

2011 TECRO-AIT JSC meeting on Civil Nuclear Cooperation

Discussion Summary of Working Group II

Matters Pertaining to Waste Management and Environmental Restoration

1. Number of working items discussed in Group II: 17
2. Number of on-going working items: 15
3. Reopen Items: 2
 - AE-NR-J2, *"Management of Decommissioning Waste"*
 - TP-EM-DD22, *"Planning for Decommissioning"*
4. New items: 1
 - IN-XX-UX, *"Hot Laboratory Management and Post-Irradiation Examination Technology"*
5. Number of working items after group discussion: 18
6. Highlights:
 - FCMA greatly appreciates NRC's long-time support for the Licensing of Independent Spent Fuel Storage Installations. TPC is scheduled to submit the construction license application for Kuosheng ISFSI by the end of 2011, and will conduct the hot test activities of Chinshan dry storage facility in 2012. FCMA will develop questions and

arrange tele-conference for Kuosheng licensing issue. FCMA would like to invite two NRC experts to pay a visit to Chinshan dry storage facility regarding hot test activities in October, 2012. (2 NRC staff for 1 week). FCMA would also like NRC to provide the ISFSI regulatory position or regulation amendments in response to the Fukushima accident.

- The government of Taiwan has announced a new energy policy of gradually phasing out nuclear power. The existing nuclear power plants will all be shutdown after reaching 40 years of service. Under the circumstances, both sides agree to reopen 2 items regarding the licensing review of nuclear power plant decommissioning activities. FCMA will propose a workshop for 1 week in 2012, regarding the lessons learned on licensing review, decommissioning of the large/irregular components of the reactor equipment and inspection activities relevant to nuclear power plant decommissioning in the US.(J2)
- A Decommissioning Plan for Chinshan Nuclear Power Plant will be submitted to AEC for review by 2014. In order to be prepared for this plan, TPC is proposing a workshop for 1 week in 2012, regarding

the application of RESRAD computer modeling for waste disposal and decommissioning in the US. TPC will rejoin EPRI Decommissioning Technology Program Funding Agreement in 2012. (DD22)

- For the working item on “Used Nuclear Fuel Extended Storage”, TECRO wish to attend the Extended Storage Collaboration Project (ESCP) meeting in 2012 to gather needed information, and will contact EPRI to discuss matters relating to participating in ESCP. In return, TECRO will be providing monitoring results during storage period on Chinshan ISFSI site and investigation results on aging management in the future. (DD29)
- TECRO seeks opportunities for collaboration on hot laboratory management and post-irradiation examination technology. INER will dispatch staff to visit Irradiated Fuels Examination Laboratory (IFEL) at the Oak Ridge National Lab and the Hot Fuel Examination Facility (HFEF) at the Idaho National Lab, and will invite US experts to visit INER for review of the safety and management of its hot lab. (New Item)
- INER requests to visit Hanford or SRNL regarding their experience

of spent fuel storage pool clean-up relevant to TRR shutdown and damage fuel elements in TRR pools.

Approved:



Robert Finch

AIT Representative

Date: 11/29/2011



Syh-Tsong Chiou

TECRO Representative

Date: 11/29/2011