

### 第三分組

**Discussion Summary of Working Group III**  
**Nuclear Science, Technology, Security, and Safeguards**  
**TECRO-AIT JSC Meeting on Civil Nuclear Cooperation**  
**December 03-05, 2024**

Number of items discussed	20
Closed items	2
New items	0
Merged items	0
Number of working items	18

1. **Closed items:** 2
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 18 items going.

**D59:** Recommend moving to Workgroup 1. If NRC holds any training program related to radiation protection aspect of decommissioning, please notify NSC in advance. NSC would send staff to attend it if budget allows.

**D64:** Recommend moving to Workgroup 1. NSC plans to participate in the Decommissioning training course in 2025.

**I7:** AIT will find the correct DOE contact. NARI would greatly appreciate it if AIT could assist in facilitating connections between NARI and national laboratories. It would also be an honor to have the opportunity to visit esteemed institutions such as BNL, LANL, or ORNL in 2025 to explore collaboration on radioisotope research.

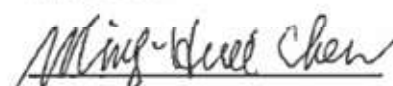
**I19:** AIT will find the correct DOE contact. NARI will focus on and seek international exchange opportunities in the field of X-ray and gamma ray detection technology and applications.

**Y3:** Both agree to change Item title to "Explore opportunities related to Nuclear Innovation, modeling and simulation". NRC will look into the application status for NARI to join the FRAPCON user group.

**Y4:** NARI will continue to attend the user training course and perform the test run of BISON code.

- CC1:** AIT will find the correct contact. The activity of performing neutron experiments at NIST and ORNL will continue. The invitation of distinguished visiting scientists will be continuous. NTHU plans to send a short summary proposal to DOE NE to help identify the correct AIT POC.
- EE2:** AIT will confirm the capacity for the ITC-30 course. TECRO will send three representatives to attend, if there is room.
- EE3:** Propose to keep ongoing.
- EE5:** NSC will continue carrying out activities for category 1 and 2 radioactive source security in 2025.
- EE7:** AIT and TECRO will explore holding a tabletop exercise using modelling and simulation tools for a nuclear security response. AIT and TECRO to hold a one-week Cyber ITC in Q3 or Q4 of 2025. NSC will continue ongoing discussions with DOE/NNSA, focusing on future cooperation and training in the field of nuclear security.
- FF1:** Propose to keep ongoing.
- FF2:** Propose to keep ongoing.
- FF3:** Papers of safeguards information will be exchanged at JSCCNC 2025.
- FF4:** TECRO will submit annual inventory report of all materials in 2025.
- HH1:** Propose to keep ongoing. AIT will find the correct DOE contact.
- II1:** Both agree to close item.
- II2:** Both agree to close item.
- II3:** AIT will find the correct DOE contact. RMC welcomes further information sharing of new analytical technique.
- Y5:** Both agree to move item to Area: Y. Advanced Reactors. Propose to keep ongoing.

Approved:



Ming-Huei Chen

TECRO Representative

Date: 12/4/2024



KRISTIN HIRSCH

AIT Representative

Date: 12/4/2024