

Hostile Action-Based (HAB) Scenarios for Biennial Exercises: **NRC Overview**

NEI HAB Exercise Workshop

Annapolis, MD

September 11-12, 2012

Robert Kahler, Chief
Inspection and Regulatory Improvement Branch
Division of Preparedness and Response
Office of Nuclear Security and Incident Response

Specifically addressed a Security [Hostile Action]-based Event:

- Emergency Action Levels (EALs)
- Emergency Response Organization Augmentation
- Accelerated NRC Notification
- Onsite Protective Measures
- Drill and Exercise Program

Posed “*unique challenges*” to existing emergency plans:

- Postulates site in an “unsecured” status
 - Delay in augmentation of emergency response organization (ERO)
 - Accessibility of onsite facilities
- Integrated Response
 - Control Room / ERO / Site Security coordination
 - Incident Command (Near-site LLEA/ORO Interface)

Phase 3 Pilot Drills Lessons-Learned

Information Notice 2009-19

- Scenario Development
- Use of a Predrill Tabletop
- Integrated Response
- Coordination with Security and Law Enforcement
- Coordination of Public Information
- Communications

Codified elements of Bulletin 2005-02:

- **EALs -- HAB events (Appendix E.IV.B.1)**
- **Onsite Protective Action During Hostile Action (Appendix E.IV.I)**
- **Alternate facility/ies (Appendix E.IV.E.d)**
- **HAB exercise scenarios (Appendix E.IV.F.2.c (4)/(5), F.2.d, F.2. I, & F.2.j).**
- **Offsite assistance expected during a hostile action (10 CFR 50 Appendix E.IV.A.7)**

Interim Staff Guidance

NUREG-0654, Section II.C.6 (New Evaluation Criteria)

Each organization shall make provisions to enable onsite response support from OROs ***in a hostile action-based incident*** as needed.

Recommended HAB Objectives

NRC-endorsement of Appendix A to **Revision 2** of NEI 06-04, “Conducting a Hostile Action-Based Emergency Response Drill”

- Established specific *Performance Attributes* for recommended HAB objectives
- Define what constitutes a challenging HAB exercise

Summary

HAB scenario

- One element to be demonstrated in a biennial evaluated exercise in each 8-year exercise cycle
- No/minimum radiological release and rapid escalation to a Site Area Emergency or General Emergency are separate elements NOT tied to HAB scenario
- Poses unique challenges to response
- Principal functional areas of emergency response are adequately demonstrated

HAB Exercise Evaluation

- Discussion of Recommended Objectives / Performance Attributes
- Aspects of NRC Inspection Procedure (IP) 7114.07, “Exercise Evaluation – Hostile Action Event”