

Briefing on the Status of Lessons Learned from the Fukushima Dai-ichi Accident

Industry Progress

Joseph Pollock
Vice President, Nuclear Operations
and Chief Nuclear Officer
Nuclear Energy Institute

Key Messages

- Significant safety enhancements across the industry
- Tier 1 activities are substantially complete
- Completing majority of mitigation strategy assessments in 2017
- NRC rulemaking aligned with industry efforts
- Focus on FLEX shifting to inspections

Substantial Progress on Fukushima Actions

- FLEX implementation – largely complete
- Spent Fuel Pool Level Instrumentation implementation – complete
- Staffing and communications – complete
- Hardened vent implementation – on schedule
- Seismic and flooding reevaluations – on schedule
- Support staff recommendations for disposition of Tier 2/3 actions

Flooding Reevaluated Hazards

- 10 CFR 50.54(f) request – 85% complete in 2017
- Focused Evaluations and Integrated assessments – on schedule (2017-2018)
- Mitigation strategy assessments – 100% complete in 2017

Seismic Reevaluated Hazards

- 10 CFR 50.54(f) request – 90% complete in 2017
- Seismic Probabilistic Risk Assessments – on schedule (2017-2019)
- Mitigation strategy assessments – 80% complete in 2017

FLEX Inspections

- Current focus on inspections
- Industry task force to promote consistency in implementation
 - Routinely share lessons learned
 - No safety significant findings identified
 - Knowledge transfer – high priority
 - March 2017 workshop
- NRC consistency through Cross-Regional Panel

Draft Final Rule for Mitigation Strategies

- Incorporates important actions undertaken by industry and NRC since 2011
- Codification of existing requirements enables timely and successful implementation
- Industry is in agreement with the proposed rule and supports issuance

Summary

- Safety is our highest priority
- Significant safety enhancements achieved
- Substantial completion of Fukushima actions in 2016
- Committed to timely completion of actions to comply with the final rule
- Remarkable stakeholder involvement since 2011 has enabled success