Near Term Task Force
Recommendations 4.2, 8, and 9.3
Drills/Exercises

Expected Guidance Development

August 8, 2013
NRC staff discussed that most Tier 2 EP Items (except multiunit dose assessment) can potentially be resolved in alignment with Industry commitments to meet NRC Order EA-12-049.

As part of demonstrating compliance with the Order, licensees will conduct periodic drills/exercises for multiunit (as applicable) and prolonged SBO scenarios which will include:

- Identification and acquisition of offsite resources, including command and control
- Procurement of equipment, and location of equipment
- Demonstration of facility capabilities and the equipment needed
• JLD-ISG-2012-01, discusses the staff’s position on the reasonableness of certain sections within NEI 12-06 that may meet NRC Order EA-12-049

• NEI 12-06, discusses FLEX support guidance, which will provide for specific tasks in support of emergency operating procedures and abnormal operating procedures to improve the capability to cope with beyond-design-basis external events; these guidelines will also support EDMG and SAMG strategies

• NEI 12-06 discusses that drills and exercises need to be organized on a team or crew basis and conducted periodically; with all time-sensitive actions to be evaluated over a period of not more than eight years
Expected Guidance Development

- There should be clear guidance from Industry on the conduct of drills/exercises for FLEX, which should also include elements of exercising NTTF Recommendations 4, 8 and 9.3 (facilities and equipment and drills and exercises)

- Items that should be considered within this guidance include:
  - Drill/exercises should be designed to demonstrate:
    - licensee’s familiarity and use of FLEX equipment for multiunit (as applicable) and prolonged SBO events
    - appropriate multiunit (as applicable) command and control, including use of integrated procedures
Expected Guidance Development (cont.)

- Items that should be considered within this guidance include:
  - Drill/exercise objectives
    - include aspects of responses to NTTF 9.3- Staffing and Communication assessments; facilities and equipment; multi-unit dose assessment; and appropriate levels of ERO training
    - be critiqued to identify areas of improvement
    - include aspects of human factors engineering to help determine if a strategy can be implemented
  - Drill participants and periodicity
    - Determine who will be required to participate
    - Establish a frequency for how often drill should be conducted
Expected Guidance Development (cont.)

- Items that should be considered within this guidance include:
  - Drill preparation
    - scheduling and reserving site resources
    - maintenance of site security
    - staff augmentation and letters of agreement
    - performance indicators
  - Scenario development
    - should be a large-scale event that causes a SBO
    - impeded site access given the scenario should be considered for equipment and personnel
    - assumptions with NEI 12-01 and NEI 12-06 should be considered
    - scenario team
    - scenario duration, out of sequence events, and time progression
Expected Guidance Development (cont.)

• Items that should be considered within this guidance include:
  – Drill Implementation and Evaluation
    • onsite personnel response
    • command and control response
    • field responses (i.e., equipment transport; communications)
    • ERO mobilization
    • multiunit dose assessment
  – Drill critique and follow-up
    • FLEX Program and Procedure/Guidance enhancements
    • Training program enhancements
    • Corrective actions
Question for Discussion with Industry

For the implementation of drills/exercises for NTTF recommendations 4, 8, and 9.3; what licensee program organizations will lead this effort?
Path Forward

- NRC will have further meetings regarding the proposed format and content of guidance developed for drills/exercises.
Questions
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