



# **Regional Workshop on Generic Monitoring Strategies, Technical Methods and Drivers for Disposal Facilities**

Hosted by

**The Government of the United Kingdom**

through the

**Nuclear Waste Services**

**Pelham House, Pelham Drive, Calderbridge, Cumbria, United Kingdom**

**21 – 25 September 2026**

**Ref. No.: ME-RER9164- EVT2602760**

## **Information Sheet**

### **Purpose**

The purpose of the event is to strengthen the capacities of participating Member States in the development and implementation of generic monitoring strategies, technical methods and drivers for disposal facilities, covering both operational and post-closure periods. The event will address monitoring strategies, approaches, techniques and data implementation for both near-surface and geological disposal, with particular emphasis on best practice and lessons learnt for VLLW and LLW disposal.

### **Working Language**

The working language of the event will be English.

### **Deadline for Nominations**

Nominations are accepted until **5 July 2026**.

## Scope and Nature

As stated in IAEA Specific safety guide document SSG-31 *“A monitoring and surveillance programme is a key element in verifying that licensed radioactive waste disposal facility meets its specified performance and safety requirements.”*

Monitoring is needed to evaluate any changes either in the actual performance of the facility or in processes or parameters that might influence the performance of the facility. Therefore, the monitoring is implemented gradually over the lifetime of the radioactive waste disposal facility and is adapted to the objectives of each phase. Prior to construction, monitoring forms part of site characterization activities and supports the establishment of baseline information describing the initial geological, hydrogeological, environmental and radiological conditions at the disposal site. During the construction phase, monitoring is used to observe and evaluate the effects of construction activities on the host rock and its surroundings, thereby providing information on the site response to imposed design and performance requirements. During the operational phase, monitoring is undertaken to confirm that facility construction, waste emplacement and the performance of repository components remain consistent with the approved design bases and to support stepwise decision making during operation and finally closure. After closure, monitoring, if foreseen, is limited in scope, duration and purpose. Its objective is confirming the absence of effect, potentially adversely affecting the long-term behaviour of the disposal system, without reliance on institutional control or future human intervention. Throughout all phases, the monitoring programme is periodically reviewed and updated and is implemented in accordance with regulatory requirements and stakeholder requirements.

The workshop will be held in person, in NWS offices, Pelham House, Pelham Drive, Calderbridge, UK for a period of 5 days and will include lectures, delivered by the Host organisation, international experts and Secretariat and the visit to the Low Level Waste Repository site.

## Expected Outputs

The workshop is expected to enhance participants’ understanding of how to derive viable monitoring strategies for disposal facility and launch first iterations of their implementation within the process of disposal facility development, considering wide range of disposal concepts. Through expert presentations, facilitated discussions, and the sharing of national experiences, participants will identify common challenges and practical solutions related to the monitoring plans and their implementation to assure that a disposal facility for radioactive waste performs at the required level of safety during the operational and post-closure phases.

The workshop would also support the development of preliminary monitoring plans or considerations aimed facilitate the disposal of the different types of radioactive waste in line with international good practices and IAEA guidance.

## Structure

This five-day workshop will include following components:

- Lectures presenting the understanding generic monitoring strategies, technical methods and drivers for disposal facilities, including both operational and post-closure period, for different disposal concepts, ranging from VLLW, LLW to geological disposal. The lecture content will be supported by national cases, demonstrating the implementation of the monitoring strategies.
- Practical exercises and facilitated discussions focused on understanding generic monitoring strategies, technical methods and drivers for disposal facilities, including both operational and post-closure period.

- Presentations from participating Member States highlighting national experiences, infrastructure, and challenges related to monitoring strategies for disposal facilities, within their disposal programmes.
- Visit to the operating site, demonstrating operational monitoring strategies in the praxis.

## Project Background

Radioactive waste management is essential wherever nuclear techniques or installations are used. Most Asian countries have or plan to use nuclear technology in agriculture, medicine, industry, and resource development. Several operate research reactors and nuclear power plants, with many considering nuclear power. These activities generate radioactive waste that must be managed efficiently to ensure the sustainability of all uses of nuclear technology. The objective of the project (RER9164) is to advance the national radioactive waste management program implementation by improving competences.

## Participation

The workshop will bring together technical experts, and facility operators with the Member states representative to exchange experiences and good practices on monitoring of disposal facilities during both operational and post-closure period, including practical experience from visiting disposal site under operation. Moreover, the topic will be supported by national case studies and aligned with the corresponding requirements from the IAEA safety standards.

The workshop is open to Member States participating in the RER9164 project. Participants must be officially nominated by the competent Member State national authority and specifically, by the Member States' official designated counterpart for the RER9164 project.

## Participants' Qualifications and Experience

The workshop is intended for individuals directly involved in radioactive waste management, with a focus on those involved with the planning and development of disposal facilities, regulators overseeing said activities and specialist, dedicated to the monitoring technologies.

Participants may be invited by the Scientific Secretaries to prepare and deliver a presentation during the workshop. Presentations may include an overview of experiences in selecting and designing radioactive waste disposal facilities and planning or implementing of monitoring in any phase of their development.

## Application Procedure

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

1. Access the IAEA TALEO page (<https://iaea.taleo.net/>) and complete the Candidate Profile.
2. Be registered on the Nucleus page of the IAEA (<https://nucleus.iaea.org/>).
3. Through Nucleus, access the InTouch+ platform where the Profile is completed (My Profile tab) (<https://nucleus.iaea.org/Pages/InTouchPlus.aspx>).  
**NOTE:** The email used for TALEO and Nucleus must be the same. If not, the candidate's profile will not appear complete.
4. On the InTouch + platform, under the 'My InTouch +' tab, the candidate needs to:

- a. select the institute / organization that he/she works at / represents ('My Institute' section);
- b. click on the link called '**Refresh Personal History Form**' to update the system, *otherwise the nominations submitted will have these fields empty and it will not be possible to evaluate them during the selection of candidates* ('IAEA Recruitment Platform' section).

**NOTE:** Once the above steps are finalized, the candidate's profile will appear as completed and he/she can apply for Technical Cooperation events.

5. In the InTouch+ platform (<https://intouchplus.iaea.org>), in the 'Applications' tab, search by the event number provided in the invitation.

The help for each step is located at the top of the page. For additional help on how to register, create a profile and apply for an event, please refer to the online guide and training videos available under the following links: [how-to guide](#) and [training videos](#). Any issues or queries related to the new system can be addressed to [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org) or [TC-AIPS-PL4.Contact-point@iaea.org](mailto:TC-AIPS-PL4.Contact-point@iaea.org).

Should this not be possible, applicants may download the Nomination Form for the ME from the IAEA website <https://www.iaea.org/services/technical-cooperation-programme/how-to-participate>.

Applications should contain sufficient information to establish that the nominees have the required qualifications. Please note that the information regarding LANGUAGE SKILLS, EDUCATION AND WORK EXPERIENCE is exported from TALEO. If an applicant's profile in TALEO is not updated, the information in INTOUCH+ for these sections appears as empty and the candidates cannot be evaluated. Completed applications need to be endorsed by the relevant national authority, i.e. the National Liaison Office and submitted through the established official channels.

## **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 American Express, or a travel grant, 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.

## **IAEA Contacts**

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