

## Discussion Summary of Working Group IV

### Emergency Management

TECRO-AIT Meeting of Joint Standing Committee on Civil Nuclear Cooperation

November 29-30, 2022

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. AEC inquiries about the opportunity to observe radiological emergency exercises conducted in the USA.
  2. DOE/NNSA plans to offer a virtual CTOS course and review options for in-person course in the future.
  3. AEC will invite DOE/NNSA to observe the nuclear emergency exercise in 2023, if available.
  4. DOE/NNSA will continue ongoing discussions with AEC focusing on best practices for an effective response to a radiological dispersal device.
- **AE-DE-F28, " Atmospheric Plume Modeling"**
  5. DOE/NNSA will invite AEC to attend NARAC Plume Modeling Workshop, if available.
  6. AEC welcomes further cooperation and dialogue about atmospheric plume modeling.
- **AE-DE-F37, "Emergency Assistance"**
  7. AEC'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"**
  8. AEC will be invited to participate in the 11th AMS International Technical Exchange on Aerial Measurements Operations, date TBD.
  9. DOE/NNSA will provide international AVID software and training in 2023, if possible.
- **AE-DE-F39, "Nuclear Forensics Initiative"**
  10. NSDD plans to offer a course on Applications of Existing Technologies to aid a Nuclear Forensics Investigation.
  11. AEC/RMC proposes NSDD hold a Forensic Investigation workshop for Taiwan focusing on gamma spectrum analysis in 2024.

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#### - RM-DE-EE8, "Information Exchange on Megaports Initiative"

##### 12. Field Training Exercise.

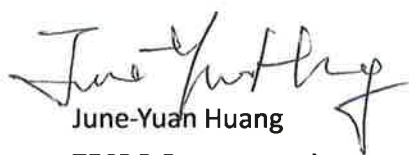
- (1) NSDD plans to provide a Radiation Detection Identification Techniques (RDIT) course in 2023
- (2) NSDD plans to hold a Field Training Exercise that will bring numerous agencies in Taiwan to Kaohsiung. NSDD would greatly appreciate AEC's participation.


##### 13. New Check Sources to Customs.

- (1) DOE/NNSA will provide new check sources (Am and AmBe) for radiation portal monitor calibrations. These sources have a much longer half-life; thus, sustainability costs should be minimized since the new sources will last for more than 400 years.

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

Approved:

  
June-Yuan Huang  
TECRO Representative  
Date: 11/30/2022

  
Patrick Disney  
AIT Representative  
Date: 11/30/22