



# ***“Enhancements in EP Drills and Exercises”***

## **Hostile Action-Based EP Drill Workshop**

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- 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 releases over 6-year exercise cycle
      - Little or no release to a large release
      - Puff vs. continuous releases & 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)
  
  - Step 2: NRC/FEMA Exercise Task Force
    - Refine proposed changes to EP regulations and guidance needed based on senior NRC/FEMA management alignment
    - Engage stakeholders
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## Next Steps:

- Step 3: NRC EP Rulemaking
  - Address Commission SRM, which includes hostile action-based events, as part of broad rulemaking
  - NRC Final Rule published (Goal: March 2010)
  
- Step 4: Revisions to supporting EP guidance
  - Supplement to NUREG-0654/FEMA-REP-1
  - REP Program Manual

- “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
  - Information on Phase III drills, including related documents, is available on NRC public web site
    - Opportunity to provide comments via web site

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

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- **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
  
  - **Initial event assessment/mitigation**
    - Control Room interface with site security / initial offsite incident response (prior to licensee ERO mobilization)
  
  - **Staffing of licensee emergency facilities**
    - Use of alternate facilities
    - Coordination/controlled movement of site personnel
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- Offsite protective action considerations
    - Shelter-in-place vs. evacuation
    - Augmentation of ORO resources
  
  - Importance of State/local involvement in scenario development and drill conduct/critique
  
  - Commercial aircraft threat scenario
    - Amount of warning will vary based on location of NPP site (Northeast Corridor vs. central US)
    - Track of interest vs. known target
    - Maintaining open ENS line
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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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