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Organisation de Coopération et de Développement Economiques  
Organisation for Economic Co-operation and Development

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English - Or. English

NUCLEAR ENERGY AGENCY  
RADIOACTIVE WASTE MANAGEMENT COMMITTEE

**Integration Group for the Safety Case (IGSC)**

**LIST OF NEA/IGSC DOCUMENTS PUBLISHED SINCE 2000 IN THE AREA OF REPOSITORY DEVELOPMENT**

*This document presents the list of IGSC (Integration Group for the Safety Case) that have been published since its launching in 2000.*

*This document consists of two parts:*

- The first part lists the published reports per main activity of the IGSC.*
- The second part lists the published reports per year.*

*This document will be regularly updated.*

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## PART 1

REPORTS PER MAIN ACTIVITY SINCE 2000  
AT THE DATE OF OCTOBER 2005[[www.nea.fr/html/rwm/igsc.html](http://www.nea.fr/html/rwm/igsc.html)]

## SAFETY CASE

Document Type	Titles	NEA References
Proceedings <i>For Sale</i>	Gas Generation and Migration in Radioactive Waste Disposal : Safety-relevant Issues – Workshop Proceedings, Reims, France 26-28 June 2000	ISBN 92 64 18672-7 <a href="http://www.oecdbookshop.org/oecd/display.asp?TAG=X2PAO8XX5X197X286EVH6Q&amp;CID=&amp;LANG=EN&amp;SF1=DI&amp;ST1=5LMQCR2KD8WB">www.oecdbookshop.org/oecd/display.asp?TAG=X2PAO8XX5X197X286EVH6Q&amp;CID=&amp;LANG=EN&amp;SF1=DI&amp;ST1=5LMQCR2KD8WB</a>
Proceedings <i>For Sale</i>	Scenario developments Methods and Practice An Evaluation Based on the NEA Workshop on Scenario Development – Madrid, Spain May 1999	ISBN 92 64 18722-7 <a href="http://www.oecdbookshop.org/oecd/display.asp?TAG=X2PAO8XX5X197X286EVH6Q&amp;CID=&amp;LANG=EN&amp;SF1=DI&amp;ST1=5LMQCR2KD8D8">www.oecdbookshop.org/oecd/display.asp?TAG=X2PAO8XX5X197X286EVH6Q&amp;CID=&amp;LANG=EN&amp;SF1=DI&amp;ST1=5LMQCR2KD8D8</a>
Proceedings GD <i>Free</i>	3 <sup>rd</sup> IGSC Topical Session on “Safety Case”	NEA/RWM/IGSC(2002)1 <a href="http://www.nea.fr/html/rwm/docs/2002/rwm-igsc2002-1.pdf">www.nea.fr/html/rwm/docs/2002/rwm-igsc2002-1.pdf</a>
Proceedings GD <i>Free</i>	3 <sup>rd</sup> IGSC Topical Session on “The Role of the Biosphere in a Safety Case”	NEA/RWM/IGSC(2002)2 <a href="http://www.nea.fr/html/rwm/docs/2002/rwm-igsc2002-2.pdf">www.nea.fr/html/rwm/docs/2002/rwm-igsc2002-2.pdf</a>
Report EN/FR <i>For Sale</i>	Establishing and Communicating Confidence in the Safety of Deep Geologic Disposal Établir et faire partager la confiance dans la sûreté des dépôts en grande profondeur	ISBN 92 64 09782-1 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662002093P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662002093P1</a>
Proceedings <i>Free</i>	The Handling of Timescales in Assessing Post-closure Safety of Deep Geological Repositories – Workshop Proceedings, Paris, France, 16-18 April 2002	ISBN 92 64 09911-5 <a href="http://www.nea.fr/html/rwm/reports/2004/nea4435-timescales.pdf">www.nea.fr/html/rwm/reports/2004/nea4435-timescales.pdf</a>
Proceedings <i>Free</i>	Gestion des échelles de temps dans l'évaluation de la sûreté en phase post-fermeture - Enseignements tirés de l'atelier d'avril 2002 à Paris, France	ISBN 92-64-02162-0 <a href="http://www.nea.fr/html/rwm/reports/2004/nea5148-echelles.pdf">www.nea.fr/html/rwm/reports/2004/nea5148-echelles.pdf</a>
Proceedings GD <i>Free</i>	4 <sup>th</sup> IGSC Topical Session on “The Potential Impacts on Repository Safety from Potential Partitioning and Transmutation Programme”	NEA/RWM/IGSC(2003)2 <a href="http://www.nea.fr/html/rwm/docs/2003/rwm-igsc2003-2.pdf">www.nea.fr/html/rwm/docs/2003/rwm-igsc2003-2.pdf</a>

Brochure <i>For Sale</i>	The Handling of Timescales in Assessing Post-closure safety , Lessons learnt from the April 2002 Workshop in Paris, France	ISBN 92 6402161 2 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662002181P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662002181P1</a>
Proceedings GD <i>Free</i>	5 <sup>th</sup> IGSC Topical Session on “Observations regarding the Safety Case in Recent Safety Assessments Studies”	NEA/RWM/IGSC(2004)3 <a href="http://www.nea.fr/html/rwm/docs/2004/rwm-igsc2004-3.pdf">www.nea.fr/html/rwm/docs/2004/rwm-igsc2004-3.pdf</a>
Brochure <i>Free</i>	Post-closure safety case for geological repositories: nature and purpose	ISBN 92 64 02075 6 <a href="http://www.nea.fr/html/rwm/reports/2004/nea3679-closure.pdf">www.nea.fr/html/rwm/reports/2004/nea3679-closure.pdf</a>
Proceeding <i>Free</i>	Dossier de sûreté post-fermeture d’un dépôt en formation géologique : nature et finalité	<a href="http://www.nea.fr/html/rwm/reports/2004/nea3680-fermeture.pdf">www.nea.fr/html/rwm/reports/2004/nea3680-fermeture.pdf</a>
Proceedings <i>For Sale</i>	Management of uncertainties: role of the risk: Workshop Proceedings, Stockholm, Sweden 2-4 February 2004	ISBN 92-64-00878-0 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005031P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005031P1</a>
Proceedings GD <i>Free</i>	6 <sup>th</sup> IGSC Meeting; Topical Session on “Role of monitoring in a Safety Case” Issy-les-Moulineaux, France, 3 November 2004	NEA-RWM-IGSC(2005)3 <i>Contact NEA Secretariat</i>

## ENGINEERED BARRIER SYSTEM

Document Type	Titles	NEA References
Report <i>Free</i>	Engineered Barrier Systems and the Safety of Deep Geological Repositories, State-of-the-art Report	ISBN 92 64 18498 8 <a href="http://www.nea.fr/html/rwm/reports/2003/nea3615-ebs.pdf">www.nea.fr/html/rwm/reports/2003/nea3615-ebs.pdf</a>
Proceedings <i>For Sale</i>	Engineered Barrier System in the Context of the Entire Safety Case - Workshop proceedings Oxford, United Kingdom, 25-27 September 2002	ISBN 92 64 10354 6 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662003201P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662003201P1</a>
Proceedings <i>Free</i>	Engineered Barrier Systems (EBS); Design requirements and constraints; Workshop proceedings, Turku, Finland 26-29 August 2003	ISBN 92-64-02068-3 <a href="http://www.nea.fr/html/rwm/reports/2004/nea4548-ebs.pdf">www.nea.fr/html/rwm/reports/2004/nea4548-ebs.pdf</a>
Proceedings <i>For Sale</i>	2 <sup>nd</sup> EBS WK: EBS in a safety case-Process issues: Workshop proceedings, Las Vegas, USA 14-17 September 2004.	ISBN 92-64-01313-X <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005131P1">http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005131P1</a>

## GEOSPHERE

Document Type	Titles	NEA References
Proceedings <i>For Sale</i>	GEOTRAP Project: Confidence in Models of radionuclide transport for site-specific assessment Workshop Proceedings, Carlsbad, New Mexico, USA 14-17 June 1999	ISBN 92 64 18620-4 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662001011P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662001011P1</a>
Proceedings <i>For Sale</i>	GEOTRAP Project: Radionuclide Retention in Geologic Media Workshop Proceedings, Oskarshamn, Sweden, 7-9 May 2001	ISBN 92 64 19695-1 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662002031P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662002031P1</a>
Synthesis Report <i>Free</i>	GEOTRAP Project: Radionuclide Migration in Geologic Heterogeneous Media, Summary of Accomplishments	ISBN 92 64 18479-1 <a href="http://www.nea.fr/html/rwm/reports/2002/nea-3058-geotrap.pdf">www.nea.fr/html/rwm/reports/2002/nea-3058-geotrap.pdf</a>
Proceedings <i>For Sale</i>	Geological disposal; building confidence using multiple lines of evidence; first amigo workshop proceedings; Yverdon-les-Bains, Switzerland; 3-5 June 2003	ISBN 92 64 010592 2 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662004051P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662004051P1</a>
Proceedings <i>For Sale</i>	Stability and Buffering Capacity of the Geosphere for Long-term Isolation of Radioactive Waste, Application to Argillaceous Media: Workshop proceedings, Braunschweig, Germany, 9-11 December 2003	ISBN 92-64-00908-6 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005051P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005051P1</a>
Report <i>Free</i>	Characterization and Representation of the Excavation Disturbed or Damaged Zone (EDZ)	NEA/RWM(2002)1 <i>Contact NEA Secretariat</i>
Proceedings GD <i>Free</i>	14 <sup>th</sup> Clay Club Meeting; Topical Session on "Organic Matters, Characterization & Evolution": Proceedings, Brussels, Belgium; 20 October 2004	NEA/RWM/CLAYCLUB(2005)1 <i>Contact NEA Secretariat</i>

## DATA PROJECTS

Document Type	Titles	NEA References
Report <i>For Sale</i>	Using Thermodynamic Sorption Models for Guiding Radioelement Distribution Coefficient (Kd) Investigations: A Status Report	ISBN 92 64 18679-4 <a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662001061P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662001061P1</a>
Proceedings GD <i>Free</i>	Self-Healing Topical Session - Proceedings, Nancy, France, 16 May 2001	NEA/RWM/CLAYCLUB(2001)5 <a href="http://www.nea.fr/html/rwm/docs/2001/rwm-clayclub2001-5.pdf">www.nea.fr/html/rwm/docs/2001/rwm-clayclub2001-5.pdf</a>
TDB reports	Chemical Thermodynamics Series Volume 4 (2001): Chemical Thermodynamics of Neptunium and Plutonium	<a href="http://www.nea.fr/html/dbtdb/info/publications/welcome.html">http://www.nea.fr/html/dbtdb/info/publications/welcome.html</a>

	<p>Chemical Thermodynamics Series Volume 5 (2003): Update on the Chemical Thermodynamics of Uranium, Neptunium, Plutonium, Americium and Technetium</p> <p>Chemical Thermodynamics Series Volume 6 (2005): Chemical Thermodynamics of Nickel</p> <p>Chemical Thermodynamics Series Volume 7 (2005): Chemical Thermodynamics of Selenium</p>	<i>Contact NEA Secretariat</i>
<p>Sorption report <i>For Sale</i></p>	NEA Sorption Project: Phase II: Interpretation and Prediction of Radionuclide Sorption onto Substrates relevant for Radioactive Waste Disposal using Thermodynamic Sorption Models	<p>ISBN 92 64 01206 0</p> <p><a href="http://www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005111P1">www.oecdbookshop.org/oecd/display.asp?sf1=identifiers&amp;st1=662005111P1</a></p>
<p>Report <i>Free</i></p>	FEPCAT PROJECT: Features, Events and Processes evaluation, catalogue for argillaceous media	<p>ISBN 92 64 02148 5</p> <p><a href="http://www.nea.fr/html/rwm/reports/2003/nea4437-FEP.pdf">www.nea.fr/html/rwm/reports/2003/nea4437-FEP.pdf</a></p>
<p>Brochure + CD-ROM <i>Free</i></p>	Catalogue of the characteristics of argillaceous rocks: Introductory brochure + specific databases in a CD-ROM (Excel versions) per formation.	<p>ISBN 92 64 01067 X</p> <p><a href="http://www.nea.fr/html/rwm/reports/2005/nea4436-argillaceous-catalogue.pdf">www.nea.fr/html/rwm/reports/2005/nea4436-argillaceous-catalogue.pdf</a></p>

## PART 2

REPORTS PER YEAR SINCE 2000  
AT THE DATE OF OCTOBER 2005**YEAR 2001**

<b>Document Type</b>	<b>Titles</b>	<b>References</b>
Proceedings <i>For Sale</i>	Gas Generation and Migration in Radioactive Waste Disposal : Safety-relevant Issues – Workshop Proceedings, Reims, France 26-28 June 2000	ISBN 92 64 18672-7
Report <i>For Sale</i>	Using Thermodynamic Sorption Models for Guiding Radioelement Distribution Coefficient (Kd) Investigations: A Status Report	ISBN 92 64 18679-4
Proceedings <i>For Sale</i>	Scenario developments Methods and Practice An Evaluation Based on the NEA Workshop on Scenario Development – Madrid, May 1999	ISBN 92 64 18722-7
Proceedings <i>For Sale</i>	GEOTRAP Project: Confidence in Models of radionuclide transport for site-specific assessment Workshop Proceedings, Carlsbad, New Mexico, USA 14-17 June 1999	ISBN 92 64 18620-4
CD-ROM	Clay Club reference list	
Proceedings GD <i>Free</i>	Self-Healing Topical Session - Proceedings, Nancy, France; 16 May 2001	NEA/RWM/CLAYCLUB(2001)5

**YEAR 2002**

<b>Document Type</b>	<b>Titles</b>	<b>References</b>
Proceedings GD <i>Free</i>	3 <sup>rd</sup> IGSC Topical Session on “Safety Case”	NEA/RWM/IGSC(2002)1
Proceedings GD <i>Free</i>	3 <sup>rd</sup> IGSC Topical Session on “The Role of the Biosphere in a Safety Case”	NEA/RWM/IGSC(2002)2
Proceedings <i>For Sale</i>	GEOTRAP Project: Radionuclide Retention in Geologic Media Workshop Proceedings, Oskarshamn, Sweden; 7-9 May 2001	ISBN 92 64 19695-1

Synthesis Report <i>Free</i>	GEOTRAP Project: Radionuclide Migration in Geologic Heterogeneous Media, Summary of Accomplishments	ISBN 92 64 18479-1
Report <i>Free</i>	Characterization and Representation of the Excavation Disturbed or Damaged Zone (EDZ)	NEA/RWM(2002)1
Report EN/FR <i>For Sale</i>	Establishing and Communicating Confidence in the Safety of Deep Geologic Disposal Établir et faire partager la confiance dans la sûreté des dépôts en grande profondeur	ISBN 92 64 09782-1
Proceedings <i>For Sale</i>	The Handling of Timescales in Assessing Post-closure Safety of Deep Geological Repositories – Workshop Proceedings, Paris, France, 16-18 April 2002	ISBN 92 64 09911-5

## YEAR 2003

Document Type	Titles	References
Proceedings GD <i>Free</i>	4 <sup>th</sup> IGSC Topical Session on “The Potential Impacts on Repository Safety from Potential Partitioning and Transmutation Programme”	NEA/RWM/IGSC(2003)2
Report <i>Free</i>	Engineered Barrier Systems and the Safety of Deep Geological Repositories State-of-the-Art Report	ISBN 92 64 18498 8
Proceedings <i>For Sale</i>	Engineered Barrier System in the Context of the Entire Safety Case. Workshop proceedings Oxford, united Kingdom, 25-27 September 2002	ISBN 92 64 10354 6
Report <i>Free</i>	FEPICAT PROJECT: features, events and Processes evaluation, catalogue for argillaceous media	ISBN 92 64 02148 5
Brochure <i>Free</i>	The Handling of Timescales in Assessing Post-closure safety, Lessons learnt from the April 2002 Workshop in Paris, France	ISBN 92 6402161 2
Proceedings GD <i>Free</i>	4 <sup>th</sup> IGSC Topical Session on “The Potential Impacts on Repository Safety from Potential Partitioning and Transmutation Programme”	NEA/RWM/IGSC(2003)2
Report	Volume 5: Update on the Chemical Thermodynamics of Uranium, Neptunium, Plutonium, Americium and Technetium	ISBN 0444 516 015 (Elsevier collection)

**YEAR 2004**

<b>Document Type</b>	<b>Titles</b>	<b>References</b>
Brochure (Fr) <i>Free</i>	Gestion des Échelles de Temps dans l'Évaluation de la Sûreté en Phase Post-Fermeture Enseignements tirés de l'atelier qui s'est tenu à Paris, France en Avril 2002	ISBN 92 64 02162-0
Proceedings GD <i>Free</i>	5 <sup>th</sup> IGSC Topical Session on "Observations regarding the Safety Case in Recent Safety Assessments Studies"	NEA/RWM/IGSC(2004)3
Proceedings <i>Free</i>	Engineered Barrier Systems (EBS); Design requirements and constraints; Workshop proceedings, Turku, Finland 26-29 August 2003	ISBN 92—64 02068 3
Proceedings <i>For Sale</i>	Geological disposal; building confidence using multiple lines of evidence; first amigo workshop proceedings; Yverdon-les-Bains; Switzerland; 3-5 June 2003	ISBN 92 64 010592 2
Brochure <i>Free</i>	Post-closure safety case for geological repositories: nature and purpose	ISBN 92 64 02075 6
Brochure <i>Free</i>	Dossier de sûreté post-fermeture d'un dépôt en formation géologique : nature et finalité	ISBN 92 64 02076 6

**YEAR 2005**

<b>Document Type</b>	<b>Titles</b>	<b>References</b>
Proceedings <i>For Sale</i>	Management of uncertainties: role of the risk: Workshop Proceedings, Stockholm, Sweden 2-4 February 2004	ISBN 92-64-00878-0
Proceedings <i>For Sale</i>	Stability and Buffering Capacity of the Geosphere for Long-term Isolation of Radioactive Waste, Application to Argillaceous Media: Workshop proceedings, Braunschweig, Germany, 9-11 December 2003	ISBN 92-64-00908-6
Proceedings GD <i>Free</i>	14 <sup>th</sup> Clay Club Meeting; Topical Session on "Organic Matters, Characterization & Evolution" Proceedings, Brussels, Belgium; 20 October 2004	NEA/RWM/CLAYCLUB(2005)1
Proceedings GD <i>Free</i>	6 <sup>th</sup> IGSC Meeting; Topical Session on "Role of monitoring in a Safety Case", Proceedings, Issy-les-Moulineaux, France 3 November 2004	NEA/RWM/IGSC(2005)3
TDB reports	Chemical Thermodynamics Series Volume 6 (2005): Chemical Thermodynamics of Nickel Chemical Thermodynamics Series Volume 7 (2005): Chemical Thermodynamics of Selenium	Please see: <a href="http://www.nea.fr/html/dbtdb/info/publications/welcome.html">http://www.nea.fr/html/dbtdb/info/publications/welcome.html</a> .

Sorption report <i>For Sale</i>	NEA Sorption Project: Phase II: Interpretation and Prediction of Radionuclide Sorption onto Substrates relevant for Radioactive Waste Disposal using Thermodynamic Sorption Models	ISBN 92 64 01206 0
Proceedings <i>For Sale</i>	2 <sup>nd</sup> EBS WK: EBS in a safety case-Process issues: Workshop proceedings, Las Vegas, USA; 14-17 September 2004.	ISBN 92-64-01313-X
Brochure + CD-ROM <i>Free</i>	Catalogue of the characteristics of argillaceous rocks: Introductory brochure + specific databases in a CD-ROM (Excel versions) per formation.	ISBN 92 64 01067 X