



Regional Workshop on Monitoring Programmes for Unconditioned and Stored Waste, Conditioned Waste Packages and Storage Facilities

Hosted by

The Government of Lithuania

through the

Ignalina Nuclear Power Plant

Ignalina, Lithuania

16 to 20 October 2023

Ref. No.: ME-RER9154-2300273

Information Sheet

Purpose

The purpose of the event is to train participants on how to develop and implement monitoring programmes for storing unconditioned waste, conditioned waste packages as well as storage facilities.

Working Language(s)

The working language(s) of the event will be English.

Deadline for Nominations

Nominations received after **18 August** 2023 will not be considered.

Project Background

The storage of radioactive wastes is an integral part of all stages of waste management from raw waste to fully conditioned waste packages awaiting final disposal. The storage methodology of a Member State will be determined by the type of waste (raw, conditioned, low-level, high-level, etc.), the characteristics of the waste package and storage facility available.

The purpose of a storage facility or structure is to safely and securely contain the packaged radioactive waste in an organized and retrievable fashion for a defined time that is supposed to be less than the facility design life, while ensuring that the radiation protection of workers, the public and the environment are properly addressed according to applicable regulations and the ALARA principle.

Lack of disposal facilities entails the need for monitoring procedures to ensure continuing satisfactory safety control and protection of the waste packages ((including waste form and container) and the storage facility (storage structure, ancillary equipment, such as package handling, monitoring, ventilation, cooling, security, etc.) itself. The longer the intended life of the storage facility, the more important monitoring procedures becomes. Effective monitoring programmes for storage facilities, storing of unconditioned waste and conditioned waste package has contributed to the successful safe storage of current waste.

To support Member States in the establishing effective monitoring programs of the storing of radioactive waste, the IAEA is organising a dedicated workshop on the developing and accessing of the effectiveness of monitoring programmes on stored waste, conditioned waste package and storage facilities.

Expected Outputs

As a result of the workshop participants will be able to:

1. Identify key concepts and ageing materials of different storage facilities and stored waste (unconditioned waste and conditioned waste packages);
2. List environmental factors influencing the rate of ageing of key components;
3. Develop an effective measurable monitoring plan (through participation in group exercises and activities) for storage facilities, storing of unconditioned waste and conditioned waste package to ensure safe storage;
4. Identify non-conformity issues.

Scope and Nature

The five-day regional workshop will include lectures, structured discussions and underpinned by exercises designed to practice and reinforce the developing and assessing the effectiveness of monitoring programmes on stored waste, conditioned waste package and storage facilities. Examples of contents that are being planned (depending on availability of experts) of the five-day workshop:

Day 1: General Lectures: Stakeholder

- Delegated to monitor;
- Why monitoring;
- How and what to monitor;
- Environmental influences;
- Exercise: Establishing a monitoring program (Chapter 1).

Day 2: Lectures on monitoring of waste packages and establishing a monitoring program

- Cement waste packages;
- Metal drums;
- Metal containers;
- Exercise: Establishing a monitoring program for waste packages (Chapter 2).

Day 3: Site visit demonstrating monitoring and practical exercise regarding monitoring of waste packages and facilities

Day 4: Lectures on monitoring of facilities and establishing a monitoring program;

- Different storage facilities requires different monitoring programs;
- Ageing management plan;
- Exercise: Establishing a monitoring program for storage facility (Chapter 3).

Day 5: Lectures and closing:

- Non-conformity issues (Chapter 4);
- Final lectures and closing of workshop.

Participation

The workshop is open to the following Member States: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Greece, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Malta, Montenegro, North Macedonia, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Tajikistan, Türkiye, Turkmenistan, Ukraine, and Uzbekistan.

Participants' Qualifications and Experience

The event is targeted at representatives of Member States with a current or future programme responsibility regarding the safe management of radioactive waste as part of radioactive waste management activities at either a facility or at national level.

Participants must be nominated by the competent national authority of the Member State and, most specifically, by the Member States' official counterpart for the project.

Please note that participants will be expected to share information outlining their experience or needs regarding the developing of monitoring programmes for stored unconditioned waste, conditioned waste package and storage facilities.

Papers and Presentations

The IAEA expects participants to give presentations outlining their experience or planned activities regarding the developing of monitoring programmes for stored unconditioned waste, conditioned waste package and storage facilities.

Participants who wish to give presentations are requested to submit the presentation electronically to Mr Meyer (W.Meyer@iaea.org) the Scientific Secretary of the event not later than **30 August 2023**.

Authors will be notified of the acceptance of their proposed presentations by **15 Sept 2023**.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
 - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
 - b. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
 - c. Search for the relevant technical cooperation event (**EVT2300273**) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the meeting from the [IAEA website](#).

NOTE: A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected, and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency AX Travel Management, or a travel allowance, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for female participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

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