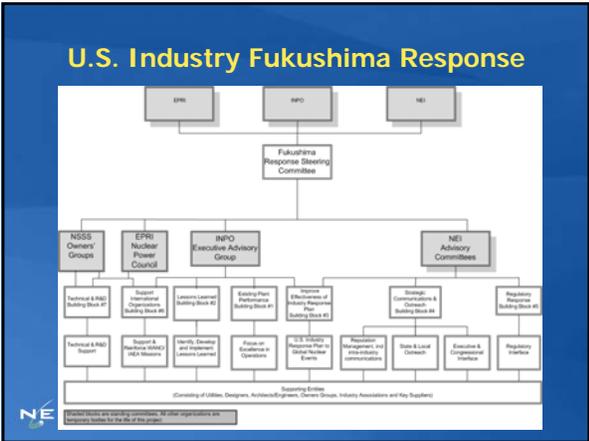
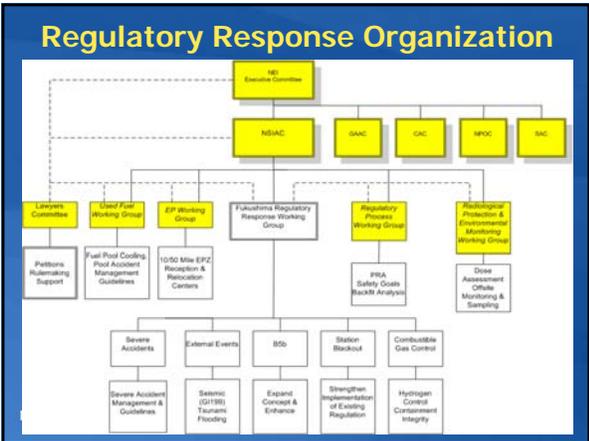


Industry Response to Fukushima Flooding Lessons Learned

Jim Riley
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Fukushima Flooding Task Force (FFTF)

- Established in early October
- Chartered to address Fukushima 10CFR50.54(f) letter flooding issues and related longer term activities
- Utility members cover a range of experience and plant locations
- Holding numerous meetings and weekly phone calls



Flooding Walkdowns

- Required responses
 - Submit walkdown guidance for endorsement by NRC
 - Submit walkdown results to the NRC
- Key elements
 - Walkdowns will compare current plant configuration to existing design basis documents
 - Only external flooding events will be considered



Flooding Walkdowns

- Task Force deliverables
 - Time estimates for completing walkdowns
 - NRC endorsed walkdown guidance and acceptance criteria
 - Template for licensee responses to 10CFR50.54(f) letter



Flooding Hazard Evaluations

- **Required response**
 - Submit an Integrated Assessment approach for assessing flood evaluation results that challenge design basis
 - Submit flood evaluation results
 - If applicable, submit Integrated Assessment
- **Key elements**
 - Reevaluate the flooding hazards for existing sites using the methods developed for new reactors
 - Compare existing flood protection features to the flooding hazards determined by new plant methods
 - Evaluate the results



Flooding Hazard Evaluations

- **Task Force deliverables**
 - Time estimates for completing flood hazard evaluations
 - Guidance for flood evaluations to supplement existing regulatory guidance
 - Plant prioritization scheme
 - Template for licensee responses to 10CFR50.54(f) letter
 - Guidance for Integrated Assessment