

**Discussion Summary of Working Group II**  
**Waste Management and Environmental Restoration**  
TECRO-AIT JSC Meeting on Civil Nuclear Cooperation  
December 4-6, 2023

Number of items discussed	15
Closed items	0
New items	0
Merged items	0
Number of working items	15

1. **Closed items:** 0

2. **New items:** 0

3. **Merged items:** 0

4. **Commitments:**

TECRO appreciates the assistance of AIT. Many of the cooperative items have been progressing successfully. Following detailed discussions, both sides agreed to keep 15 items ongoing.

**G23 & J2:** NSC proposes that NRC could arrange an On-the-job training for the safety control of the used fuel and low-level waste at a decommissioning NPP in the second-half of 2024.

**G33:** NARI will perform TRR test UO<sub>2</sub> fuel rods canning and storage in 2024. Keep open in the event assistance is needed. US side needs to authorize extension existing PIE program to 2026.

**G34:** NSC will edit the National Report and send it to DOE-NE for peer review by the end of June 2025. DOE-NE agreed to review the report.

**G35:** US is no longer interested in transferring these materials to INL. Reasons for not transporting to US are: (1) cylinder licenses for liquid fuel transportation are expired and will not be available unless re-licensed, (2) total amounts of WBR fuels of NARI are not of interest to DOE. The US agrees to NARI stabilizing the WBR fuels to solid powder form for storage at NARI. The US requests NARI to provide AIT with a final materials account and storage configuration upon completion of the stabilization.

**G36:** Keep open, in the event, assistance is needed.

**G37:** US is no longer interested in transferring these materials to INL. Reasons for not transporting to US are: (1) cylinder licenses for liquid fuel transportation are expired and will not be available unless re-licensed, (2) total amounts of WBR fuels of NARI are not of interest to DOE. The US agrees to NARI stabilizing the WBR fuels to solid powder form for storage at NARI. The US requests NARI to provide AIT with a final materials account and storage configuration upon completion of the stabilization.

**J4:** Both parties agree to exchange information on the graphite waste treatment and disposal.

**U3:** DOE-EM will follow up with NE on the review of the "Irradiated Fuels and Materials Research Program from 2021 to 2026". NARI will continue the agreed upon PIE work from 2022 while waiting for the response from AIT.

**X1:** TPC request that DOE provide the latest status on the disposal of GTCC in the United States.

**DD12:** DOE-NE and EM will share lessons learned and best practices related to Public Participation in the D&D of nuclear reactors with TPC.

**DD19:** TPC intend to invite US HLW Disposal experts to Taiwan in 2024. TPC plans to participate in DECOVALEX-2027 platform led by LBNL.

**DD28:** Keep open, in the event, assistance is needed. Continue information exchange on the very low level contaminated soil remediation.

**DD29:** TPC will continue to hold the UF/HLW workshop in 2024. TPC will invite EPRI experts to share relative research results, and discuss related issues.

**DD30:** NARI will complete the shipment of UF6 to UK in the end of 2024. Preparations for transportation are undergoing at NARI.

Approved:

Wen-Chuan CHEN

Wen-Chuan Chen  
TECRO Representative

Date:

Dec. 5, 2023

Paul T. Dickman

Paul T. Dickman  
AIT Representative

Date:

Dec 5, 2023