



Technical Meeting on the Draft IAEA Technical Document on Periodic Safety Review of Radioactive Waste Management Facilities

**IAEA Headquarters
Vienna, Austria**

8 - 12 February 2027

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Information Sheet

Introduction

The safety of radioactive waste management (RWM) facilities needs to be reviewed periodically throughout the relevant facility lifetime. For predisposal RWM facilities, this includes operation and, as applicable, shutdown and decommissioning. For disposal RWM facilities, it includes operation, closure and the post-closure period until termination of the licence.

A periodic safety review (PSR) is a systematic reassessment of the safety of an existing RWM facility, carried out at regular intervals to address the cumulative effects of ageing, modifications, operating experience, technical developments and siting aspects. It confirms continued safety, identifies reasonably practicable safety improvements and provides a basis for updating the safety case, as applicable.

For predisposal RWM facilities, GSR Part 5 requires the operator to conduct PSRs, implement safety upgrades required by the regulatory body and reflect the results in the updated safety case. For radioactive waste disposal facilities, SSR-5 requires periodic reviews during operation and following closure until termination of the licence, and periodic safety reviews of existing disposal RWM facilities).

IAEA publications address PSR for nuclear power plants (Specific Safet Guide -25), research reactors (Safety Reports Series No. 99) and nuclear fuel cycle facilities (Safety Reports Series No. 124). However, no dedicated IAEA publication provides practical information on conducting PSRs specifically for RWM facilities.

To address this gap, the IAEA is developing a Safety Reports Series publication titled '*Considerations for Periodic Safety Review for Radioactive Waste Management Facilities*'. The d publication will cover a PSR strategy, methodology, safety factors, global assessment and review processes; applying a graded approach based on facility type, hazards, complexity and lifecycle stage; and explain the differences between predisposal and disposal facilities, including closure and post-closure safety considerations.

Objectives

The objective of the Technical Meeting is to obtain expert input, national experiences and practical examples to support the development of the draft IAEA Safety Reports Series publication, *'Considerations for Periodic Safety Review for Radioactive Waste Management Facilities'*.

The draft publication will be circulated before the meeting to support participants' review and discussion.

The meeting will:

- Exchange information on national and international approaches to PSRs for RWM facilities.
- Share experience, lessons learned and good practices from Member States on conducting PSRs for RWM facilities.
- Discuss the application of a graded approach to the scope and depth of a PSR, taking account of facility type, hazards, complexity and lifecycle stage.
- Identify and discuss safety factors relevant to predisposal and disposal facilities, including the facility design and actual condition; site and host environment; waste inventory, characteristics and acceptance criteria; waste packages and engineered barriers; ageing management; operating experience; modifications; safety assessment; organizational and management aspects; decommissioning or closure arrangements, as applicable; and post-closure safety for disposal facilities.
- Discuss the PSR strategy and methodology, the basis for periodicity, the review process, the global assessment of findings, the resulting integrated implementation plan, and the respective roles and responsibilities of the operating organization and the regulatory body.
- Identify challenges, gaps and emerging issues in implementing PSRs for RWM facilities, together with possible approaches for addressing them.
- Review the structure and technical content of the draft publication and formulate recommendations for its further development.

Target Audience

The meeting is intended for approximately 50 experts from Member States and international organizations with responsibilities or experience in the safety, regulation, assessment, design, operation, decommissioning, closure or management of RWM facilities.

The meeting will be of particular interest to operating organizations, regulatory bodies, governments, technical support organizations and consultants involved developing, conducting or reviewing PSRs. Relevant RWM facilities include predisposal (treatment, conditioning and storage) facilities, and disposal (borehole, near surface and geological) facilities.

Expected outcomes

The meeting is expected to produce technical recommendations on the scope, strategy, methodology, safety factors, global assessment and graded application of PSRs for RWM facilities; practical examples and lessons from Member States; and recommended improvements to the draft publication.

Working Language(s)

English

Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by **1 November 2026**, following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):
 - Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
 - Persons without an existing NUCLEUS account can register [here](#).
2. Once signed in, prospective participants can use the InTouch+ platform to:
 - Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
 - Search for the relevant event under the ‘My Eligible Events’ tab;
 - Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact InTouchPlus.Contact-Point@iaea.org);
 - If applicable, indicate whether a paper is being submitted and complete the relevant information;
 - If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
 - Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
 - Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **01 November 2026**.

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

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency’s Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also

use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate. Further information can be found in the [Data Processing Notice](#) concerning the IAEA InTouch+ platform.

In addition to the registration already submitted through the InTouch+ platform, participants have to submit the abstract, together with the Form for Submission of a Paper (Form B), to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA not later than .

Submission of a paper should be confirmed, together with the submission of the main application via the InTouch+ platform, by .

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made, together with the submission of the application, by **01 November 2026**.

Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:
<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

Organization

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.