



# **Workshop on Regulatory Supervision of Nuclear Fuel Cycle Facilities**

**IAEA Headquarters, Vienna, Austria**

**2 – 6 December 2024**

**Ref. No.: EVT2303715**

## **Information Sheet**

### **Introduction**

The International Atomic Energy Agency (IAEA) safety standards require effective regulatory oversight throughout all stages of the lifetime of a nuclear fuel cycle facility (NFCF). The IAEA Safety Standards Series No. GSR Part 1 (Rev. 1), Governmental, Legal and Regulatory Framework for Safety establishes requirements on the responsibilities and the functions of the regulatory body related to safety of facilities and activities that give rise to radiation risks. The IAEA Safety Standards Series No. SSR-4, Safety of Nuclear Fuel Cycle Facilities establishes requirements on regulatory supervision for NFCFs, including in relation to legislative and regulatory infrastructure, and the functions of the regulatory body such as authorization, review and assessment, inspection, and enforcement.

Feedback from the IAEA's activities has shown the need in many Member States to improve the regulatory supervision of NFCFs in particular with respect to regulatory inspection. The IAEA continues to assist Member States to address this need and has developed IAEA safety guides providing recommendations on implementation of the safety requirements for all kinds of NFCFs. The IAEA also provides Member States with assistance in application of these standards, including through organization of safety review missions and capacity building activities. In this regard, the IAEA has recently completed the development of a technical document on regulatory inspection for NFCFs, which is planned for publication in 2024. This document is intended to provide practical information based on the IAEA safety standards on developing and implementing an effective regulatory inspection programme for all kinds of NFCFs along with examples of such programmes at Member States.

In view of the above, and within the framework of its activities on assisting Member States to enhance the safety of NFCFs, the IAEA is organizing this Workshop on Regulatory Supervision of Nuclear Fuel Cycle Facilities, 2 – 6 December 2024, IAEA Headquarters, Vienna.

## Objectives

The purpose of the event is to provide the participants with a forum to exchange information on, and share experience in, establishing effective regulatory inspection programmes for nuclear fuel cycle facilities.

## Target Audience

Participation in the event 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. It is intended to bring together regulators responsible for the oversight of safety, radiation protection and waste management programmes for NFCFs. Personnel from regulatory technical support organizations, and regulatory interface or internal oversight staff from NFCFs, may also participate in the event.

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; nuclear fuel cycle research and development facilities; and supporting facilities in which radioactive material is handled. Facilities for the mining and processing of natural ore and waste disposal facilities are outside the scope of the event.

## Working Language(s)

The working language of the meeting will be English.

## Topics

In addition to presentations by the IAEA representatives, the event will include presentations by the participants on their experiences related to establishment of effective regulatory inspection programmes for NFCFs. The topics that are expected to be covered include:

- IAEA Safety Standards for NFCFs;
- IAEA draft publication on regulatory inspection programme for NFCFs;
- Management system for regulatory supervision of NFCFs;
- Development and implementation of regulatory inspection programme NFCFs;
- Regulatory inspection of consideration of human factors in operation of NFCFs;
- Consideration of safety culture in the regulatory inspection of NFCFs
- Regulatory challenges on use of artificial intelligence and digital technologies in NFCFs;
- Interface between regulatory inspection and other regulatory functions for NFCFs;
- Use of regulatory experience feedback;
- Use of graded approach in application of safety requirements for regulatory inspection of NFCFs.

The presentations will be followed by discussions in working groups on challenges in development and implementation of regulatory inspection programmes for NFCFs as well as actions to address these challenges.

## 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, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **26 August 2024**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by the above deadline.

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.

## 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 using the **Grant Application Form (Form C)**, which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **26 August 2024**.

## 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](http://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

### Scientific Secretary:

#### Mr. Lakshman Valiveti

Division of Nuclear Installation Safety  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 22473  
Fax: +43 1 26007  
Email: [L.Valiveti@iaea.org](mailto:L.Valiveti@iaea.org)

### Administrative Secretary:

#### Ms Simone Schelling

Division of Nuclear Installation Safety  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 26076  
Fax: +43 1 26007  
Email: [S.Schelling@iaea.org](mailto:S.Schelling@iaea.org)

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.



# Participation Form

## Workshop on Regulatory Supervision of Nuclear Fuel Cycle Facilities

IAEA Headquarters, Vienna, Austria

2 to 6 December 2024

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary, Mr Lakshman Valiveti, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security (Email: [L.Valiveti@iaea.org](mailto:L.Valiveti@iaea.org)) and to the Administrative Secretary, Ms Simone Schelling, (Email: [S.Schelling@iaea.org](mailto:S.Schelling@iaea.org)).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

**Deadline for receipt by IAEA through official channels: 26 August 2024**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
If/as applicable: Do you intend to make a presentation? Yes <input type="checkbox"/> No <input type="checkbox"/>		
Title:		

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.

# Grant Application Form

## Workshop on Regulatory Supervision of Nuclear Fuel Cycle Facilities

IAEA Headquarters, Vienna, Austria

**2 to 6 December 2024**

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary, Mr Lakshman Valiveti, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security (Email: [L.Valiveti@iaea.org](mailto:L.Valiveti@iaea.org)) and to the Administrative Secretary, Ms Simone Schelling, (Email: [S.Schelling@iaea.org](mailto:S.Schelling@iaea.org)).

**Deadline for receipt by IAEA through official channels: 26 August 2024**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/mm/dd):	Nationality:	

### 1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

### 2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years attended	
			from	to

### 3. Description of work performed over the last three years:

### 4. Institute's/Member State's programme in field of event:

**Date:** \_\_\_\_\_ **Signature of applicant:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Name, signature and stamp of Ministry of Foreign Affairs,  
Permanent Mission to the IAEA or National Atomic Energy  
Authority**

\_\_\_\_\_