Briefing on the Japan Near Term Task Force Report – Short-Term Actions

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Staff Review of Near-Term Task Force (NTTF) Recommendations

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Agenda

- Staff Review of NTTF Recommendations
- Staff Recommendations
NTTF Conclusions

• No imminent risk from continued operation and licensing activities
• NTTF report provided 12 overarching recommendations addressing principles of defense-in-depth, protection, mitigation and emergency preparedness
Status of SRM-SECY-11-0093

• Required four Notation Vote Papers on NTTF report:
  – Proposed Charter (complete)
  – Staff recommendations (complete)
  – Prioritization (due October 3)
  – Recommendation 1 (due within 18 months)
Staff Review of NTTF Recommendations

- Commission paper (SECY-11-0124) contains staff's assessment of the NTTF recommendations that can and, in the staff's judgment, should be initiated, in part or in whole, without delay
Staff Recommendations

• Greatest potential for safety improvement
• Near-term efforts, which could be started without delay
• Measured approach
Staff Recommendations

• Seismic and flood walkdowns (2.3)
• Seismic and flood hazard reevaluations (2.1)
• Station Blackout (SBO) (4.1)
• 50.54(hh)(2) equipment (4.2)
Staff Recommendations (cont’d)

• Reliable hardened vent for Mark I containments (5.1)

• Strengthening on-site emergency response capabilities (8)

• Emergency preparedness (9.3)
External Stakeholder Feedback

• August 31, 2011 public meeting discussed six recommendations
  – Conceptual agreement
  – Stakeholders desire involvement
  – Concerns with implementation pace and regulatory vehicle
Regulatory Vehicles

• Orders
  – New requirements
  – Redefine level of protection regarded as adequate
  – Stakeholder engagement
Regulatory Vehicles (cont’d)

• Requests for Information (RFI) pursuant to 10 CFR 50.54(f)
  – Specific information needs from licensees
  – Licensees report actions taken
  – Informs regulatory action

• Rulemaking
Seismic and Flood Hazard Walkdowns (2.3)

• RFI pursuant to 50.54(f)
  – Methodology and criteria for walkdowns
  – Perform walkdowns to identify and address plant-specific vulnerabilities
  – Inform the NRC of the results and planned or taken actions
Seismic and Flood Hazard Reevaluations (2.1)

• Stakeholder interaction to develop the technical basis and acceptance criteria
• RFI pursuant to 50.54(f)
• Determine appropriate regulatory action
SBO (4.1)

- Engage stakeholders in support of rulemaking activities to enhance the capability to maintain safety through a prolonged SBO
- Development of the regulatory basis, a proposed rule and implementing guidance
50.54(hh)(2) Equipment (4.2)

• Order
  – Reasonable protection of 50.54(hh)(2) equipment from the effects of external events, and to establish and maintain sufficient capacity to mitigate multi-unit events
  – Stakeholder interactions to identify acceptance criteria
Reliable Hardened Vents for Mark I Containments (5.1)

• Order
  – Take action to ensure reliable hardened wetwell vents
  – Interactions with stakeholders to develop the technical bases and acceptance criteria
Strengthening On-site Emergency Response Capabilities (8)

• Advanced notice of proposed rulemaking
  – Methodology to integrate onsite emergency response processes, procedures, training and exercises
  – Interact with stakeholders to modify the emergency operating procedure generic technical guidelines
Emergency Preparedness Regulatory Actions (9.3)

• RFI pursuant to 10 CFR 50.54(f)
  – Perform a staffing study
  – Evaluate enhancements for licensee communications during SBO
  – Inform the NRC of the results and planned or taken actions

• Evaluate licensee responses and take appropriate regulatory action
Next Steps

• Notation vote paper due

October 3, 2011

– Reflect regulatory actions
– Implementation challenges
– Technical and regulatory basis
– Additional recommendations
– Schedule and milestones for stakeholder engagement and Advisory Committee on Reactor Safeguards review
Acronyms

• NTTF – Near-Term Task Force
• SBO – Station Blackout
• RFI – Request for Information