

# **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

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## **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

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

- 09:00-09:20      **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*
- 09:20-10:00      **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      **Elements of the SER developed for the Belgian LLW surface repository**  
*Arne Berckmans, Head of Knowledge Management, RD&D Department & Surface Repository in Dessel, Belgium, Belgian Agency for Radioactive Waste and Enriched Fissile materials (ONDRAF/NIRAS), Belgium*
- 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*

13:30-13:50 **Little Forest Legacy Site (LFLS), Eastern Australia**  
Timothy Payne, Environmental Scientist, Australian Nuclear Science and Technology Organisation (ANSTO), Australia

**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*

13:50-13:55 **Session introduction**  
*Rebecca Tadesse, Head of the Radioactive Waste Management and Decommissioning Division, NEA*

13:55-14:20 **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*

14:20-14:45 **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*

14:45-15:10 **The non-researchable problem: pragmatism vs. theory**  
*Carl-Henrik Pettersson, Investigator, Swedish Radiation Safety Authority, Sweden*

15:10-15:30 *Break*

15:30-16:30 **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*

*József Fekete, Chief Information Security Officer, Public Limited Company for Radioactive Waste Management (PURAM), Hungary*

16:30-16:40

**Day 1 closing remarks**

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

# 27 September 2023

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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:*

- *Artificial intelligence's impact on archiving;*
- *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	<b>Summary of breakout sessions</b> <i>All participants</i>
16:45-17:05	<b>Digital Preservation Coalition</b> <i>Jenny Mitcham, Head of Good Practice and Standards, Digital Preservation Coalition, United Kingdom</i>
17:05-17:15	<b>Closing remarks</b> <i>Gordon Reid, Head Archivist, Nucleus: the Nuclear and Caithness Archive, Nuclear Decommissioning Authority (NDA), United Kingdom; NEA EGAR Chair</i>



# 28 September 2023

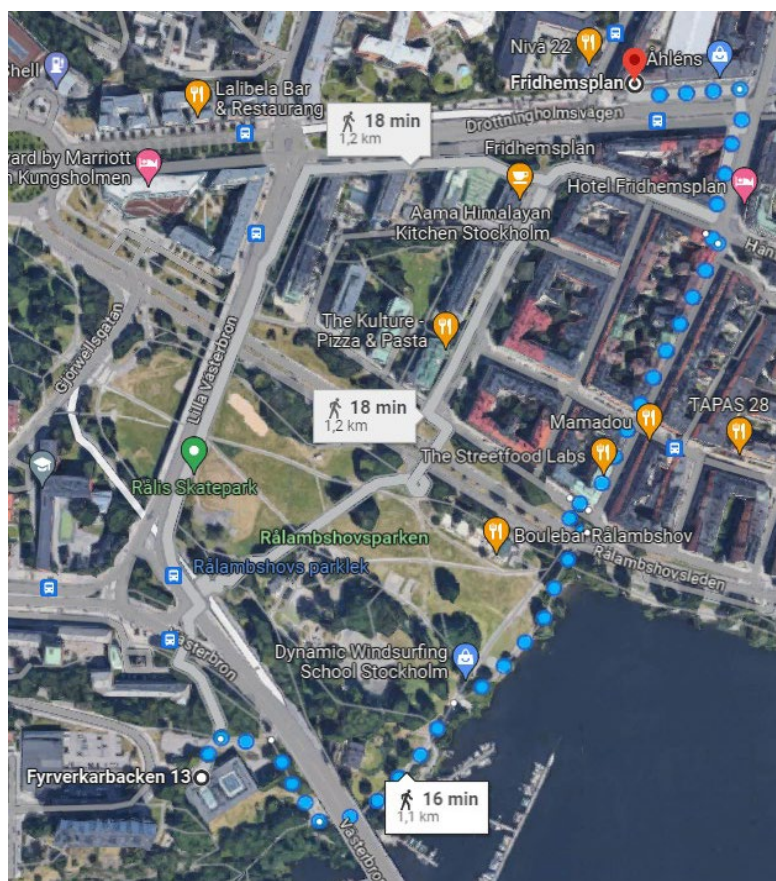
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## Optional visit to the Swedish National Archives

9:45

**Meet in front of Swedish National Archives**

*Address: 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](mailto:Linda.Okpala@oecd-nea.org)

and

[Morgan.Packer@oecd-nea.org](mailto:Morgan.Packer@oecd-nea.org)

13:30-16:00

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