



“Realistic Drills and Drill Realism”

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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.”

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

- 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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- 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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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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