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***“Foundation for Hostile Action-Based Drills  
and Challenging EP Exercise Scenarios”***

**Exercise Scenario Enhancements**

**“In-Progress Review” Conference**

**September 24-25, 2008 (Oklahoma City, OK)**

**Joseph D. Anderson**

Security Interface Team Leader

Division of Preparedness and Response

Office of Nuclear Security and Incident Response



## *Historical Perspective*

- **NRC-driven initiative (Bulletin 2005-02)**
    - EP enhancements based on post 9/11 threat environment
    - Long-term expectation that security event (threat) scenario would be incorporated into one biennial exercise over a cycle
  
  - **Regulatory Information Summary (RIS) 2006-12**  
(July 18, 2006)
    - Endorsed Industry White Paper, “Enhancements in EP Programs for Hostile Action”
    - Proposed a “phased” approach
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## *Phase III: Hostile Action-Based EP Drills*

- VISION: Demonstrate unique challenges posed by a hostile action-based (HAB) event
  
- “No fault” (non-evaluated)
  - NRC/FEMA observation
  
- Opportunity to vet industry guidelines (NEI 06-04) and inform process
  - Focus on unique challenges posed by HAB event, rather than full scope of normal REP exercise



## *Phase III: Hostile Action-Based EP Drills*

- RIS 2008-08 (3/19/08) endorsed Revision 1 to NEI 06-04
    - Applicable only to Phase 3 drills
    - Incorporated lessons-learned to ensure consistency in remaining Phase III drills thru CY 2009
  - Endorsement emphasizes key points for consideration:
    - Focus on staff observations (unique challenges)
    - Not limited to Incident Command Post, but key unified command activities
      - Prioritization of activities and coordination of resources with licensee and State/local emergency operations centers
  - Not intended as a fire fighting or mass casualty response drill
    - Focus on response coordination (interface/communications)
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## *Moving Forward*

- Continue to gain experience through conduct of Phase III drills (through CY 2009)
  - HAB EP Drill Working Group (NRC/FEMA/NEI)
  - Support proposed industry workshops
  - Pre-tabletop/drill interface
  - Continued observation
  - Use of “pilot” drills



## Long-Term

- **Commission Staff Requirements Memorandum**  
(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.”*

- **Joint FEMA/NRC Exercise Scenario Task Force**

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## *Biennial Exercise Integration*

- **FEMA/NRC Vision** (Goal: 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)
    - Not require separate “off-year” evaluated drill
  
  - Parallel activities being coordinated with FEMA:
    - Proposed NRC Rulemaking
    - Proposed Supplement to NUREG-0654/FEMA-REP-1
    - Revision to FEMA REP Program Manual
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## NRC Contacts

**Joe Anderson**

Security Interface Team Leader

[joseph.anderson1@nrc.gov](mailto:joseph.anderson1@nrc.gov)

301-415-4114

OR

**Mike McCoppin**

***Phase III Drill Coordination***

[michael.mccoppin@nrc.gov](mailto:michael.mccoppin@nrc.gov)

301-415-2737

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