

Fukushima – The Next Steps

Near-Term Task Force EP Recommendations

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Topics

- Update on Fukushima Corrective Actions
- Communication and Staffing Submittals
- Mitigation Strategies Reviews
- Update on Tier 2 and Tier 3 EP Recommendations
- Consolidated Rulemaking
- Additional Items

Update on Fukushima Corrective Actions

- NRC prepared an agency After-Action Report
 - published in Dec 2011
 - compiled from 1100 agency responders' comments
- 17 action items entered into incident response corrective action process
- Work is budgeted and has accelerated since commissioning of 3WFN operations center
- NRC also participated in the White House led interagency lessons learned effort

Communication and Staffing Submittals

- Request for Information
 - Assessments of staffing needs and communications equipment during multiunit, prolonged SBO events
 - Phase I communications and staffing submittals completed
- Phase II Communications and Staffing submittals
 - Due 4 months before 2nd refueling outage
 - Completion dependent upon development of Mitigating Strategies

Mitigation Strategies Reviews

- U.S. industry procuring equipment for each facility (N+1)
- Establishing Regional Support Centers
 - Equipment capable of transport to any site within 24 hours
 - Phoenix, AZ and Memphis, TN
- Consolidation of other lessons learned with mitigating strategies
 - Station Blackout (SBO) rulemaking
 - Spent fuel pool makeup capability (Tier 2)
- Need for State Engagement in FLEX playbooks

Update on Tier 2 EP Recommendations

- Equipment and Facilities
- Training and Exercises (drill)
- Multiunit Dose Assessment

Update on Tier 3 EP Recommendations

- 9.1: Initiate rulemaking to require EP enhancements for multiunit events
- 9.2: Initiate rulemaking to require EP enhancements for prolonged Station Blackout (SBO)
- 9.3: Issue orders until rulemaking is complete
- 9.4: Improve ERDS capability
- 10: Additional EP topics for prolonged SBO and multiunit events
- 11: EP topics for decision-making, radiation monitoring, and public education

Consolidated Rulemaking

- Proposed consolidated rulemaking effort for responding to a prolonged, beyond design-basis, multiunit/source external event
 - Concept was proposed to the Commission
 - If concept approved by the Commission, numerous opportunities for industry and public feedback
- Supporting guidance development
 - NEI seeking NRC endorsement of NEI 13-06 and NEI 14-01
 - Currently under NRC working group review and consideration

Additional Items

- Emergency Planning Zone (EPZ) Size
 - Petition for Rulemaking in Feb. 2012
 - NRC denied the petition
 - Ongoing activities as part of Level 3 PRA
- Potassium Iodine Pre-staged Beyond current 10-mile EPZ
 - Staff determined that current guidelines are adequate
 - Ongoing studies by Japanese Government

Contact Information



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Questions?