

第四分組

Discussion Summary of Working Group IV Emergency Management

TECRO-AIT Meeting of Joint Standing Committee on Civil Nuclear Cooperation
December 03-05, 2024

Number of items discussed	6
Closed items/ New items/ Moved items	0
Number of working items after the meeting	6

Commitments

- AE-DE-F27, "Emergency Management"

1. NSC requests the opportunity to observe the Cobalt Magnet Exercise, which will be conducted in Michigan in March 2025.
2. NIPC in collaboration with NSC will hold the WIRED course in Taipei in March 2025.
3. NSC requests access to radiological emergency software (e.g. RadResponder/MissionEdge app), either as an observer or through a test account, to understand its role and functionality in emergencies involving radioactive materials.
4. NSC proposes to continue ongoing discussion with DOE/NNSA focusing on best practices for an effective consequence management response to an incident related to RDD.
5. NSC requests continued collaboration on development and execution of interagency TTX building on the RDIT and WIRED training. NSC and NIPC will continue to hold planning discussions related to the TTX in March 2025.
6. NSC plans to invite DOE/NNSA to observe the Nuclear Emergency Exercise taking place at the Ma'anshan nuclear power plant in September 2025.

- AE-DE-F28, "Atmospheric Plume Modeling"

7. NSC welcomes further cooperation and advanced training on atmospheric plume modeling and will explore opportunities for future collaboration.
8. NSC requests sharing of open-source publication related to smoke dispersion modeling and meteorological (ERF) modeling.
9. NSC requests in residence training at NARAC to learn more about high resolution meteorological modeling in the United States.
10. NIPC will explore the possibility of an advanced International Exchange Program (IXP) Training, and other opportunities for extended learning to assist NSC with plume modeling and preparedness at LLNL.

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- **AE-DE-F37, "Emergency Assistance"**
 - 11. NSC's Nuclear Safety Duty Center will continue to make communication tests through fax and email with DOE/NNSA's Forrestal Watch Office every six months.
- **AE-DE-F38, "Aerial and Other Detection Techniques"**
 - 12. NSC welcomes further cooperation and will participate in any related international trainings and workshops.
- **AE-DE-F39, "Nuclear Forensics Initiative"**
 - 13. NSC plans to consult NSDD to develop SOP related to radiological crime scene management, with a focus on interagency protocols and procedures relevant to evidence collection, storage, and transportation of MORC (Materials Outside of Regulatory Control) to laboratory for analysis.
 - 14. NSC welcomes further cooperation and training in the field of Nuclear Forensics Investigation.
- **RM-DE-EE8, "Information Exchange on Megaports Initiative"**
 - 15. NSC welcomes further cooperation and advanced training about advanced inspection techniques.

NSC will continue to jointly engage in activities with DOE/NNSA to strengthen emergency management and response to nuclear events.

Approved:



Tze-Chieh Horng
TECRO Representative

Date: Dec. 4, 2024



Mart Stewart-Smith
AIT Representative

Date: Dec 4, 2024