



IAEA

原子用于和平与发展

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

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复函请援引: EVT1904418

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国际原子能机构（原子能机构）秘书处向原子能机构各成员国致意，并荣幸地提请注意将于**2021年4月12日至23日**通过思科网讯（Cisco WebEx）以虚拟方式举行**低放废物处置的废物体性能测试技术会议（国际处置前网络）**（以下称“活动”）。

这次活动的目的是提供一个论坛，供成员国共享其低放废物处置的废物体性能测试经验。讨论内容将涵盖低放废物体性能测试领域的良好实践、所汲取的经验教训以及最新进展。

随附“资料单”提供这次活动的进一步详情。

这次活动将使用英文。

请各成员国指派一名或几名参加者代表政府参加这次活动。大力鼓励各成员国确定合适的女性参加者。

应不迟于**2021年3月31日**用随附“参加申请表”（A表）将指派名单通过国家主管当局（外交部、常驻原子能机构代表团或国家原子能机构）提交原子能机构。填写完成并获得批准的“参加申请表”应通过电子邮件发送至：Official.Mail@iaea.org，或通过传真发送至：+43 1 26007（无需硬拷贝）。副本应通过电子邮件发送给这次活动的科学秘书核能司核燃料循环和废物技术处 Willem Meyer 先生（电子信箱：W.Meyer@iaea.org）和行政秘书 Marina Tolstenkova 女士（电子信箱：M.Tolstenkova@iaea.org）。一俟收到正式指派名单，这次活动的科学秘书将酌情就进一步的安排与参加者直接联系。

原子能机构对可能或旨在允许任何人访问或自行访问、删除或以其他方式损害或修改任何终端用户的任何数据或任何系统、服务器、设施或其他基础设施的任何病毒、蠕虫、陷阱门、后门、计时器、时钟、计数器或其他限制性程序、指令或设计，或其他恶意、非法或类似的未请求代码，包括监视软件或例行程序（统称“禁用代码”），均不承担任何责任，而且虚拟会议服务提供商已声明并担保，这些服务不会包含且任何终端用户也不会从用于举行虚拟会议的软件收到这些“禁用代码”。

国际原子能机构秘书处借此机会再次向原子能机构各成员国致以最崇高的敬意。



2021 年 3 月 16 日

附件（仅以英文印发）：资料单

参加申请表（A 表）

论文提交表（B 表）



INFORMATION SHEET

Virtual Technical Meeting on Waste Form Performance Testing for Low Level Waste Disposal (International Predisposal Network, IPN)

Virtual Meeting: 12 -23 April 2021

Ref. No.: EVT1904418

A. 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.

Many low-level waste (LLW) streams require immobilization to meet the waste acceptance criteria (WAC) for storage and disposal. There are many technologies, including both thermal and non-thermal processes, that are operational world-wide to produce a variety of stable waste forms. To ensure that the waste form produced will conform with the relevant waste acceptance criteria, it is necessary to perform a number of tests to establish the performance of the waste form over the envisaged timescales and conditions for storage and disposal. These tests are referred to as waste form performance tests.

B. • Objective

The purpose of the event is to provide a forum for Member States to share their experiences in waste form performance testing for low level waste disposal. The event will cover good practices, lessons learned and recent progress in the field of low-level waste form performance testing.

C. Scope

The meeting will feature Member State representatives reporting their experience topics related to waste form performance testing for low level waste disposal including experience and lessons learned. The following specific topical areas are applicable:

1. Waste form quality control (water content, penetration, viscosity, leaching test, differential thermal analysis (DTA), flammability, radiolysis, radiation durability and WAC compliance).
2. Waste container quality controls (Mechanical, corrosion, radiation resistance properties and WAC compliance)
3. Long-term durability determination of total waste package (leaching, mechanical strength, transportation requirements, radiation durability, geochemical durability, WAC compliance, etc.).
4. New experimental developments.

Meeting participants are expected to present overview reports/presentations focusing on waste form performance testing at industrial implementation scale.

D. Expected Outputs

The expected outcome from the meeting will be a documented summary on the current status Waste Form Performance Testing for Low-Level Waste Disposal and future mechanisms for sharing and benchmarking of knowledge on the topic.

E. Role of the Participants

The VCM is a new alternative method replacing the traditional in person meetings that is not possible due to the Covid situation. The entire VCM will be managed remotely and will occur over a longer time frame (five weeks) than the traditional five day in-person consultancy meeting. The VCM will rely on both planned and ad hoc video or audio conference calls in addition some home-based tasks. It is envisaged that the overall time commitment required of the experts during this extended period will be approximately the same as that required for a conventional five-day consultancy meeting.

In general, one or more (time zone dependant) meetings will be held via WebEx and in order to gauge workload required from the participants, the following list of events and nominal time contributions are proposed;

WebEx 12 April and 14 April 2021 (4 hours per day)

- Presentations regarding Waste Form quality control
- Summarizing Waste Form quality control used by Member States for different waste forms.

1 day effort

WebEx 16 April and 19 April 2021 (4 hours per day)

- Presentations regarding Waste container quality control
- Summarizing Waste Containers (disposal) quality control used by Member States

1 day effort

WebEx 20 April and 23 April 2021 (4 hours per day)

- Presentations regarding Waste package quality control
- Summarizing Waste Package (disposal) quality control used by Member States

Depending on registered participants (including presentations), additional WebEx days might be included during the same period.

F. 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).

G. 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.

H. Organization

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

Willem Meyer

Tel.: +43 1 2600 222659 Fax: +43 1 26007

Email: W.Meyer@iaea.org

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

Marina Tolstenkova

Tel.: +43 1 2600 21968 Fax: +43 1 26007

Email: M.Tolstenkova@iaea.org

Participation Form

Technical Meeting on Waste Form Performance Testing for Low Level Waste Disposal (International Predisposal Network, IPN)

Virtual Event

12–23 April 2021

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 Secretary W.Meyer@iaea.org and to the Administrative Secretary M.Tolstenkova@iaea.org.

Deadline for receipt by IAEA through official channels: 31 March 2021

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 submit a paper? Yes <input type="checkbox"/> No <input type="checkbox"/> Would you prefer to present your paper as a poster? Yes <input type="checkbox"/> No <input type="checkbox"/> Title:		

Form for Submission of a Paper

Technical Meeting on Waste Form Performance Testing for Low Level Waste Disposal (International Predisposal Network, IPN)

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Deadline for receipt by IAEA through official channels: 31 March 2021

Title of the paper:		
If applicable: Abstract ID in IAEA-INDICO:		
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2.		
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Signature of main author: