



# **Workshop on Periodic Safety Review for Research Reactors**

**Virtual Event**

**10-14 March 2025**

**Ref. No.: EVT2403734**

## **Information Sheet**

### **Introduction**

The IAEA Safety Requirements publication *Safety of Research Reactors* (IAEA Safety Standards Series No. SSR-3) requires that “systematic periodic safety reviews of the research reactor in accordance with the regulatory requirements shall be performed throughout its operating lifetime, with account taken of operating experience, the cumulative effects of ageing, applicable safety standards and safety information from all relevant sources.”

During recent years, many regulatory bodies in Member States are increasingly requiring operating organizations to conduct a periodic safety review (PSR) for research reactors. In response to the regulatory requirements, some research reactor organizations have established processes for the PSR of their facilities and some organizations have implemented their first PSR.

To support Member States in preparing and conducting PSR, the IAEA has published in 2020 a Safety Report Series No. 99, *Periodic Safety Review for Research Reactors*, which provides practical information on planning, conduct, reporting of results and implementation of the findings of the PSR. In addition, the IAEA also has conducted expert missions over the past few years to several research reactor organizations, supporting their establishment of a PSR for their research reactor facilities.

In this context, and to continuously support Member States in the area of PSR within the framework of the IAEA’s activities related to the safety enhancement of research reactors, this workshop is organized.

## Objectives

The objective of the event is to provide a forum to Member States to exchange information and experience on establishing and implementing a process of periodic safety review for research reactors based on the IAEA safety standards.

## Target Audience

The workshop is intended for individuals from Member States with an operating research reactor facility or from Member States that have initiated a new research reactor project. Participants should be from research reactor operating organizations or from regulatory bodies. They should be familiar with the research reactors in their respective countries and have performed, be performing, or be planning to perform a PSR and/or an assessment of the results of such a review.

Member States are strongly encouraged to identify suitable women participants.

## Working Language(s)

English.

## Topics

The event will consist of presentations given by the IAEA representatives and invited lecturers, and presentations by the participants on their national practices and experiences in conducting the PSR for research reactors and assessing the results.

The topics that are expected to be covered include:

- Application of the IAEA safety standards relevant to PSR of research reactors;
- Process and methodology for the PSR of research reactors, basis document for PSR;
- Project management for PSR (responsibility, resources management and process implementation);
- Safety factors relating to PSR of research reactors;
- Global safety assessment and integrated implementation plan;
- Regulatory review of PSR; and
- Application of a graded approach for PSR.

The event will also include practical exercises on the relevant topics aimed at familiarizing the participants with implementing a PSR process at their research reactor facilities based on the IAEA safety standards.

## 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 **20 December 2024**, 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](mailto:InTouchPlus.Contact-Point@iaea.org));
  - 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.

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](mailto:InTouchPlus.Contact-Point@iaea.org).

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and technical 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 IAEA InTouch+ platform.

## **Additional Information**

The virtual meeting will be organized through WebEx and all accepted participants will receive further details via email. The timing of the event will be selected to accommodate for as many participants as possible, however optimal timing for each time zone cannot be guaranteed.

## **IAEA Contacts**

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