



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Technical Meeting on Disused Sealed Radioactive Sources Disposal Options in Near Surface Disposal Facilities

IAEA Headquarters, Vienna, Austria
and virtual participation via Microsoft Teams

14–17 April 2025

Ref. No.: EVT2404770

Information Sheet

Introduction

A disused sealed radioactive source (DSRS) is a radioactive source, comprising radioactive material that is permanently sealed in a capsule or closely bonded and in a solid form, that is no longer used, and is not intended to be used, for the practice for which an authorization was granted¹. The international community has a well-developed set of guidance including categorization to safely manage DSRS²³. When a DSRS is declared as waste it should be managed in accordance with national requirements and eventually sent for disposal.

¹ INTERNATIONAL ATOMIC ENERGY AGENCY, IAEA Nuclear Safety and Security Glossary: Terminology Used in Nuclear Safety, Nuclear Security, Radiation Protection and Emergency Preparedness and Response, 2022 Edition, IAEA, Vienna (2022).

² INTERNATIONAL ATOMIC ENERGY AGENCY, Guidance on the Management of Disused Radioactive Sources, 2018 Edition, IAEA, Vienna (2018)

³ INTERNATIONAL ATOMIC ENERGY AGENCY, Management of Disused Sealed Radioactive Sources, Nuclear Energy Series No. NW-T-1.3, IAEA, Vienna (2014).

A near surface disposal facility may be licensed to accept DSRS consistent with the safety case. There is a growing need for Member States to share their experiences with the disposal of DSRS in near surface disposal facilities for several reasons. First, several Member States are in the process of constructing a first near surface disposal facility for radioactive waste, and the inventories are planned to include some DSRS. Second, some Member States are expanding and/or optimization existing near surface disposal facilities and are in the process of updating the waste acceptance criteria which could include the addition of some DSRS. Finally, the IAEA is developing a technical document on this subject and will use this meeting to evaluate the approach and available information to support this work.

Objectives

The purpose of the event is to provide an opportunity for Member States to exchange knowledge on the disposal of DSRSs in near surface disposal facilities.

Target Audience

The meeting is targeted to representatives of organizations responsible for the analysis, preparation and disposal of DSRS in near surface disposal facilities.

Working Language(s)

English.

Expected Outputs

A scoping document, based on the experiences and lessons learned from Member States about the disposal of DSRS in near surface disposal facilities, as a basis for the future development of an IAEA publication on this subject.

Topics

The following topics will be discussed during the meeting:

- Case studies of DSRS disposal;
- Disposal of DSRSs similar to low level and intermediate level radioactive waste;
- Inadvertent intruders;
- Disposal of DSRSs containing long lived isotopes; and
- Closure of the disposal facility.

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 **3 February 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 **3 February 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.

Papers and presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed above.

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. The abstract should be in A4 page format, should extend to no more than 2 pages (including figures and tables) and should not exceed 500 words. It should be sent electronically to John Zarling and Karina Lange, the Scientific Secretaries of the event (see contact details below), not later than **15 February 2025**. Authors will be notified of the acceptance of their proposed presentations by **21 March 2025**.

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 **15 February 2025**.

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 **3 February 2025**.

Venue

The event will be held at the Vienna International Centre (VIC), where the IAEA's Headquarters are located and virtual participation via Microsoft Teams. 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/EVT2404770

Enclosure: Form for Submission of a Paper (Form B)

Form for Submission of a Paper

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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 or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretaries J.zarling@iaea.org and K.lange@iaea.org and to the Administrative Secretary Sh.Garcia@iaea.org.

Deadline for receipt by IAEA through official channels: 3 February 2025

Title of the paper:		
If applicable: Abstract ID in IAEA-INDICO:		
Family name(s) and first name(s) of all author(s) (same as in passport(s):	Scientific establishment(s) in which the work has been carried out	City/Country
1.		
2.		
3.		
Family name(s) and first name(s) of author presenting the paper (same as in passport):	Mr/Ms:	
Mailing address:		
Tel. (Fax):		
Email:		
I plan to attend virtually: Yes <input type="checkbox"/> No <input type="checkbox"/>		

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