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***“Hostile Action-Based EP Drill/Exercise Initiative”***

**NRC Region IV**  
**Training/Outreach/Planning Workshop**  
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- **Bulletin 2005-02 (July 2005)**
    - EP enhancements based on post 9/11 threat environment
    - Identified short- & long-term expectations
    - Phased approach (hostile action-based EP drills/exercises)
  
  - **Commission SRM (June 29, 2006)**
    - Refocused on broader picture
    - Avoid “pre-conditioning”
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## *Historical Perspective*

- Commission SRM (June 29, 2006):

*“...coordinate with DHS to develop emergency planning exercise scenarios which would help avoid anticipatory responses associated with preconditioning of participants by incorporating a wide spectrum of releases (ranging from little or no release to a large release) and events, including security-based events. These scenarios should emphasize the expected interfaces and coordination between key decision-makers based on realistic postulated events.”*



## *Questions?*

- What is “realistic” for the purposes of demonstrating response capabilities?
- Level of demonstration needed to verify continued reasonable assurance?
- FOCUS: Help avoid pre-conditioning and provide more realistic and challenging aspects by:
  - Event escalation (sequencing)
  - Hostile action & external site-specific threats
  - Varying release
    - Little or no release to a large release
    - Puff vs. continuous release & release points
    - Varying meteorological conditions



## Process

- Step 1: Support for industry “off-year” hostile action-based EP drills (3-year period thru CY 2009)
    - Help to further define unique challenges posed
    - Vet proposed NEI/industry guidelines
  
  - Step 2: NRC/FEMA Exercise Scenario Working Group
    - Provide recommendations addressing Commission SRM (done)
    - Awaiting senior NRC/FEMA management alignment
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## Next Steps:

- Step 3: Expanded FEMA/NRC Exercise Task Force
    - Refine proposed changes to EP regulations and guidance needed based on senior NRC/FEMA management alignment
    - Engage stakeholders
  
  - Step 4: NRC/FEMA EP Rulemakings
    - Address Commission SRM, which includes hostile action-based initiating events
    - NRC Final Rule published (Goal: March 2010)
  
  - Step 5: Complete revisions to NRC/FEMA supporting guidance
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## *Phase III: Non-Evaluated Drills*

- “No fault”
- VISION: Demonstrate unique challenges posed by a hostile action based event
- Opportunity to vet industry guidelines (NEI 06-04) and inform process



## *Phase III: Guidance*

- Revision 1 to NEI 06-04
  - Focused on incorporating lessons-learned to ensure consistency in remaining Phase III drills thru CY 2009
  - Intended for Phase III drill use only
  - NRC intends to make available for stakeholder comment – inform staff
    - Review and submit comments via NRC public website:

<http://www.nrc.gov/about-nrc/emerg-preparedness/respond-to-emerg/hostile-action.html>

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## *Phase III: Staff Observations and Challenges*

- Incident Command Structure (ICS) integration
    - Involvement of law enforcement/fire/medical response organizations
    - Licensee liaisons (disciplines), communications flow/methods
    - Incident Command Post vs. Unified Command vs. EOC
    - Simulate resources/capabilities/liaisons at expected location(s)
    - ICS knowledgeable individual(s) in scenario development & control
  
  - Initial event assessment/mitigation
    - Control Room interface with site security / initial offsite incident response
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## *Phase III: Staff Observations and Challenges*

- Licensee Emergency Response Organization mobilization
    - Use of alternate facilities
    - Coordination/controlled movement of site personnel
  - Control Room staffing / augmentation
  - Importance of State/local involvement in scenario development and drill conduct/critique
  - Maintaining open ENS line (“commercial aircraft threat”)
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## *Summary*

### Initiative involves:

- Continue to gain experience through conduct of Phase III drills (through CY 2009)
- Vision (CY 2010)
  - Implement required EP rulemakings and guidance changes to support biennial exercise scenarios that address:
    - “Pre-conditioning” (Commission SRM)
    - Hostile action-based initiating events (Bulletin 2005-02)



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