

Discussion Summary of Working Group II
Waste Management and Environmental Restoration
TECRO-AIT JSC Meeting on Civil Nuclear Cooperation
November 5-6, 2018

Number of items discussed	17
Closed items	0
New items	1
Merged items	0
Number of working items	17

1. **Closed items:** 0

2. **New items:** 1, AE-TP-DE-G38, “Radiological Assessment of High Level Waste and Spent Nuclear Fuel”

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 17 items going.

G23: FCMA proposes to invite 2 NRC experts holding a workshop in Oct. 2019.

G33: TECRO will convey the technical details of the project to the IAEA.

G34: FCMA is revising the Chinese version of the National Report. It will be finished by the end of 2019.

G35: INER continues to assess BPCC as a candidate method for WBR’s safeguards, which may request LANL assistance as appropriate.

G36: No planned activity for 2019 but keep open in the event assistance is needed.

G37: Paul Dickman will provide contact personnel from ANL to TECRO for further information exchange.

G38 (New Item): AIT and TECRO confirms cooperation on linking RESRAD-OFFSITE and HYDROGEOCHEM codes for radiological assessment of disposal of high level waste and spent nuclear fuel. Prof. Yeh (National Central University (NCU)) will discuss with Dr. Charley Yu about linking these two codes in detail.

J2: To facilitate the management of decommissioning waste, FCMA hopes that NRC could consider the possibility to arrange an on-the-job training at certain decommissioning NPPs in 2019.

J4: INER begins to perform Dry Storage Pit cleanup engineering in 2019. TRR decommissioning will produce graphite waste. The INER proposes to continue information exchange with ORNL and PNNL on the graphite waste of D&D.

U3: INER expects that a subsequent arrangement of "Irradiated Fuels and Materials Research Program from 2020 to 2026" will be drafted and proposed for approval before the end of the current research program.

X1: TPC requests for information on the topics about the management of spent ion-exchange resins (SIR) in U.S., information including but not limited to the treatment, stabilization, interim storage, disposal of SIR and specific container for SIR storage and disposal. TECRO contacted Dr. Yifeng Wang on Oc. 2018 at SNL and are awaiting response. McMahon will follow up with Dr. Wang.

DD12: TPC appreciated to get the report of 2017 survey of public perception of nuclear facilities committed by Kevin McMahon. TPC would like to learn from the DOE any good example of successful public participation which has contributed to the execution of public affairs.

DD 19: TPC and INER will visit Sandia National Laboratories (SNL) in December 2018, to discuss the strategies of integration of numerical models and their applications. SNL accepted with the date of Dec. 4-5, 2018.

DD27: INER requests to share experience and treatment processes of a pressure excursion that resulted in the breach of the drum lid, which happened on April 11, 2018 in Accelerated Retrieval Project V facility of the Department of Energy's Radioactive Waste Management Complex (RWMC).

DD28: INER requests information related to soil remediation at Hanford or the Columbia River from PNNL for activities similar to the remediation needs of INER. Hsien-Ming-Hsiao will provide a detailed request. Dawn Wellman and Hsien-Ming Hsiao were assigned as contact personnel.

DD29: INER staffs plan to attend the ESCP spring meeting and UPMC in 2019. Ms. Sylvia Saltzstein of SNL is put in contact with Taiwan attendees of ESCP for further and future storage collaboration.

DD30: Coordinator was changed to Alex Burkart, DOS.

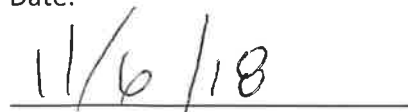
Approved:



Kevin McMahon

AIT Representative

Date:



Wen-Chuan Chen

TECRO Representative

Date:

