



IAEA

International Atomic Energy Agency
Atoms for Peace and Development

Technical Meeting on Waste Minimization (Optimization) at Nuclear Power Plant Operations (International Predisposal Network, IPN)

IAEA Headquarters, Vienna, Austria
and virtual participation via Cisco Webex

21–25 November 2022

Ref. No.: EVT1904662

Information Sheet

Introduction

The International Atomic Energy Agency (IAEA) promotes the safe and peaceful uses of nuclear energy including the management of radioactive waste according to nationally and internationally agreed principles and standards with safe disposal as endpoint for all waste types.

The operation of nuclear power plants give rise to radioactive waste that needs to be managed safely and effectively. Although reactors are designed and operated to ensure minimal waste arisings, the optimization of waste management processes is an integral part of any nuclear power plant. Each reactor site is responsible to operate within legally binding regulations and licence conditions and, beyond formal compliance, most operators continue to explore options for further avoidance and optimization of waste arisings. To cope with these challenges (and to regain public trust) waste optimization improved rapidly in the nuclear power plants (NPPs).

Objectives

The purpose of the event is to provide a forum, for experienced Member State representatives to discuss current approaches and practices to minimize the volume of waste at nuclear power plants and the preparation of a draft IAEA publication on the topic.

Scope

The meeting will review and add additional information into the draft publication on Waste minimization during the life cycle of Nuclear Power Plants. Current contents are based on:

- Typical waste inventories;
- Waste minimization considerations;
- Liquid radioactive waste minimization strategies;
- Wet-Solid radioactive waste minimization strategies;
- Dry solid radioactive waste minimization strategies;
- Influence of metals composition on waste arises;
- Evaluation of waste minimization program;
- Lessons learned and good practices.

Working Language(s)

The working language of the meeting will be English with no interpretation provided. All communications, abstracts and papers must be submitted in this language.

Expected Outputs

The expected outcome from the meeting will be a finalized publication on the Waste minimization during the life cycle of Nuclear Power Plants.

Collaboration Tools

This event will make extensive use of online collaboration tools. The Agency will setup a SharePoint

site for the project; due to potential sensitivities, the site will be closed and access will be granted only by request to the Scientific Secretary. The SharePoint site will serve as the document repository for all documents. In addition to typical documents (MS Word, Excel, etc.), the site will also house a number of “How To” videos produced by the Agency to help facilitate telecommunications issues and videos regarding the background and aim of this project. The SharePoint site will also use a message board function to allow participants to post questions about specific topics.

Access to the Microsoft Teams platform will be arranged for all of the participants. This platform is easy to use for 1-on-1 and small group chats, typically scheduled on an Ad Hoc basis by the participants. Larger meetings, if needed, will be done via the WebEx platform (the Agency will facilitate this).

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 **14 October 2022**. 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.

Papers and Presentations

The IAEA encourages participants to present their experience regarding lessons learned and good practices regarding waste minimization during the life cycle of Nuclear Power Plants.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. It should be sent electronically to Mr Willem Meyer, the Scientific Secretary of the event (see contact details below), not later than **14 October 2022**. Authors will be notified of the acceptance of their proposed presentations by **21 October 2022**.

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** and the attached **Form for Submission of a Paper (Form B)** to their competent national authority (e.g.

Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than **14 October 2022**.

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 arrangements.

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 **14 October 2022**.

Venue

The event will be held at the Vienna International Centre (VIC), where the IAEA's Headquarters are located. The event will commence at 09:30 a.m. on Monday, 21 November 2022, in Board Room A, Building M, of the Vienna International Centre (VIC). 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.

Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:

www.iaea.org/events/EVT1904662

Enclosure: Form for Submission of a Paper (Form B) (if 'Abstract/Paper submission requested')