

The Medium and the Message: Challenges and Solutions in Selecting and Preserving Records of Radioactive Waste

NEA Expert Group on Archiving for Radioactive Waste Management Activities (EGAR)

Solna, Sweden

26-28 September 2023

Draft Programme

Nuclear Energy Agency
Organisation for Economic Co-operation and Development

General information

Location

Swedish Radiation Safety Authority (SSM)
Solna strandväg 96
171 54 Solna
Sweden

Registration

Tuesday, 26 September, from 8:00 a.m. at the Swedish Radiation Safety Authority (SSM). Participants will be met upon arrival by NEA staff to finalise their registration and obtain visitor badges.

Badges are to be worn when attending lectures and all other events.

A passport or another form of photo identification is required to obtain a visitor badge.

Please note that hybrid access will not be provided, in-person attendance is mandatory to participate in the workshop.

Lunch

Lunch will be provided on-site for workshop participants at VIPPEN på Kantin on Tuesday, 26 September and Wednesday, 27 September.

26 September 2023

Session 1: Workshop opening – Dedicated record sets and summary files

- 09:00-09:30 **Opening remarks**
Rebecca Tadesse, Head of the Radioactive Waste Management and Decommissioning Division, NEA
Gordon Reid, Head Archivist, Nucleus: the Nuclear and Caithness Archive, Nuclear Decommissioning Authority (NDA), United Kingdom; NEA EGAR Chair
- 09:30-10:00 **Picking the right records: information preservation for future generations**
Ulrich Noseck, Head of Department – Safety Case, Site Selection Department, Deep Geological Disposal Division, Global Research for Safety (GRS), Germany
Jasmin Böhmer, Scientific Officer, Federal Office for the Safety of Nuclear Waste Management (BASE), Germany
- 10:00-10:20 **Little Forest Legacy Site (LFLS), Eastern Australia**
Timothy Payne, Environmental Scientist, Australian Nuclear Science and Technology Organisation (ANSTO), Australia
- 10:20-10:40 *Break*

Session 2: Nuclear memory

- 10:40-11:40 **Writing the key information file for the final nuclear waste repository in Sweden: speculations with nuclear memory**
Thomas Keating, Postdoctoral Researcher, Linköping University, Sweden
- 11:40-12:00 **An introduction to futures literacy**
Christine Kavazanjian, Project Officer, Futures Literacy and Foresight, UNESCO
- 12:00-13:30 *Lunch*

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Session 3: Advancements in development of the key information file (KIF), and assessing the relationship between the KIF and the Set of Essential Records (SER)

Session Chair: *Rebecca Tadesse, Head of the Radioactive Waste Management and Decommissioning Division, NEA*

- 13:30-13:35 **Session introduction**
Rebecca Tadesse, Head of the Radioactive Waste Management and Decommissioning Division, NEA
- 13:35-13:55 **The concept of the key information file: context, product and process**
Stephan Hotzel, Scientific Officer, Federal Office for the Safety of Nuclear Waste Management (BASE), Germany
- 13:55-14:15 **France's key information file (KIF) for the Manche Repository**
Florence Poidevin, Programme Manager, Memory for Future Generations, National Agency for Radioactive Waste Management (Andra), France
- 14:15-15:35 **The non-researchable problem: pragmatism vs. theory**
Carl-Henrik Pettersson, Investigator, Swedish Radiation Safety Authority, Sweden
- 15:35-16:00 *Break*
- 16:00-17:00 **Panel discussion on next steps to advancing KIF and SER development**

Anna Storm, Professor of Technology and Social Change, Department of Thematic Studies, Linköping University, Sweden

Thomas Keating, Postdoctoral Researcher, Linköping University, Sweden

Florence Poidevin, Programme Manager, Memory for Future Generations, National Agency for Radioactive

Waste Management (Andra), France

Stephan Hotzel, Scientific Officer, Federal Office for the Safety of Nuclear Waste Management (BASE), Germany

17:00-17:10

Day 1 closing remarks

Gordon Reid, Head Archivist, Nucleus: the Nuclear and Caithness Archive, Nuclear Decommissioning Authority (NDA), United Kingdom; NEA EGAR Chair

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Session 4 – Nuclear archiving

- 09:00-09:15 **Day 2 opening remarks**
Gordon Reid, Head Archivist, Nucleus: the Nuclear and Caithness Archive, Nuclear Decommissioning Authority (NDA), United Kingdom; NEA EGAR Chair
- 09:15-10:15 **Appraisal of paper and electronic records – regulations & guidance**
Morgan Nordberg, Investigator, Riksarkivet Swedish National Archives, Sweden
- 10:15-10:30 *Break*

Session 5 – To keep or not to keep: selecting and appraising for eternity

Session Chair: *Jasmin Böhmer, Scientific Officer, Federal Office for the Safety of Nuclear Waste Management (BASE), Germany*

- 10:30-11:45 **To keep or not to keep – selecting and appraising for eternity: methodologies for selection and appraisal of archival records**

All participants (aided group work format)

Leading questions:

Agents – Who are the responsible parties in the selection and appraisal process? Who has the final say?

Timelines – When is a good time to apply selection and appraisal? When should the appraisal results be reviewed/revisited/checked?

Applications – What appraisal techniques seems the

best choice? What are the leading appraisal elements?
Considerations – How would the sampling technique work in the nuclear field? Which sampling method makes the most sense for masses of uniform case files?

11:45-12:15 **Reporting of group work**
All participants

12:15-13:30 *Lunch*

Session 6 – Archiving challenges of the nuclear industry

13:30-13:45 **Introduction to breakout sessions**
Gordon Reid, Head Archivist, Nucleus: the Nuclear and Caithness Archive, Nuclear Decommissioning Authority (NDA), United Kingdom; NEA EGAR Chair

13:45-14:45 **Breakout discussion on challenges of archiving in the nuclear industry**
All participants (separated into 3 world cafe discussion rounds)

Discussion topics:

- *Dealing with backlog of legacy paper records;*
- *Backlog of electronic records and legacy databases;*
- *Addressing whether digitalization is a solution or more problematic;*
- *Longevity of storage media, pros and cons of data migration between formats;*
- *Guaranteeing that future generations will be able to find and make sense of records we preserve today (e.g. KIF and SER) – this could also include shifts in language or lack of understanding present-day acronyms and terminology in today's records.*

14:45-15:15	<i>Break</i>
15:15-16:45	Summary of breakout sessions <i>All participants</i>
16:45-17:05	Digital Preservation Coalition <i>William Kilbride, Executive Director, Digital Preservation Coalition, United Kingdom</i>
17:05-17:15	Closing remarks <i>Gordon Reid, Head Archivist, Nucleus: the Nuclear and Caithness Archive, Nuclear Decommissioning Authority (NDA), United Kingdom; NEA EGAR Chair</i>

28 September 2023

Optional visit to the Swedish National Archives

Fyrverkarbacken 13, 112 60 Stockholm

10:00-12:00

Site visit

Located ~20 min from Arlanda express. [The Swedish National Archives](#) grew out of the various archives set up by central government in Stockholm over the centuries. The Swedish National Archives is one of the country's oldest public authorities. With roots in the Middle Ages, the first archive was established in 1618 to hold government and court records, and was placed under the control of the Royal Chancery.

If you would like to register for the site visit, please confirm your attendance with the NEA Secretariat:

Linda.Okpala@oecd-nea.org

and

Morgan.Packer@oecd-nea.org

13:30-16:00

Meeting of WP-IDKM and expert groups (closed to the public)