

Perspectives on Fukushima Lessons Learned Activities

April 23, 2013

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Pluses (abridged list)

- **Very good transparency**
- **Japan Lessons Learned Project Directorate (JLD)**
- **Identified target dates**
- **Clear justification for revised target dates**

Not Pluses (also abridged)

- **Recommendation 1**
- **Japan Lessons Learned Project Directorate (JLD)**
- **External hazards**
- **Spent fuel pool makeup**
- **Staffing levels**

Recommendation 1

- **11/30/2012: Interim guidance for assessing flooding hazards**
- **01/04/2013: Draft interim guidance for tsunami, surge, and seiche hazard assessments**
- **NRC staff must deal with Recommendation 1 issues for every other recommendation**

JLD

- **Creation of JLD allows its staff to focus on lessons learned activities and allows non-JLD staff to retain focus on other safety and security issues**
- **But does JLD also create the potential for silo or tunnel vision?**

JLD (continued)

- **RIC Session TH35 – Beyond Sirens and Radios: Advances in Public Alert and Notification Systems on a recent rule change**
- **RIC Session T11 – Promoting Success for Emergency Preparedness Guidance on pending revisions to NUREG-0654/FEM A-REP-1**

External Hazards

- **12/10/2012: UCS letter to NRC regarding “Fair weather verification against protection against foul weather”**

- **Plant X near Oconee, SC has a flood wall around its standby shutdown facility and exercises procedures to verify manual actions can be taken in time.**

Spent Fuel Pool Makeup

- B.5.b and Recommendation 7.2 require means to add water to the spent fuel pool**
- In boiling water reactors with Mark I and II containments, this introduces an internal flooding hazard that is not being properly considered**

Staffing Levels

- **Staffing assessments for Recommendation 4.2 suggest that radiation protection and chemistry technician slots are understaffed**
- **Emergency exercises may not confirm adequate staffing since they do not drill down to this level**