

Discussion Summary of Working Group II
Waste Management and Environmental Restoration
TECRO-AIT JSC Meeting on Civil Nuclear Cooperation
December 11-12, 2017

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|---------------------------|----|
| Number of items discussed | 17 |
| Closed items | 1 |
| New items | 2 |
| Merged items | 0 |
| Number of working items | 16 |

1. **Closed items:** 1, AE-ANL-J5, *“Knowledge Transfer on Decontamination and Decommissioning”* closed in WG II, transferred to WG I.
2. **New items:** 2, FC-NR-G36, *“Technical Information and Experience Exchange for Spent Nuclear Fuel Disposal”* and IN-AT-G37 *“Cooperation on Stabilization of WBR Fuel stored at INER”* (this activity was created by splitting from G35 as it was a separate, but related topic).

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 16 items going. The time frame for cooperation was adjusted to reflect the intention to continue these activities from 2018 through 2024.

G23: After the public review period, NRC will provide a draft NUREG 2215 to AEC.

G34: FCMA requests DOE to assist in peer review of the National Report of Taiwan for the Joint Convention on the Safety of Spent Fuel Management and on the Radioactive Waste Management. FCMA will send the English version of the National Report to DOE for peer review in June 2018. DOE EM will provide TECRO with its National Report for peer review in June 2018. The respective peer reviews will be discussed between AIT and TECRO in a timely manner, preferably before the 2018 AIT-TECRO JSCNC meetings. Discussions will occur via email exchange.

G35: AIT and TECRO will remain in touch and develop appropriate next steps over the course of 2018.

G36: NRC/NMSS will hold workshop for FCMA on SNF disposal. NRC accepts FCMA’s proposal with the date to be arranged by the coordinators.

G37: TECRO provided a proposal for WBR stabilization for AIT review. AIT undertook to identify an appropriate expert to review the proposal.

J2: FCMA proposes NRC to share regulations, practices and lessons learned on the clearance of NPP decommissioning wastes. In order to realize how to execute the inspection on the waste removal and ISFSI activities at power reactor sites undergoing decommissioning, FCMA hopes that NRC could consider the possibility to arrange an on-the-job training at certain decommissioning NPP sites in 2018. NRC agrees to the FCMA proposal.

U3: TECRO will begin planning its research program for 2020 – 2025, including plans for stabilizing WBR fuel, in order to ensure timely consideration of the consent provisions of the AIT TECRO nuclear cooperation agreement.

X1: TPC requests for information on the management of spent ion-exchange resins from DOE, including but not limited to the treatment, stabilization, interim storage, disposal of SIR and specific container for SIR storage and disposal. DOE EM will respond to the request upon receipt and in a timely manner.

DD12: TPC would like to learn from the DOE any good example of successful public participation which has contributed to the execution of public affairs. TPC requests to get information about stakeholders engaging Supervision Committee of NPP decommissioning activities and the spent fuel final disposal program. Mr. Kevin McMahon will provide the 2017 report on public perception of nuclear facilities to Ling-Huan Chiao, by end of April, 2018.

DD19: TPC has invited, and SNL has accepted, to hold a short course on PFLOTRAN sometime around March 2018 in Taiwan with the exact date to be determined by the coordinators. Mr. Kevin McMahon will provide the 2017 reports on disposal research in crystalline and argillite host rocks to Ling-Huan Chiao by end of April, 2018.

DD28: INER (Hsiao) will contact Dawn Wellman at PNNL to receive status updates on the Columbia River soil remediation at the Hanford site.

DD29: Mr. Kevin McMahon will provide the 2017 reports on SCC research to Ling-Huan Chiao by end of April, 2018

Approved:



Kevin McMahon

AIT Representative

Date:

Dec 13, 2017



Wen-Chuan Chen

TECRO Representative

Date:

Dec. 13. 2017