendments Act of 1988: A Case of Better Late than Never, by M. A. Rowden, J. R. Kraemer and L. M. Cuoco (NLB 42, p. 74).
- A Bridge Between Two Conventions on Civil Liability for Nuclear Damage: the Joint Protocol relating to the Application of the Vienna Convention and the Paris Convention, by O. Von Busekist (NLB 43, p. 10).
- Towards a New Regime of State Responsibility for Nuclear Activities, by L. De La Fayette (NLB 50, p. 7).
- Causation and the Problem of Evidence in Cases of Nuclear Damage, by P. Ståhlberg (NLB 53, p. 22).
- Vienna Convention Revision: A Review of the Exercise and Insurance Implications in the Provisions under Discussion, by G. C. Warren (NLB 55, p. 9).
- Reflections on Liability and Radiological or Nuclear Accidents: The Accidents at Goiania, Forbach, Three Mile Island and Chernobyl, by M. C. Boehler (NLB 59, p. 13).
- The Protocol Amending the 1963 Vienna Convention, by V. Lamm (NLB 61, p. 7).
- The Compensation Convention: Path to a Global Regime for Dealing with Legal Liability and Compensation for Nuclear Damage, by B. McRae (NLB 61, p. 25).
- The New Austrian Act on Third Party Liability for Nuclear Damage, by M. Hinteregger (NLB 62, p. 27).
- Limitation of Third Party Nuclear Liability: Causes, Implications and Future Possibilities, by M. Radetzki (NLB 63, p. 7).

- Maritime Zones and the New Provisions on Jurisdiction in the 1997 Vienna Protocol and in the 1997 Convention on Supplementary Compensation, by A. Gioia (NLB 63, p. 25).
- The 1968 Brussels Convention and Liability for Nuclear Damage, by P. Sands and P. Galizzi (NLB 64, p. 7).
- Third Party Liability in the Field of Nuclear Law: An Irish Perspective, by P. O'Higgins and P. McGrath (NLB 70, p. 7).
- Putting the Cart Before the Horse – The Case Against a New Regime Covering Radioactive Incidents During Transport, by J. A. Miller (NLB 73, p. 7).
- The Reform of the Paris Convention on Third Party Liability in the Field of Nuclear Energy and of the Brussels Supplementary Convention, by R. Dussart-Desart (NLB 75, p. 7).
- Revised Paris and Vienna Nuclear Liability Conventions – Challenges for Insurers, by M. Tetley (NLB 77, p. 27).
- The Convention on Supplementary Compensation for Nuclear Damage: Catalyst for a Global Nuclear Liability Regime, by B. McRae (NLB 79, p. 17).
- International Pooling of Operators' Funds: An Option to Increase the Amount of Financial Security to Cover Nuclear Liability?, by N. Pelzer (NLB 79, p. 37).
- Perspective on the Pros and Cons of a Pooling-type Approach to Nuclear Third Party Liability, by S. Carroll (NLB 81, p. 75).
- Harmonisation of Nuclear Liability in the European Union: Challenges, Options and Limits, by J. Handrlica (NLB 84, p. 35).
- The Brussels I Regulation and Liability for Nuclear Damage, by J. Handrlica (NLB 86, p. 29).
- Deliberations on Compensation and Remediation of Nuclear Damage to the Environment, by N. Pelzer (NLB 86, p. 49).
- Convention on Supplementary Compensation for Nuclear Damage (CSC) and harmonisation of nuclear liability law within the European Union, by B. McRae (NLB 87, p. 73).
- Fukushima: Liability and compensation, by X. Vázquez-Maignan (NLB 88, p. 61).
- Through the looking glass: Placing India's new civil liability regime for nuclear damage in context, by R. J. Gruendel and E. Reynaers Kini (NLB 89, p. 45).
- Conflict of law issues related to Switzerland's participation in the Paris Nuclear Third Party Liability Regime, by M. Waldner (NLB 90, p. 31).
- Progress towards a global nuclear liability regime (NLB 93, p. 9).
- The Convention on Supplementary Compensation for Nuclear Damage and participation by developing countries: A South African perspective, by D. Davies (NLB 93, p. 25).

- Fusion energy and nuclear liability considerations, by W. Fork and C. Peterson (NLB 93, p. 43).
- Challenges facing the insurance industry since the modernisation of the international nuclear third party liability regime, by A. Quéré (NLB 94, p. 77).
- Draft Federal Act of the Russian Federation “The Civil Liability for Nuclear Damage and its Financial Security”, by Y. Lebedeva (NLB 94, p. 105).
- Entry into force of the Convention on Supplementary Compensation for Nuclear Damage: Opening the umbrella, by B. McRae (NLB 95, p. 7).
- Nuclear third party liability in Germany, by C. Raetzke (NLB 97, p. 9).
- McMunn, et al. v. Babcock and Wilcox Power Generation Group, Inc., et al.: The long road to dismissal, by M. Berger (NLB 98, p. 57).
- Facing the Challenge of Nuclear Mass Tort Processing, by N. Pelzer (NLB 99, p. 45).
- Reflections on the negotiations of the Protocols to amend the Paris and Brussels Supplementary Conventions, by M. Léger (NLB 107, p. 7).
- Applicability of the existing nuclear liability conventions to different types of small modular reactors currently under development, by V. J. H. Roland (NLB 110, p. 7).
- Nuclear liability in respect of Ukraine’s nuclear installations under Russian military control, by N. L. J. T. Horbach and O. F. Brown (NLB 111, p. 7).
- The modern nuclear liability regime’s concept of “environmental damage”: How national courts may apply it and what remedies they may provide for such damage, by S. Knopp Pisi (NLB 111, p. 23).
- Reciprocity principle under the nuclear third party liability conventions (NLB 112, p. 109).
- New-build nuclear power plant contracts and nuclear third-party liability: Contractor zero liability for net zero?, by E. Wittman (NLB 113, p. 43).

### **Licensing and regulatory infrastructure**

- Comparative Review of Public Participation in Nuclear Licensing Procedures in Certain European Countries, by N. Pelzer and W. Bischof (NLB 19, p. 53).
- The Road to Nuclear Licensing Reform, by H. P. Green (NLB 21, p. 70).
- Protection of Nuclear Facilities against Aircraft Crash – Legal aspects concerning licensing and supervision currently under discussion in Germany, by U. Feldmann (NLB 75, p. 63).
- Looking Backward, Moving Forward: Licensing New Reactors in the United States, by S. G. Burns (NLB 81, p. 7).
- Legal and regulatory aspects of long-term operation of nuclear power plants in OECD member countries, by S. Emmerechts, C. Raetzke and B. Okra (NLB 87, p. 45).

- Uranium mining and production: A legal perspective on regulating an important resource, by L. Thiele (NLB 92, p. 9).
- Reformed and reforming: Adapting the licensing process to meet new challenges, by S. G. Burns (NLB 99, p. 7).
- Today is yesterday's pupil: Reactor licence renewal in the United States, by K. S. Nick (NLB 101, p. 31).
- A perspective on key legal considerations for performance-based regulating, by E. Dandy (NLB 103, p. 7).
- Forging a clear path for advanced reactor licensing in the United States: Approaches to streamlining the NRC environmental review process, by M. J. O'Neill (NLB 105, p. 31).
- Significant legal developments concerning "independent" regulatory agencies in the United States and what it could mean for the Nuclear Regulatory Commission, by E. Michel (NLB 107, p. 13).
- The future of nuclear energy and the role of nuclear law, by K.S. Nick (NLB 108/109, p. 7).
- Responding to the call: Assessing international legal frameworks for response to incidents involving floating nuclear power plants, by J. Karcz (NLB 110, p. 37).
- A legal analysis for a future regulatory framework for fusion energy, by T. Kimura (NLB 112, p. 79).
- Governance of nuclear energy in outer space, by A. Q. Gilbert (NLB 113, p. 7).

### **Nuclear installations**

- Regime Governing Nuclear Installations in France after the 1973 Reforms, by J. Hebert (NLB 12, p. 38).
- Legal Aspects of the Decommissioning of Nuclear Facilities, by O. Von Busekist (NLB 23, p. 63).
- The Implications of the Supreme Court's California Nuclear Moratorium Decision, by O. F. Brown and E. M. Davis (NLB 32, p. 50).
- Regulation of Major Risks in Nuclear Installations in France, by L. Phan Van (NLB 48, p. 9).
- Right of the Public to Participate in the Nuclear Decision-Making Process, by F. Galliot de Galzain (NLB 50, p. 44).
- Legal Aspects of the Decommissioning of Nuclear Facilities: A Comparative View, by N. Horbach and E. Hanenburg (NLB 58, p. 29).
- The International Thermonuclear Experimental Reactor (ITER) International Organisation: Which Laws Apply to this International Nuclear Operator?, by L. Grammatico-Vidal (NLB 84, p. 103).

### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- Mutual Emergency Assistance Arrangements at the International Level, by G. E. Swindell and H. Vinh Phuong (NLB 24, p. 49).
- Framework for Radiation Emergency Response in the USA, by H. K. Shapar (NLB 24, p. 55).
- Financial and Legal Implications of the Three Mile Island Accident, by M. R. Staenberg (NLB 24, p. 65).
- The Silkwood Litigation (Twelve Years Later), by L.S. Gilbert (NLB 37, p. 66).
- The IAEA Conventions on Early Notification of a Nuclear Accident and on Assistance in the Case of a Nuclear Accident or Radiological Emergency, by B. Moser (NLB 44, p. 10).
- Optimising Radiation Protection – the Ethical and Legal Bases, by J. Lochard and M-C. Grenergy-Boehler (NLB 52, p. 9).
- Achievements in Assessing Safety Culture, by A. Carnino (NLB 52, p. 28).
- Health Protection against Ionising Radiation and the Court of Justice of the European Communities, by R. Lennartz (NLB 53, p. 9).
- The Convention on Nuclear Safety, by O. Jankowitsch (NLB 54, p. 9).
- The new 96/29 Euratom Directive on the Basic Standard for the Protection of Workers and the General Public against Ionising Radiation, by J-M. Courades (NLB 58, p. 49).
- The Development of Nuclear Law-Making or the Art of Legal “Evasion”, by K. Boustany (NLB 61, p. 39).
- The Public Right of Access to Information on Nuclear Energy under the Spanish Legal System, by M. Baena Del Alcázar (NLB 71, p. 7).
- The IAEA Nuclear Safety Conventions: An example of Successful “Treaty Management”, by G. Handl (NLB 72, p. 7).
- The “Incentive” Concept as Developed in the Nuclear Safety Conventions and its Possible Extension to Other Sectors, by T. De Wright (NLB 80, p. 29).
- The Directive Establishing a Community Framework for the Nuclear Safety of Nuclear Installations: The EU Approach to Nuclear Safety, by M. Garribba, A. Chirtes and M. Nauduzaitė (NLB 84, p. 23).
- The Momentum of the European Directive on Nuclear Safety – From the Complexity of Nuclear Safety to Key Messages Addressed to European Citizens, by Y. Pouleur and P. Krs (NLB 85, p. 5)
- Global nuclear law in the making? Joint exercise of public powers in the nuclear field: the case of the revision of the International Basic Safety Standards, by Z. Turbék (NLB 89, p. 7).

- The post-Fukushima Daiichi response: The role of the Convention on Nuclear Safety in strengthening the legal framework for nuclear safety, by P.L. Johnson (NLB 91, p. 7).
- Adequate protection after the Fukushima Daiichi accident: A constant in a world of change, by Commissioner W. C. Ostendorff and K. Sexton (NLB 91, p. 23).
- Safer nuclear energy through a higher degree of internationalisation? International involvement versus national sovereignty, by N. Pelzer (NLB 91, p. 43).
- Towards a new international framework for nuclear safety: Developments from Fukushima to Vienna, by E. Durand-Poudret (NLB 95, p. 27).
- Treaty implementation applied to conventions on nuclear safety, by M. Montjoie (NLB 96, p. 9).
- Crisis, criticism, change: Regulatory reform in the wake of nuclear accidents, by K. Sexton (NLB 96, p. 35).
- Inside nuclear baseball: Reflections on the development of the safety conventions, by C. Stoiber (NLB 100, p. 61).
- The impact of the major nuclear power plant accidents on the international legal framework for nuclear power, by S.G. Burns (NLB 101, p. 7).

### **Nuclear security**

- Protection of Civilian Nuclear Installations in Time of Armed Conflict, by V. Lamm (NLB 72, p. 29).
- The Proliferation of International Nuclear Law's Actors: Resolution 1540 and the Security Council's Fight against Weapons of Mass Destruction Falling Into Terrorists' Hands, by B. Demeyere (NLB 75, p. 35).
- International Convention for the Suppression of Acts of Nuclear Terrorism, by O. Jankowitsch-Prevor (NLB 76, p. 7).
- The Universal Legal Framework Against Nuclear Terrorism, by W. Gehr (NLB 79, p. 5).
- Legal aspects of the control and repression of illicit trafficking of nuclear and other radioactive materials – Is there a need for an international convention?, by S. Spence (NLB 89, p. 67).
- Strengthening the international legal framework for nuclear security: Better sooner rather than later, by Anthony C. Wetherall (NLB 98, p. 7).
- The United Kingdom and the Treaty on the Prohibition of Nuclear Weapons in Latin America and the Caribbean: A case study in treaty implementation overseas, by H. Chalmers (NLB 114, p. 33).

### **Nuclear trade (including non-proliferation)**

- International Safeguards on the Peaceful Uses of Nuclear Material, by R. Rometsch (NLB 13, p. 66).
- International Safeguards, by B. Sanders and H. Vinh Phuong (NLB 18, p. 54).
- Non-Proliferation Treaty 1990 Review Conference: Looking Towards 1995, by L. Rockwood (NLB 46, p. 25).
- Nuclear Testing and the Future of the Nuclear Non-Proliferation Treaty, by B. M. Carnahan (NLB 49, p. 7).
- The Regulation of Nuclear Trade in the United States, by J. Becker (NLB 51, p. 26).
- The Nuclear Non-Proliferation Treaty: A Permanent Commitment to Disarmament and Non-Proliferation, by L. Rockwood (NLB 56, p. 9).
- Inspection for Clandestine Nuclear Activities: Does the Nuclear Non-proliferation Treaty Provide Legal Authority for the IAEA's Proposals for Reform?, by G. Bunn (NLB 57, p. 9).
- Preventing the Proliferation of Nuclear Weapons: 50 Years of Atoms for Peace, by T. Vanden Borre and R. Carchon (NLB 57, p. 23).
- Nuclear-Weapon-Free Zones: Challenges and Prospects for Non-Proliferation, by A. Biad (NLB 58, p. 9).
- Comprehensive Ban on Nuclear Tests, by J. Bourgois (NLB 59, p. 7).
- Strengthening the Effectiveness and Improving the Efficiency of the IAEA Safeguards System, by L. Rockwood (NLB 60, p. 41).
- A Short History of Nuclear Non-Proliferation, by B. Sanders (NLB 62, p. 7).
- The Treaty on the Non-Proliferation of Nuclear Weapons and the Process for Its Enhanced Review on the Eve of the 2000 Review Conference, by C. Pinel (NLB 65, p. 13).
- How current are Euratom provisions on nuclear supply and ownership in view of the European Union's enlargement?, by A. Bouquet (NLB 68, p. 7).
- The Nuclear Weapon Non-Proliferation Treaty and Terrorism: The Consequences of 11 September 2001 on the Treaty Review Process, by G. Arbellot du Repaire (NLB 71, p. 15).
- The Comprehensive Nuclear Test Ban Treaty – Eight Years After the Opening of the Treaty for Signature: What is the Situation?, by G. Le Goff and D. Rousseau (NLB 74, p. 9).
- Critical Reflections on the Treaty on the Non-Proliferation of Nuclear Weapons, by Q. Michel (NLB 80, p. 21).
- The EU and Non-Proliferation: Need for a Quantum Leap?, by R. Kobia (NLB 81, p. 31).

- U.S.-India Nuclear Cooperation and Non-Proliferation, by Y.T. Mannully (NLB 82, p. 9).
- National Implementation and Enforcement of Nuclear-Weapon-Free Zone Treaties, by L. Tabassi (NLB 83, p. 29).
- Between Shadow and Light: The treaty on the Non-Proliferation of Nuclear Weapons Forty Years On, by A. Biad (NLB 86, p. 5).
- Competition Law and the Nuclear Sector: An EU Outlook, by M. Sousa Ferro (NLB 86, p. 13).
- The continuing role of item-specific agreements in the IAEA safeguards system, by C. Defrancia (NLB 88, p. 37).
- The impact of the Additional Protocol and Strengthened Safeguards: Effects on the International Atomic Energy Agency and on states, by B. Katzenberg (NLB 90, p. 71).
- A common high standard for nuclear power plant exports: overview and analysis of the Nuclear Power Plant Exporters' Principles of Conduct, by G. Perkovich and B. Radzinsky (NLB 90, p. 7).
- The MCP Altona incident: the Canadian regulatory response and framework for the export of uranium, by J. Lavoie (NLB 90, p. 23).
- Nuclear arbitration: Interpreting non-proliferation agreements, by P. Tzeng (NLB 95, p. 41).
- Towards nuclear disarmament: State of affairs in the international legal framework, by S. Fanielle (NLB 97, p. 35).
- In search of the elusive conflict: The (in-)compatibility of the Treaties on the Non-Proliferation and Prohibition of Nuclear Weapons, by M.J. Moffatt (NLB 102, p. 7).
- The Euratom nuclear safeguards system and how it works with the IAEA safeguards system, by A.-F. Mildenstein (NLB 114, p. 7).

#### ***Nuclear-powered ships***

- Admittance of Non-Military Nuclear Propulsion Ships in Territorial Waters and Foreign Ports, by Professor Albano (NLB 9, p. 52).
- Comments on the Italian Regulations on the Safety of Navigation and Life at Sea, with Particular Emphasis on Nuclear Ship Propulsion, by F. Nocera (NLB 15, p. 73).

#### ***Organisation and structure***

- Considerations on the Attributions of CNEN Inspectors, by F. Nocera and F. Carbone (NLB 9, p. 58).
- Philosophical Goals of Nuclear Regulation, by L. M. Muntzing (NLB 17, p. 35).
- The Reorganisation of the French Commissariat à l'énergie atomique, by G. Glaize (NLB 19, p. 43).

- Regulatory and institutional framework in Japan against the background of Fukushima, by the OECD/NEA (NLB 87, p. 27).

### **Radioactive materials (including physical protection)**

- Legal Aspects of the Use of Sources of Ionising Radiation, by Professor De Los Santos Lasurtegui (NLB 7, p. 50).
- French Regulations Governing the Use of Radioisotopes, by M. Mayoux (NLB 8, p. 52).
- Some Legal Problems in Connection with the Use of Plutonium-Powered Cardiac Pacemakers, by J.C. Cornelis (NLB 11, p. 65).
- The Physical Protection of Nuclear Material, by H. Vinh Phuong (NLB 35, p. 113).
- A Code of Conduct on the Safety of Radiation Sources and the Security of Radioactive Materials, by K. Boustany (NLB 65, p. 7).
- The IAEA Code of Conduct on the Safety of Radiation Sources and the Security of Radioactive Materials – A Step Forwards or Backwards? by K. Boustany (NLB 67, p. 9).
- The OSPAR Convention and its Implementation: Radioactive Substances, by C. Jarlier-Clément (NLB 67, p. 21).
- The International Regime on the Physical Protection of Nuclear Material and the Amendment to the Convention on the Physical Protection of Nuclear Material, by L. Vez Carmona (NLB 76, p. 29).
- Facilitating the entry into force and implementation of the Amendment to the Convention on the Physical Protection of Nuclear Material: Observations, challenges and benefits, by P.L. Johnson (NLB 94, p. 9).

### **Radioactive waste management**

- Legal, Administrative and Financial Aspects of Long-term Management of Radioactive Waste, by P. Strohl (NLB 21, p. 77).
- Legal Problems Arising in the Federal Republic of Germany in Connection with Construction and Management of Radioactive Waste Final Storage Facilities, by W. Strassburg (NLB 22, p. 53).
- Licensing and Regulation of Nuclear Waste, by H.K. Shapar (NLB 23, p. 78).
- International Legal and Political Considerations Concerning the Seabed Disposal of Nuclear Waste, by L.H. Eaker (NLB 31, p. 40).
- Radioactive Waste Management in Switzerland: the Legal Framework, by V. Egloff (NLB 41, p. 78).
- Nuclear Waste Management – Ethical Considerations for the Lawmaker, by L. Persson (NLB 43, p. 40).
- Radioactive Waste Management: Ethics, Law and Policy, by P. Strohl (NLB 46, p. 10).

- International Regulations on Radioactive and Toxic Waste: Similarities and Differences, by E. Moise (NLB 47, p. 10).
- Some reflections about law and ethics, by L. Westerhäll (NLB 49, p. 39).
- Regulation of Radioactive Waste Management and the Growth of Europe, by P. Bowden (NLB 56, p. 19).
- The Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management, by W. Tonhauser and O. Jankowitsch (NLB 60, p. 9).
- United States Nuclear Waste Policy Act, by S. Angelini (NLB 60, p. 23).
- Disposal of Radioactive Waste: The Question of the Involvement of the Public under International Law, by P. Strohl (NLB 64, p. 29).
- The Concept of Responsibility to Future Generations for the Management and Storage of Radioactive Waste, by E. Vial (NLB 74, p. 15).
- Observations on the first Review Meeting of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management, by G. Linsley (NLB 74, p. 81).
- Judicial Progress in Germany's Nuclear Waste Disposal Policy, The Konrad Repository Decisions of 26 March 2007, by G. Kühne (NLB 80, p. 9).
- The Decommissioning of Asse II – Burden of the Past in the Federal Republic of Germany, by H. Näser (NLB 83, p. 59).
- The status of radioactive waste repository development in the United States – December 2011, by D.R. Hill (NLB 88, p. 7).
- The Radioactive Waste Directive: a necessary step in the management of spent fuel and radioactive waste in the European Union, by U. Blohm-Hieber (NLB 88, p. 21).
- Italian decommissioning in the post-referendum era, by V. Ferrazzano and S. Scarabotti (NLB 89, p. 35).
- From Waste Confidence to Continued Storage: Legal theories supporting the US NRC's licensing of nuclear facilities without a repository, by A.P. Averbach (NLB 102, p. 57).

#### **Transport of radioactive materials**

- The Safety Regime Concerning Transboundary Movement of Radioactive Waste and its Compatibility with the Trade Regime of the WTO, by L. Strack (NLB 73, p. 25).
- Right of innocent passage of ships carrying ultra-hazardous cargoes, by M. Sousa Ferro (NLB 78, p. 5).

**TEXTS REPRODUCED IN THE  
NUCLEAR LAW BULLETIN**

## CLASSIFICATION BY COUNTRY

### Albania

#### Legislative and regulatory activities

##### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1995 Law on Ionising Radiation Protection (NLB 60, p. 115).

### Argentina

#### Agreements

- 1971 Agreement with the Federal Republic of Germany on the Entry of Nuclear Ships into Argentine Waters and their Stay in Argentine Ports (NLB 10, p. 37).
- 1980 Co-operation Agreement with Brazil for the Development and Application of Nuclear Energy for Peaceful Purposes (NLB 27, p. 30).

### Armenia

#### Legislative and regulatory activities

##### *General legislation, regulations and instruments*

- 1999 Law for the Safe Utilisation of Atomic Energy for Peaceful Purposes (Supplement to NLB 65).

## **Australia**

### **Legislative and regulatory activities**

#### **Organisation and structure**

- 1987 Australian Nuclear Science and Technology Organisation Act (NLB 40, p. 54).

#### **Radioactive waste management**

- 2012 National Radioactive Waste Management Act No. 29, 2012 (NLB 89, p. 147).

### **Agreements**

- 1978 Agreement with Finland concerning the Transfer of Nuclear Material (NLB 22, p. 45).

## **Austria**

### **Legislative and regulatory activities**

#### **General legislation, regulations and instruments**

- 1999 Federal Constitutional Act for a Nuclear-Free Austria (NLB 64, p. 48).

#### **Liability and compensation**

- 1999 Atomic Liability Act (Supplement to NLB 63).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1969 Federal Bill regarding Measures for Protecting Life and Health of Persons and their Descendants against Injury by Ionising Radiations (Supplement to NLB 3).

## **Belarus**

### **Legislative and regulatory activities**

#### **General legislation, regulations and instruments**

- 2008 Act on the Use of Atomic Energy (NLB 82, p. 135).
- 2008 Resolution of the Security Council on the development of nuclear power generation (NLB 82, p. 167).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 2007 Regulation on the Department for Nuclear Safety and Radiation Protection of the Ministry for Emergency Situations of the Republic of Belarus (NLB 82, p. 161).

**Organisation and structure**

- 2007 Decree on steps to be taken for the construction of a nuclear power plant (NLB 82, p. 159).

## Belgium

**Legislative and regulatory activities****General legislation, regulations and instruments**

- 2003 Act on the Phase-out of Nuclear Energy for the Purposes of the Industrial Production of Electricity (NLB 71, p. 99).

**Liability and compensation**

- 1981 Bill on Nuclear Third Party Liability (Supplement to NLB 28).
- 1985 Act on Third Party Liability in the Field of Nuclear Energy (Supplement to NLB 37). 2000 Amending Act (NLB 66, p. 75).
- 2014 Act amending the 1985 Act on Third-Party Liability in the Field of Nuclear Energy (NLB 99, p. 105).
- 2016 Act amending the 1985 Act on Third-Party Liability in the Field of Nuclear Energy (NLB 99, p. 111).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1958 Act on Protection against the Hazards of Ionising Radiation, as amended in 1983 (NLB 33, p. 39).

**Agreements**

- 1984 Agreement with Egypt for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 52).

## **Brazil**

### **Legislative and regulatory activities**

#### ***Liability and compensation***

- 1977 Act on Civil Liability for Nuclear Damage and Criminal Responsibility for Acts relating to Nuclear Activities (Supplement to NLB 21).
- 2014 Resolution No. 169 (NLB 94, p. 145).
- 2016 Law No. 13,260 of 16 March 2016 (NLB 97, p. 105).

### **Agreements**

- 1975 Agreement with the Federal Republic of Germany on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 43).
- 1980 Co-operation Agreement with Argentina for the Development and Application of Nuclear Energy for Peaceful Purposes (NLB 27, p. 30).

## **Bulgaria**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1985 Act on the Use of Atomic Energy for Peaceful Purposes, as revised in 1995 (Supplement to NLB 58).
- 2002 Act on the Safe Use of Nuclear Energy (Supplement to NLB 71).

## **Canada**

### **Legislative and regulatory activities**

#### ***Environmental Protection***

- 2012 Canadian Environmental Assessment Act (NLB 90, p. 167).

#### ***General legislation, regulations and instruments***

- 1974 Atomic Energy Regulations (Supplement to NLB 14).

#### ***Liability and compensation***

- 1970 Act on Civil Liability for Nuclear Damage (Supplement to NLB 6).

- 2015 Nuclear Liability and Compensation Act (NLB 95, p. 95).

#### **Nuclear security**

- 1983 Physical Security Regulations (Supplement to NLB 31).

#### **Organisation and structure**

- 1977 Nuclear Control and Administration Bill (Supplement to NLB 21).
- 1997 Nuclear Safety and Control Act (Supplement to NLB 60).

#### **Agreements**

- 1987 Agreement with Switzerland for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 69).
- 1988 Agreement with Hungary on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 60).

## **China (People's Republic of)**

#### **Legislative and regulatory activities**

##### **Liability and compensation**

- 2007 Official Reply of the State Council to Questions on the Liabilities of Compensation for Damages Resulting from Nuclear Accidents (NLB 80, p. 103).

##### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 2017 Nuclear Safety Law of the People's Republic of China (NLB 100, p. 119).

#### **Agreements**

- 1985 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 48).

## **Croatia**

#### **Legislative and regulatory activities**

##### **General legislation, regulations and instruments**

- 2003 Act on Nuclear Safety (Supplement to NLB 73).

**Liability and compensation**

- 1998 Act on Liability for Nuclear Damage (Supplement to NLB 63).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1999 Act on Protection against Ionising Radiation (Supplement to NLB 65).

## **Czech Republic**

**Legislative and regulatory activities**

**General legislation, regulations and instruments**

- 1997 Act on the Peaceful Uses of Nuclear Energy and Ionising Radiation (Supplement to NLB 61).

## **Democratic People's Republic of Korea**

**Agreements**

- 1994 Framework Agreement with the United States (NLB 54, p. 74).

## **Denmark**

**Legislative and regulatory activities**

**Liability and compensation**

- 1970 Bill on Nuclear Installations (Supplement to NLB 6).
- 1974 Act concerning Compensation for Nuclear Damage (NLB 15, p. 33).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1963 Regulation on Protective Measures against Accidents in Nuclear Plants, as amended in 1974 (NLB 19, p. 35).

**Organisation and structure**

- 1976 Act on Energy Policy Measures (NLB 17, p. 31).

**Agreements**

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).
- 1987 Agreement with Poland concerning the Exchange of Information and Co-operation in the Field of Nuclear Energy Safety and Radiation Protection (NLB 41, p. 49).

**Egypt****Agreements**

- 1984 Agreement with Belgium for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 52).

**Estonia****Legislative and regulatory activities*****Nuclear safety and radiological protection (including nuclear emergency planning)***

- 1997 Radiation Act (Supplement to NLB 61).
- 2004 Radiation Act (Supplement to NLB 76).

**Finland****Legislative and regulatory activities*****General legislation, regulations and instruments***

- 1957 Atomic Energy Act, as amended in 1973 (NLB 11, p. 46).
- 1987 Nuclear Energy Act (Supplement to NLB 41).
- 1988 Nuclear Energy Decree (Extracts) (NLB 43, p. 104).

***Liability and compensation***

- 1971 Draft Nuclear Liability Act (Supplement to NLB 8).

- 1972 Nuclear Liability Act (Supplement to NLB 19), as amended in 1989 (Supplement to NLB 44).

#### **Radioactive waste management**

- 1983 Decision in Principle on Nuclear Waste Management (NLB 33, p. 42).

#### **Agreements**

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).
- 1978 Agreement with Australia concerning the Transfer of Nuclear Material (NLB 22, p. 45).
- 1987 Agreement with the USSR on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities (NLB 39, p. 54).

## **France**

### **Legislative and regulatory activities**

#### **Liability and compensation**

- 1965 Act on the Third Party Liability of Operators of Nuclear Ships, as amended in 1968 (NLB 3, p. 45).
- 1968 Act on Third Party Liability in the Field of Nuclear Energy (NLB 2, p. 52), as amended in 1990 (Supplement to NLB 46).

#### **Nuclear installations**

- 1963 Decree concerning Nuclear Installations, as amended in 1973 (Supplement to NLB 12).
- 1966 and 1967 Orders defining Nuclear Installations (NLB 1, p. 35).
- 1967 Decree revising the Nomenclature of Dangerous, Unhealthy or Noxious Establishments (NLB 1, p. 39).
- 1984 Order and Circular on Design Quality, Construction and Operation of Major Nuclear Installations (NLB 35, p. 60).

#### **Organisation and structure**

- 1970 Decree redefining the Duties and the Organisation of the Atomic Energy Commission (NLB 6, p. 54), as amended in 1981 (NLB 28, p. 48).
- 1992 Decree on ANDRA (NLB 51, p. 96).

#### **Radioactive materials (including physical protection)**

- 1980 Act on Protection and Control of Nuclear Materials (NLB 26, p. 41).

**Radioactive waste management**

- 1991 Act on Radioactive Waste Management (NLB 49, p. 86).

**Agreements**

- 2000 Agreement with the Russian Federation on Third Party Liability for Nuclear Damage Caused in Connection with Deliveries from the French Republic for Nuclear Installations in the Russian Federation (NLB 66, p. 76).
- 2013 France and the United States Joint Statement on Liability for Nuclear Damage (NLB 92, p. 207).
- 2013 Franco-Russian Nuclear Power Declaration (NLB 92, p. 209).

**Germany****Legislative and regulatory activities****General legislation, regulations and instruments**

- 1959 Act on the Peaceful Uses of Atomic Energy and Protection against its Hazards (Supplement to NLB 4), as amended in 1975 (Supplement to NLB 15), 1976 (Supplement to NLB 18), 1985 (Supplement to NLB 36), 2002 (Supplement to NLB 70), 2011 (NLB 89, p. 169) and 2018 (NLB 101, p. 105).

**Liability and compensation**

- 1976 Nuclear Financial Security Ordinance (Supplement to NLB 18).

**Nuclear installations**

- 1977 Ordinance concerning the Procedure for Licensing Nuclear Installations (Supplement to NLB 19), as amended in 1982 (Supplement to NLB 30).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1973 Ordinance concerning Protection from Damage by X-rays (Supplement to NLB 12).
- 1986 Preventive Radiation Protection Act (NLB 39, p. 43).

**Radioactive waste management**

- 1982 Ordinance on Advance Financial Contributions towards Construction of Federal Installations for Safe Containment and Disposal of Radioactive Waste (NLB 30, p. 41).

**Agreements**

- 1968 Agreement with the Netherlands on the Use of Dutch Coastal Waters and Ports by the Nuclear Ship Otto Hahn (NLB 3, p. 50).

- 1970 Co-operation Agreement with the Netherlands and the United Kingdom on the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 41).
- 1971 Agreement with Argentina on the Entry of Nuclear Ships into Argentine Waters and their Stay in Argentine Ports (NLB 10, p. 37).
- 1975 Agreement with Brazil on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 43).
- 1978 Agreement with Switzerland on Radiation Protection in Case of Emergency (NLB 22, p. 51).
- 1986 Agreement with Switzerland on Third Party Liability in the Nuclear Field (NLB 39, p. 51).
- 1998 Agreement with the Russian Federation on Nuclear Liability in connection with Deliveries from Germany for Nuclear Installations in the Russian Federation (NLB 63, p. 105).

## **Greece**

### **Legislative and regulatory activities**

#### ***Nuclear installations***

- 1971 Decree-Law concerning the Conditions for Construction and Operation of Nuclear Installations (NLB 8, p. 36).

#### ***Organisation and structure***

- 1968 Mandatory Act on the Reorganisation of the Greek Atomic Energy Commission (Supplement to NLB 2).
- 1985 Act on Development of Scientific and Technological Research (Extracts) (NLB 37, p. 48).

## **Hungary**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1996 Atomic Energy Act (Supplement to NLB 60).

#### ***Agreements***

- 1988 Agreement with Canada on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 60).

## Iceland

### Legislative and regulatory activities

#### *Nuclear safety and radiological protection (including physical protection)*

- 2002 Act on Radiation Protection (Supplement to NLB 74).

## India

### Legislative and regulatory activities

#### *Liability and compensation*

- 2010 The Civil Liability for Nuclear Damage Act. Bill as passed by Lok Sabha on 25 August 2010 (NLB 88, p. 145).
- 2010 The Civil Liability for Nuclear Damage Act, No. 38 of 2010, 21 September 2010 (NLB 91, p. 145).
- 2011 Civil Liability for Nuclear Damage Rules (NLB 88, p. 163).
- 2016 The Atomic Energy (Amendment) Act, 2015 (NLB 97, p. 106).

### Agreements

- 2005 Joint Statement Between President George W. Bush and Prime Minister Manmohan Singh (NLB 82, p. 29).
- 2005 Implementation of the India-United States Joint Statement of July 18, 2005: India's Separation Plan (NLB 82, p. 33).
- 2007 Agreement for Cooperation with the Government of the United States of America Concerning Peaceful Uses of Nuclear Energy (NLB 82, p.41).
- 2008 Agreement between the Government of India and the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).
- 2008 Agreement with the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).

## Ireland

### Legislative and regulatory activities

#### **Organisation and structure**

- 1971 Act establishing a Nuclear Energy Board (NLB 8, p. 39).

## Italy

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1962 Act on the Peaceful Uses of Nuclear Energy, as amended in 1975 (Supplement to NLB 16).
- 2009 Law No. 99 of 23 July 2009 (NLB 84, p. 149).

#### **Nuclear installations**

- 2010 Decree setting out rules for the siting, construction and operation of nuclear installations (NLB 85, p. 113).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1971 Decree determining the Values of the Maximum Permissible Doses and Concentrations (NLB 7, p. 47).
- 1995 Decree on the Transposition of the Euratom Directives on Radiation Protection (Supplement to NLB 58).

#### **Organisation and structure**

- 1971 Act concerning the Reorganisation of the National Committee for Nuclear Energy (NLB 9, p. 37), as amended in 1982 (Supplement to NLB 30).

#### **Radioactive materials (including physical protection)**

- 1969 Bill amending the 1962 Act on the Peaceful Uses of Nuclear Energy (NLB 4, p. 10).
- 1970 Decree on Exemptions from the Notification and from the Authorisation Requirements (NLB 8, p. 49).

## Japan

### Legislative and regulatory activities

#### *Liability and compensation*

- 1961 Law on Compensation for Nuclear Damage, as amended in 1971 (Supplement to NLB 9) and 1989 (Supplement to NLB 45) and its 1962 Enforcing Ordinance, as amended in 1989 (Supplement to NLB 45).
- 1961 Law on the Indemnity Agreement for Compensation of Nuclear Damage, as amended in 1971 (Supplement to NLB 11) and 1988 (Supplement to NLB 45).
- 2009 Act on Compensation for Nuclear Damage (NLB 84, p. 159).
- 2009 Act on Indemnity Agreements for Compensation of Nuclear Damage (NLB 84, p. 171).
- 2009 Order for the Execution of the Act on Compensation for Nuclear Damage (NLB 84, p. 177).
- 2009 Order for the Execution of the Act on Indemnity Agreements for Compensation of Nuclear Damage (NLB 84, p. 183).
- 2013 Third Supplement to Interim Guidelines on Determination of the Scope of Nuclear Damage resulting from the Accident at the Tokyo Electric Power Company Fukushima Daiichi and Daini Nuclear Power Plants (concerning Damages relating to Rumour-Related Damage in the Agriculture, Forestry, Fishery and Food Industries) (NLB 92, p. 197).
- 2013 Q&A on Third Supplement to the Interim Guidelines: Contents (NLB 92, p. 201).
- 2013 Outline of the “Third Supplement to Interim Guidelines on Determination of the Scope of Nuclear Damage resulting from the Accident at the Tokyo Electric Power Company Fukushima Daiichi and Daini Nuclear Power Plants (concerning Damages related to Rumour-Related Damage in the Agriculture, Forestry, Fishery and Food Industries)” (NLB 92, p. 205).
- 2013 Act Concerning Exceptions to Interruption of Prescription Pertaining to Use of Settlement Mediation Procedures by the Dispute Reconciliation Committee for Nuclear Damage Compensation in relation to Nuclear Damage Compensation Disputes pertaining to the Great East Japan Earthquake (NLB 94, p. 147).
- 2013 Act Concerning Measures to Achieve Prompt and Assured Compensation for Nuclear Damage Arising from the Nuclear Plant Accident following the Great East Japan Earthquake and Exceptions to the Extinctive Prescription, etc. of the Right to Claim Compensation for Nuclear Damage (NLB 94, p. 148).
- 2013 Fourth Supplement to Interim Guidelines on Determination of the Scope of Nuclear Damage resulting from the Accident at the Tokyo Electric Power Company Fukushima Daiichi and Daini Nuclear Power Plants (Concerning Damages Associated with the Prolongation of Evacuation Orders, etc.) (NLB 94, p. 149).
- 2013 Outline of “Fourth Supplement to Interim Guidelines (Concerning Damages Associated with the Prolongation of Evacuation Orders, etc.)” (NLB 94, p. 156).
- 2015 Act on Compensation for Nuclear Damage (Act No. 147 of 1961) As Amended by Act No. 134 of 2014 (NLB 95, p. 119).

- 2015 Act on Indemnity Agreements for Compensation for Nuclear damage (Act No. 148 of 1961) As amended by Act No. 134 of 2014 (NLB 95, p. 131).
- 2016 Act on Subsidisation, etc. for Nuclear Damage Compensation Funds following the implementation of the Convention on Supplementary Compensation for Nuclear Damage (NLB 97, p. 109).

#### **Organisation and structure**

- 2012 Act for Establishment of a Nuclear Regulation Authority (Act No. 47) (NLB 90, p. 217).

## **Korea**

### **Legislative and regulatory activities**

#### **Liability and compensation**

- 2001 Act on Compensation for Nuclear Damage (Supplement to NLB 68).

#### **Organisation and structure**

- 2011 Act on Establishment and Operation of Nuclear Safety Commission (NLB 88, p. 173).

#### **Radioactive waste management**

- 2009 Radioactive Waste Management (NLB 83, p. 117).

## **Latvia**

### **Legislative and regulatory activities**

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1994 Act on Radiation Protection and Nuclear Safety (Supplement to NLB 55).
- 2000 Act on Radiation Safety and Nuclear Safety (Supplement to NLB 67).

## Lithuania

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1996 Law on Nuclear Energy (Supplement to NLB 60).
- 2007 Law on the Nuclear Power Plant (NLB 80, p. 93)

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1999 Law on Radiation Protection (Supplement to NLB 64).

#### *Radioactive waste management*

- 1999 Law on the Management of Radioactive Waste (Supplement to NLB 64).

## Luxembourg

### Legislative and regulatory activities

#### *Liability and compensation*

- Law of 6 July 2020 on third-party liability for damage related to a nuclear incident and amending (1) the Law of 20 April 2009 on environmental liability with regard to the prevention and remediation of environmental damage, as amended; and (2) the Law of 21 April 1989 on civil liability for defective products, as amended (NLB 105, p. 109).

## Mexico

### Legislative and regulatory activities

#### *Organisation and structure*

- 1978 Act reorganising the Administration and Control of Nuclear Energy (Supplement to NLB 23).

## **Moldova**

### **Legislative and regulatory activities**

#### ***Nuclear safety and radiological protection (including emergency planning)***

- 2012 Law No. 132 of 8 June 2012 on the safe conduct of nuclear and radiological activities (NLB 91, p. 161).

## **Morocco**

### **Legislative and regulatory activities**

#### ***Liability and compensation***

- 2005 Act on Civil Liability for Nuclear Damage (NLB 75, p. 141).

## **Netherlands**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1969 Decree on Nuclear Installations, Fissionable Materials and Ores, as amended in 1972 (Supplement to NLB 10).

#### ***Liability and compensation***

- 1979 Act on Nuclear Third Party Liability (Supplement to NLB 24), as amended in 1991 (Supplement to NLB 49).

#### ***Nuclear-powered ships***

- 1971 Bill on the Liability of Operators of Nuclear Ships (Supplement to NLB 7).

### **Agreements**

- 1968 Agreement with the Federal Republic of Germany on the Use of Dutch Coastal Waters and Ports by the Nuclear Ship Otto Hahn (NLB 3, p. 50).
- 1970 Co-operation Agreement with the Federal Republic of Germany and the United Kingdom on the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 41).

## Norway

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1968 Draft Law on Uses of Atomic Energy (Supplement to NLB 1).
- 1972 Act concerning Nuclear Energy Activities (Supplement to NLB 11), as amended in 1985 (Supplement to NLB 41).

#### *Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1976 Regulations on Supervision and Use of Installations, Apparatus, Material and Substances Emitting Ionising or Other Radiation Hazardous to Health (NLB 21, p. 54).
- 2000 Act on Radiation Protection and Use of Radiation (Supplement to NLB 68).

#### *Organisation and structure*

- 1973 Regulations concerning the Organisation and Functions of the Nuclear Safety Authority (NLB 13, p. 36).

### Agreements

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).

## Poland

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1986 Atomic Energy Act (Supplement to NLB 43).
- 2000 Atomic Energy Act (Supplement to NLB 68).

### Agreements

- 1987 Agreement with Denmark concerning the Exchange of Information and Co-operation in the Field of Nuclear Energy Safety and Radiation Protection (NLB 41, p. 49).

## Portugal

### Legislative and regulatory activities

#### *Licensing and regulatory infrastructure*

- 1972 Decree-Law on the Procedure for the Licensing of Nuclear Installations (NLB 12, p. 25).

## Romania

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1996 Law on the Safe Conduct of Nuclear Activities (Supplement to NLB 59).

#### *Liability and compensation*

- 2001 Law on Civil Liability for Nuclear Damage (Supplement to NLB 69).

## Russian Federation

### Legislative and regulatory activities

#### *General legislation, regulations and instruments*

- 1995 Federal Law No. 170 on the Use of Atomic Energy (Supplement to NLB 57); consolidated text as amended through 2013 (NLB 92, p. 153).

#### *Radioactive waste management*

- 2011 Federal Law on the Management of Radioactive Wastes and amendments to certain legislative acts of the Russian Federation (NLB 88, p. 181).

### Agreements

- 1976 Treaty with the United States on Underground Nuclear Explosions for Peaceful Purposes (NLB 18, p. 49).
- 1987 Agreement with Finland on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities (NLB 39, p. 54).
- 1996 Moscow Nuclear Safety and Security Summit Declaration (NLB 57, p. 109).
- 1998 Agreement with Germany on Nuclear Liability in connection with Deliveries from Germany for Nuclear Installations in the Russian Federation (NLB 63, p. 105).

- 2000 Agreement with France on Third Party Liability for Nuclear Damage Caused in Connection with Deliveries from the French Republic for Nuclear Installations in the Russian Federation (NLB 66, p. 76).
- 2013 Franco-Russian Nuclear Power Declaration (NLB 92, p. 209).

## **Slovak Republic**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1998 Law on the Peaceful Use of Nuclear Energy (Supplement to NLB 62).

#### ***Liability and compensation***

- 2015 Act on Civil Liability for Nuclear Damage and on its Financial Coverage and on Changes and Amendments to Certain Laws (NLB 95, p. 133).

## **Spain**

### **Legislative and regulatory activities**

#### ***Organisation and structure***

- 1980 Act setting up a Nuclear Safety Council (NLB 25, p. 44).
- 2007 Act Creating the Nuclear Safety Council, consolidated text (NLB 82, p. 169).

## **Sweden**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 1984 Act and Ordinance on Nuclear Activities (Supplement to NLB 33).

#### ***Liability and compensation***

- 1968 Nuclear Liability Act (Supplement to NLB 2), as amended in 1982 (Supplement to NLB 33).
- 1974 Amendment of the 1968 Nuclear Liability Act (NLB 19, p. 40).

### **Nuclear installations**

- 1977 Act on Special Permits to Load Nuclear Reactors with Nuclear Fuel (NLB 20, p. 44).

### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1958 Act on Protection against Radiation, as amended in 1973 (NLB 14, p. 45).
- 1988 Radiation Protection Act and Ordinance (Supplement to NLB 42).
- 2011 The Swedish Radiation Safety Authority's regulations concerning clearance of materials, rooms, buildings and land in practices involving ionising radiation (NLB 89, p. 217).
- 2011 The Swedish Radiation Safety Authority's general advice on the application of the regulations concerning clearance of materials, rooms, buildings and land in practices involving ionising radiation (NLB 89, p. 229).

### **Radioactive waste management**

- 1981 Act on Financing Future Expenditure for Spent Nuclear Fuel etc. (NLB 29, p. 43).
- 1981 Ordinance on Financing Future Expenditure for Spent Nuclear Fuel etc. (NLB 30, p. 45).

### **Agreements**

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).

## **Switzerland**

### **Legislative and regulatory activities**

#### **General legislation, regulations and instruments**

- 2003 Act on Nuclear Energy (Supplement to NLB 72).

#### **Liability and compensation**

- 1983 Act on Nuclear Third Party Liability (Supplement to NLB 32).

#### **Nuclear installations**

- 1977 Draft Federal Order concerning the 1959 Atomic Energy Act (NLB 20, p. 45).
- 1978 Federal Order concerning the 1959 Atomic Energy Act (NLB 23, p. 57).

#### **Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1969 Order on Radiation Protection in Nuclear Research Institutes (NLB 4, p. 31).
- 1991 Act and 1994 Ordinance on Radiological Protection (Supplement to NLB 57).

## **Agreements**

- 1978 Agreement with the Federal Republic of Germany on Radiation Protection in Case of Emergency (NLB 22, p. 51).
- 1986 Agreement with the Federal Republic of Germany on Third Party Liability in the Nuclear Field (NLB 39, p. 51).
- 1987 Agreement with Canada for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 69).

## **Chinese Taipei**

### **Legislative and regulatory activities**

#### ***Liability and compensation***

- 1971 Law on Compensation for Nuclear Damage, as amended in 1997 (NLB 64, p. 77).
- 1998 Enforcement Rules of Nuclear Damage Compensation Law (NLB 64, p. 85).
- 1998 Announcement of the Atomic Energy Council of the Executive Yuan (NLB 64, p. 89).

## **Türkiye**

### **Legislative and regulatory activities**

#### ***General legislation, regulations and instruments***

- 2007 Unofficial Translation of the Turkish Law No. 5710 Concerning the Construction and Operation of Nuclear Power Plants and the Sale of Energy Generated from Those Plants (NLB 80, p. 105).
- 2022 Nuclear Regulatory Law No. 7381 (NLB 110, p. 87).
- 2022 Presidential Decree No. 95 on Organisation and Duties of the Nuclear Regulatory Authority (NLB 110, p. 108).

#### ***Liability and compensation***

- 2022 Nuclear Regulatory Law No. 7381, Civil Liability Regarding Nuclear Damage (NLB 108/109, p. 139).

## Ukraine

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1995 Law on the Use of Nuclear Energy and Radiation Safety (Supplement to NLB 56).

#### **Liability and compensation**

- 2001 Law on Civil Liability for Nuclear Damage and its Financial Security (Supplement to NLB 69).

#### **Licensing and regulatory infrastructure**

- 2000 Law on the Licensing of Activities in the Field of Nuclear Energy (Supplement to NLB 66).

### Agreements

- 1995 Memorandum of Understanding with the Governments of the G7 Countries and the European Commission on the Closure of the Chernobyl Nuclear Power Plant (NLB 57, p. 107).

## United Arab Emirates

### Legislative and regulatory activities

#### **Liability and compensation**

- 2012 Federal Law by Decree No. 4 concerning civil liability for nuclear damage (NLB 91, p. 137).
- 2014 Federal Decree No. 51 Ratifying the Convention on Supplementary Compensation for Nuclear Damage (NLB 94, p. 171).

## United Kingdom

### Legislative and regulatory activities

#### **General legislation, regulations and instruments**

- 1965 Nuclear Installations Act (Supplement to NLB 1), as amended in 1984 (Supplement to NLB 33).

**Organisation and structure**

- 1971 Atomic Energy Authority Act (Extracts) (NLB 11, p. 51).

**Agreements**

- 1970 Co-operation Agreement with the Federal Republic of Germany and the Netherlands on the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 41).

**United States****Legislative and regulatory activities****General legislation, regulations and instruments**

- 1954 Section 123 of the US Atomic Energy Act (NLB 82, p. 87).

**Liability and compensation**

- 1959 Price-Anderson Act, as amended in 1975 (Supplement to NLB 17) and 1988 (Supplement to NLB 42).

**Agreements**

- 1976 Treaty with the USSR on Underground Nuclear Explosions for Peaceful Purposes (NLB 18, p. 49).
- 1985 Agreement with the People's Republic of China on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 48).
- 1994 Framework Agreement with the Democratic People's Republic of Korea (NLB 54, p. 74).
- 1995 Agreement with Euratom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 57, p. 99).
- 2005 Joint Statement Between President George W. Bush and Prime Minister Manmohan Singh (NLB 82, p. 29).
- 2005 Implementation of the India-United States Joint Statement of July 18, 2005: India's Separation Plan (NLB 82, p. 33).
- 2007 Agreement for Cooperation with the Government of India Concerning Peaceful Uses of Nuclear Energy (NLB 82, p.41).
- 2013 France and the United States Joint Statement on Liability for Nuclear Damage (NLB 92, p. 207).

## Uruguay

### Legislative and regulatory activities

#### ***Nuclear safety and radiological protection (including nuclear emergency planning)***

- 2013 Law No. 19.056 On the Radiological Protection and Safety of Persons, Property and the Environment (NLB 92, p. 191).

## (Former) Yugoslavia

### Legislative and regulatory activities

#### ***General legislation, regulations and instruments***

- 1984 Act on Protection against Ionising Radiation and Special Safety Measures in the Use of Nuclear Energy (Supplement to NLB 36).

#### ***Liability and compensation***

- 1978 Act on Liability for Nuclear Damage (Supplement to NLB 23).

## INTERNATIONAL ORGANISATIONS

### Council of Europe

- 1988 Recommendation of the Parliamentary Assembly concerning Nuclear Accidents (NLB 41, p. 66).

### European Union (EURATOM)

- 1978 Council Decision on the Establishment of the Joint European Torus (JET), Joint Undertaking, including Statutes of Project (Supplement to NLB 22).
- 1986 Regulation (EEC) No. 1707/86 on the conditions governing imports of agricultural products originating in third countries following the accident at the Chernobyl Nuclear Power Plant (NLB 38, p. 67). Extended by 1987 Regulations Nos. 624/87 and 3955/87. Text of Regulation No. 3955/87 (NLB 41, p. 59). 1990 Regulation (EEC) No. 737/90 on the same topic (NLB 45, p. 95).
- 1987 Council Regulation laying down Maximum Permitted Levels of Radioactive Contamination of Foodstuffs and of Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 41, p. 54). 1989 Amendment (NLB 44, p. 83). 1990 Regulation on the same topic (NLB 45, p. 99).
- 1987 Council Decision on Community Arrangements for the Early Exchange of Information in the Event of a Radiological Emergency (NLB 41, p. 62).
- 1987 Resolution adopted by the European Parliament on the future of nuclear energy (Doc A2-1/87) (NLB 40, p. 32).
- 1987 Resolution adopted by the European Parliament on the problem of contamination of foodstuffs following the Chernobyl disaster (Doc A2-5/87) (NLB 40, p. 35).
- 1987 Resolution adopted by the European Parliament on the reaction of the Community to Chernobyl (Doc A2-4/87) (NLB 40, p. 38).
- 1989 Council Regulation on the Special Conditions for Exporting Foodstuffs and Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 44, p. 85).
- 1989 Commission Regulation laying down Maximum Permitted Levels of Radioactive Contamination in Minor Foodstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 44, p. 87).

- 1989 Council Directive on Informing the General Public about Health Protection Measures to be Applied and Steps to be Taken in the Event of a Radiological Emergency (NLB 45, p. 88). 1991 Commission Communication on the Directive (NLB 48, p. 72).
- 1990 Commission Regulation laying down Maximum Permitted Levels of Radioactive Contamination of Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 45, p. 99).
- 1991 Commission Recommendation on the Application of Article 33 of the Euratom Treaty (NLB 49, p. 99).
- 1992 Council Directive 92/3/Euratom of 3 February 1992 on the Supervision and Control of Shipments of Radioactive Waste between Member States and Into and Out of the Community (NLB 49, p. 90).
- 1996 Extracts of The Agreement for Cooperation in the Peaceful Uses of Nuclear Energy Between the European Atomic Energy Community and the United States of America (29 March 1996) (NLB 57, p. 99).
- 2011 Council Directive 2011/70/EURATOM of 19 July 2011 establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste (NLB 88, p. 131).

### **International Atomic Energy Agency (IAEA)**

- 1978 Guidelines for Nuclear Transfers (NLB 21, p. 57).
- 1984 Declaration of Common Policy by the Member States of the European Community (NLB 35, p. 81).
- 1984 Vienna Convention on Civil Liability for Nuclear Damage (NLB 34, p. 51).
- 1987 Regional Co-operative Agreement for Research, Development and Training related to Nuclear Science and Technology (NLB 41, p. 71).
- 1991 Resolution of the IAEA Board of Governors on the Non-compliance of Iraq with the IAEA Safeguards Agreement (NLB 48, p. 71).
- 1994 Draft Nuclear Safety Convention (NLB 53, p. 119).
- 2004 IAEA Code of Conduct on the Safety of Research Reactors (NLB 75, p. 151).
- 2008 Agreement between the Government of India and the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).
- 2012 International Expert Group on Nuclear Liability (INLEX) Recommendations (NLB 90, p. 269).

## **Nuclear Energy Agency (NEA)**

- 1968 Model certificate of financial security for the carriage of nuclear substances (NLB 2, p. 64).
- 1972 Model for bilateral agreements for visits of nuclear ships (NLB 12, p. 31).
- 1977 Decision of the OECD Council establishing a Multilateral Consultation and Surveillance Mechanism for Sea Dumping of Radioactive Waste (NLB 20, p. 37).
- 2004 Recommendation on the application of the reciprocity principle to nuclear damage compensation funds (NLB 104, p. 81).
- 2014 Decision and Recommendation of the Steering Committee Concerning the Application of the Paris Convention to Nuclear Installations in the Process of Being Decommissioned (NLB 94, p. 159).
- 2014 Joint Declaration on the Security of Supply of Medical Radioisotopes (NLB 94, p. 169).
- 2016 Exposé des motifs of the Paris Convention as amended by the Protocols of 1964, 1982 and 2004 (NLB 104, p. 37).
- 2016 Exposé des Motifs of the Brussels Supplementary Convention as amended by the Protocols of 1964, 1982 and 2004 (NLB 104, p. 67).

## **Nuclear Power Plant Exporters (Carnegie Principles)**

- 2012 Nuclear Power Plant Exporters' Principles of Conduct (NLB 90, p. 257).

## **Nuclear Suppliers Group (NSG)**

- 1992 Statement on Full Scope Safeguards (NLB 50, p. 86).
- 2008 Nuclear Suppliers Group's Statement on Civil Nuclear Cooperation with India (NLB 82, p. 83).

## **United Nations**

### **Legislative and regulatory activities**

- 1992 General Assembly Resolution and Principles relevant to the Use of Nuclear Power Sources in Outer Space (NLB 52, p. 84).

- 2004 UN Security Council Resolution 1540 (NLB 75, p. 161).
- 2005 International Convention for the Suppression of Acts of Nuclear Terrorism (NLB 76, p. 103).

## MULTILATERAL AGREEMENTS

- 1971 Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 9, p. 47).
- 1976 Guidelines for Nordic Co-operation concerning Nuclear Installations in the Border Areas between Denmark, Finland, Norway and Sweden in respect of Nuclear Safety Conditions (NLB 19, p. 38).
- 1979 Convention on the Physical Protection of Nuclear Material (NLB 24, p. 36). 1984 Resolution (NLB 34, p. 50).
- 1984 Resolution on the Vienna Convention on Civil Liability for Nuclear Damage (NLB 34, p. 51).
- 1985 South Pacific Nuclear Free Zone Treaty (NLB 36, p. 58).
- 1986 Convention on Early Notification of a Nuclear Accident (Supplement to NLB 38).
- 1986 Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (Supplement to NLB 38).
- 1988 Joint Protocol relating to the Application of the Vienna Convention and the Paris Convention (NLB 42, p. 56).
- 1989 Protocol for the Protection of the South-East Pacific against Radioactive Pollution (NLB 47, p. 85).
- 1991 Joint Declaration on Co-operation in the Peaceful Use of Nuclear Energy (Belgium, France, Germany, United Kingdom) (NLB 47, p. 83).
- 1991 Declaration of the Commonwealth of Independent States on Nuclear Arms (NLB 49, p. 102).
- 1994 Draft Convention on Nuclear Safety (NLB 53, p. 119). 1999 Summary Report from the First Review Meeting (NLB 63, p. 97).
- 1995 Decisions and Resolutions of the General Conference of the NPT (NLB 56, p. 108).
- 1996 Resolution on Liability and Compensation for Damage Occurring during the Transport of Radioactive Materials (NLB 58, p. 169).
- 1996 Comprehensive Nuclear Test Ban Treaty (NLB 58, p. 139).
- 1999 Declaration of Principles regarding a Multilateral Nuclear Environmental Programme in the Russian Federation (NLB 63, p. 95).
- 2000 Code of Conduct on the Safety and Security of Radioactive Sources (NLB 67, p. 69).
- 2003 Framework Agreement on a Multilateral Nuclear Environmental Programme in the Russian Federation and Protocol (NLB 71, p. 103).



- Paris Convention on Third Party Liability in the Field of Nuclear Energy of 29 July 1960, as Amended by the Additional Protocol of 28 January 1964, by the Protocol of 16 November 1982, and by the Protocol of 12 February 2004 (NLB Supplement 75, p. 3)
- Brussels Supplementary Convention of 31 January 1963 Supplementary to the Paris Convention of 29 July 1960 on Third Party Liability in the Field of Nuclear Energy, as Amended by the Additional Protocol of 28 January 1964, by the Protocol of 16 November 1982, and by the Protocol of 12 February 2004 (NLB Supplement 75, p. 33).