



IAEA

International Atomic Energy Agency
Atoms for Peace and Development

Workshop on the Use of a Graded Approach in the Application of Safety Requirements for Nuclear Fuel Cycle Facilities

IAEA Headquarters, Vienna, Austria

2 – 5 June 2025

Ref. No.: EVT2403739

Information Sheet

Introduction

Nuclear fuel cycle facilities (NFCFs) employ diverse technologies and processes. The IAEA Safety Standards Series No. SSR-4, Safety of Nuclear Fuel Cycle Facilities applies to NFCFs of all types and sizes and establishes requirements for all the important areas of safety in all stages of the lifetime of an NFCF. The nature and diversity of the processes associated with these facilities result in a broad range of hazardous conditions and possible accidents that need to be considered in the safety analysis. In view of the wide range of facilities and hazards, SSR-4 requires that the use of a graded approach in application of the safety requirements for an NFCF shall be commensurate with the potential risk of the facility; and shall be based on safety analysis, expert judgement and regulatory requirements. A graded approach shall be used in the stringency of application of requirements but shall not be considered as a means of waiving requirements and shall not compromise safety.

While the need for the use of a graded approach in the application of the safety requirements is generally understood, the NFCFs' operating organizations and regulatory bodies face challenges in implementation. These challenges include establishing criteria for hazard categorization of the facilities, defining the extent to which application of safety requirements can be graded while ensuring a high level of safety.

In the context mentioned above, the IAEA is organizing this Workshop on the Use of a Graded Approach in the Application of Safety Requirements for Nuclear Fuel Cycle Facilities, from 2 – 5 June 2025, to provide support to the Member States in this area.

Objectives

The purpose of the event is to provide Member States with a forum to discuss and exchange experience on the use of a graded approach in the application of the safety requirements for nuclear fuel cycle facilities.

Target Audience

Participation in the workshop is subject to designation by Governments or national organizations. The workshop is open to participants from all IAEA Member States with existing or planned NFCFs.

To ensure maximum effectiveness in the exchange of information, participants should be facilities' managers, designers or persons responsible for development and implementation of training and qualification programmes at NFCFs. Persons from regulatory bodies and technical support organizations responsible for safety of NFCFs can also participate in the workshop.

The range of the NFCFs covered by the event includes facilities for the processing, refining, conversion, enrichment and fabrication of fuel; spent nuclear fuel storage and reprocessing; and nuclear fuel cycle research and development facilities. Facilities for the mining and processing of natural ore, nuclear power plants, research reactors and waste disposal facilities are outside the scope of this workshop.

Member States are strongly encouraged to identify suitable women participants.

Working Language(s)

English

Topics

In addition to presentations by the IAEA representatives based on IAEA safety standards, the workshop will include presentations by the participants on their national practices and experiences on the use of a graded approach in the application of the safety requirements for NFCFs. The topics that are covered by this workshop include:

- IAEA safety requirements and guidance on use of a graded approach in application of the safety requirements for NFCFs.
- Methodology for grading, including factors to consider in categorizing risk for NFCFs and associated activities.
- Use of a graded approach in application of the safety requirements for various stages and activities of the facility's lifetime, including safety assessment, site evaluation, design, construction, commissioning, operation, and preparation for decommissioning.
- Use of a graded approach in the regulatory supervision of NFCFs, including in the review and assessment, regulatory inspection and enforcement processes.

The presentations will be followed by discussions in working groups on development of a methodology and criteria for use of a graded approach in application of safety requirements for NFCFs.

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 **28 March 2025**, 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 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 **28 March 2025**.

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 IAEA InTouch+ platform.

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 **28 March 2025**.

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: 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.

IAEA Contacts

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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.