



IAEA

Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: **EVT1905013**

Dial directly to extension: (+43 1) 2600-22673

The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting on Lessons Learned from the Management of Disused High Activity Sources** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **27 to 30 July 2020**.

The purpose of the event is to review experiences in the management of disused high activity sealed radioactive sources (Category 1–2 DSRS). The management options successfully implemented, and the use of mobile hot cells and other operational and management tools will be discussed. Possible gaps and to ascertain whether any additional tools are needed to support Member States in the safe and secure management of high activity DSRS will be identified. The review will assist in determining whether the existing tools and technologies need to be upgraded or optimized.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one or more participants to represent the Government at this event. Member States are strongly encouraged to identify suitable women 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 at the time of designating the participants using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **15 May 2020** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Mr Juan Carlos Benitez Navarro, Division of Nuclear Fuel Cycle and Waste Technology, Department of Nuclear Energy (Email: J.C.Benitez-Navarro@iaea.org), and to the Administrative Secretary, Ms Zsuzsanna Zohori (Email: Z.Zohori@iaea.org). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once official designations have been received.

Should Governments wish, in addition, to appoint one or more observers to assist and advise the designated participants, they are kindly requested to inform the IAEA of the names and contact details of any such observers by the above date. In accordance with the established rules, Governments are expected to bear the cost of attendance of any observers they may send to IAEA events. Compensation is not payable by the IAEA for any damage to or loss of observers' personal property or for illness, injury or death occurring while travelling to or in connection with their attendance at IAEA events.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2020-03-12

Enclosures: Information Sheet
 Participation Form (Form A)
 Form for submission of a Paper (Form B)
 Grant Application Form (Form C)



Technical Meeting on Lessons Learned from the Management of Disused High Activity Sources

**IAEA Headquarters
Vienna, Austria**

27–30 July 2020

Ref. No: EVT1905013

Information Sheet

A. Background

Radioactive sources are used widely throughout the world in medicine, industry, and agriculture. Unfortunately, the International Atomic Energy Agency (IAEA) receives reports regularly of serious injuries or deaths due to misuse or accidents involving sealed radioactive sources. The IAEA offers a wide range of guidance, activities and services to assist its Member States to improve the safety and security of their sealed radioactive sources.

Accident prevention requires a comprehensive approach to protecting and controlling sealed radioactive sources: applying standards for manufacturing and use; establishing regulatory control, physical protection, and inventories; training users on good practices and procedures; and properly disposing of the source when it is deemed disused.

Operations related to the removal of a high activity (Category 1–2) sources from a shielded position, placing it in another container, and some other operations required during conditioning of high activity sources require hot cells and very qualified personnel. The lack of approved containers fixed or mobile hot cells, and qualified personnel makes the conditioning of such sources difficult or impossible in many Member States. Conditioning of such sources is generally limited to the preparation of sources for long term storage, or removal and transportation for recycling.

Under such circumstances, a most common resolution of these problems will be receiving international

assistance, for instance from the IAEA which provides services for conditioning and removal (including repatriation) of high activity sources from the country.

B. Purpose

The Technical Meeting will review experiences in the management of disused high activity sealed radioactive sources (Category 1-2 DSRS). The management options successfully implemented, will be described and discussed. The use of mobile hot cells and other operational and management tools will also be discussed. Identification of potential gaps and to ascertain whether any additional tools are needed to support Member States in the safe and secure management of high activity DSRS is desired. The review will assist in determining whether the existing tools and technologies need to be upgraded or optimized or if the existing tools are sufficient.

C. Participants

The participants should be managers, operators, users, or regulators who could potentially deal or have actually managed high-activity DSRS.

The participants are requested to prepare briefing Power Point Presentation on the inventory and status of disused and in-use sealed radioactive sources of Category 1-2 in their country.

D. Expected Output

The meeting will focus on the exchange of information and practical experiences (described as: Project description, experience and lessons learned) regarding the following topics:

1. Establishment and maintenance of the National inventories of Category 1-2 DSRS, in use and disused;
2. Definition and implementation a National strategy for the management of Category 1-2 DSRS;
3. Decommissioning of practices/facilities where Category 1-2 were used;
4. Transport of Category 1-2 DSRS within the country;
5. Storage of Category 1-2 DSRS;
6. Removal of Category 1-2 DSRS for repatriation, recycling and/or reuse;
7. The use of mobile hot cells and other operational and management tools;

E. Working Language

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

F. Venue

The assignment will commence on Monday, 27 July 2020 in VIC, Vienna, Austria.

G. Visas

Participants who need a visa for entering Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria as early as possible.

H. Organization

Official correspondence with regard to the technical aspects of the meeting should be addressed to the Scientific Secretary:

Mr Juan Carlos Benitez Navarro

Waste Technology Section
Division of Nuclear Fuel Cycle and Waste Technology
Department of Nuclear Energy
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22673

Fax: +43 1 26007

Email: J.C.Benitez-Navarro@iaea.org

Official correspondence with regard to administrative issues should be addressed to the Administrative Secretary:

Ms Zsuzsanna Zohori

Waste Technology Section
Division of Nuclear Fuel Cycle and Waste Technology
Department of Nuclear Energy
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22699

Fax: +43 1 26007

Email: Z.Zohori@iaea.org

Participation Form

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IAEA Headquarters, Vienna, Austria

27–30 July 2020

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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: 15 May 2020

Family name: (e.g. Smith)	First name(s): (e.g. John)	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 submit a paper? Yes No Would you prefer to present your paper as a poster? Yes No Title:		

Form for Submission of a Paper

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Title of the paper:		
If applicable: Abstract ID in IAEA-INDICO:		
Family name(s) and first name(s) of all author(s): e.g. Smith, John	Scientific establishment(s) in which the work has been carried out	City/Country
1.		
2.		
3.		
Family name and first name(s) of author presenting the paper: e.g. Smith, John	Mr/Ms:	
Mailing address:		
Tel. (Fax):		
Email:		

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- ☐ that any permissions and rights to publish required for third-party content, including but not limited to figures and tables, have been obtained, that all published material is correctly referenced; and
- ☐ that the material submitted to the IAEA does not contain any libellous or other unlawful statements and does not contain any materials that violate any personal or proprietary rights of any person or entity.

Date:

Signature of main author:

Grant Application Form

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Family name: (e.g. Smith)	First name(s): (e.g. John)	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 worked 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**
