

**Discussion Summary of Working Group I**  
**Matters Pertaining to Reactor Regulation and Regulatory Research**

Working Group I began this year's meeting with 21 existing items. After the plenary presentations and extensive working group discussions, the NRC and AEC agreed that an item on PRA applications for digital instrumentation and control systems was successfully completed, and will be closed. As such, working Group I has 20 items of mutual cooperation ongoing. The next AEC/NRC bilateral technical meeting will be scheduled between May~July, 2014, in Taipei. NRC and AEC will agree on the exact dates in the coming weeks.

**Commitments**

1. INER intends to renew the RIUG membership in 2014. NRC informed AEC that an agreement will need to be signed for the exchange of RADTRAD. Version 4 of RADTRAD will be available in June 2014, once the agreement is signed.
2. INER will keep on collecting human reliability data from Lungmen nuclear power plant for SACADA input and provide annual report of digital I&C software development research.
3. NRC and AEC will share the experience on implementing 10 CFR Part 40 rule during BTM in 2014. Both sides will refine on specific requests of presentations in future discussions. This will inform how NRC will respond to AEC desire.
4. INER would like to attend NFPA 805 and fire PRA workshop held in 2014. NRC will provide information on the workshop to INER in future communications.
5. AEC will invite NRC to observe the annual emergency exercise in 2014. NRC will provide AEC with FEMA's training course list and AEC will consider its interest in FEMA's training courses.
6. NRC will share with AEC the NRC 2014 inspector training course list and AEC may send approximately two staff members to attend the training course and visit NRC in 2014.
7. AEC would like to invite NRC's experts to give a workshop on cyber security and physical protection possibly in the 2nd quarter of 2014 and observe an inspection at a Taiwan NPP. Both sides will discuss the details and AEC will send a draft agenda and a specific proposed date.
8. AEC will keep NRC informed on the status of government re-organization.
9. AEC and NRC will continue sharing the status of post-Fukushima related regulatory activities with each other.
10. AEC will continue to share with NRC the regulatory activities that would address the

Kuosheng anchor bolt issue.

11. AEC will keep NRC informed on the Lungmen pre-operational and start-up test schedule and invite NRC's staff to observe the Lungmen tests. NRC will keep AEC informed of the pre-operational and start-up testing schedule for Watts Bar unit 2.
12. AEC and NRC will share the readiness inspection plan for Lungmen unit 1 and Watts Bar unit 2.

Approved :



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Date : 2013/12/11



Shin Chang  
TECRO Representative

Date : 2013/12/11