

IAEA-MOE Japan 2nd Experts Meeting on Volume Reduction and Recycling of Removed Soil Arising from Decontamination Activities



Background

- This meeting is held by the International Atomic Energy Agency (IAEA) upon the request of the Ministry of the Environment (MOE), Japan. The meeting is intended to exchange views concerning the measures taken by the MOE Japan to recycle and, where necessary, dispose of removed soil in the future.
- Provision of international assessment and advice from technical and social perspectives is expected.

Overview of the 2nd meeting

● Date / place

Schedule: Monday, 23 Oct. - Friday, 27 Oct. 2023

Main venue: IAEA Headquarters, Vienna, Austria (Hybrid meeting)

● Main agenda

1. Approach for safety and standards for the recycling and final disposal of removed soil
2. Approach for communication with stakeholders
3. Information dissemination to the international communities

● Members of IAEA officials and international experts

10 persons of IAEA officials and international experts (please refer to the next page)



Way forward

- The result of the 2nd meeting will be compiled as a summary report by the IAEA, which will be submitted to the MOE and published.
- The 3rd meeting will be held in early 2024.
- The final report will be produced by the IAEA after the 3rd meeting, which will be submitted to the MOE and published.

IAEA officials and international experts participating in Experts Meeting on Volume Reduction and Recycling of Removed Soil arising from Decontamination Activities



IAEA Officials

(Department of Nuclear Safety and Security)

- Ms. Anna Clark: Head of the Waste and Environmental Safety Section, Department of Nuclear Safety
- Mr. Gerard Bruno: Head of Radioactive Waste and Spent Fuel Management Unit, Department of Nuclear Safety
- Mr. Vladan Ljubjenov: Head of Decommissioning and Remediation Unit, Department of Nuclear Safety
- Ms. Mathilde Prevost: Coordination Officer, Radioactive Waste and Spent Fuel Management Unit, Department of Nuclear Safety

International Experts

- Mr. Jon Richards: Regional Radiation Expert & Remedial Project Manager, US EPA
- Mr. Ray Kemp: Member of UK Committee on Radioactive Waste Management (CoRWM) and UK Committee on Medical Aspects of Radiation in the Environment (COMARE)
- Ms. Shelly Mobbs: Chief Expert in Radiological and Environmental Protection (past Director), Eden Nuclear and Environment Ltd, UK
- Ms. Chantal Mommaert: Branch Manager, Radiation Protection, Waste & Decommissioning, Bel V, Belgium
- Mr. Jörg Feinhals: (Former) Head of Unit, Radiation Protection and Radioactive Waste Management, DMT GmbH & Co. KG, Germany
- Mr. Tadashi Inoue: Research Advisor to CRIEPI

Summary of results

- Various kinds of topics regarding the volume reduction and recycling of removed soil (e.g. approach for safety and standards for the recycling and final disposal of removed soil, approach for communication with stakeholders, information dissemination to the international communities) were discussed in 5-day meetings by IAEA officials (4 persons), international experts (6 persons), a Japanese expert (Mr. Tetsuo Yasutaka, Research Group Leader, National Institute of Advanced Industrial Science and Technology) and MOE officials. In addition, a site visit was conducted to the Nuclear Engineering Seibersdorf facility, where sorting and disposal of radioactive waste have been implemented in Austria.
- MOE presented progress made after the 1st IEM in May 2023 including, current situation for consideration of institutional arrangement for recycling and final disposal of removed soil, progress made for approach for communication and information dissemination, views of MOE on the consistency with the IAEA Safety Standards.
- International experts presented examples of measures for recycling and final disposal of removed soil and radioactive waste in various countries (e.g. UK, Belgium, Germany, USA).
- Measures for managing removed soil implemented by MOE and other countries were shared, and in-depth discussion took place, with regard to assessment of MOE activities on managed recycling and final disposal of removed soil, in light of the IAEA Safety Standards.
- The 3rd IEM will be scheduled to be held in early 2024, and detailed schedule and agenda will be determined, based on the coordination and consultation between MOE and IAEA.