

Post-9/11 Emergency Preparedness Initiatives

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**U.S. Nuclear Regulatory
Commission**

Statewide REP Task Force Meeting

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Outline

- NRC Emergency Planning, Preparedness & Response
- Post 9/11 Changes and Challenges
- Post-9/11 Enhancements
 - Onsite enhancements
 - Offsite enhancements

NRC Emergency Planning, Preparedness & Response

- NRC is a Safety, Security & Emergency Preparedness (EP) Organization
- Emergency Preparedness Directorate (EPD) Created to Enhance NRC Focus on Integration of Safety, Security & EP
- EPD Relocated to Nuclear Security & Incident Response (NSIR) to Better Coordinate with Response & Security Responsibilities

Director, Emergency Preparedness Directorate

Section Chief, Inspection & Communications

Section Chief, Licensing & Regulatory Improvements

Communications Team

Inspection Team

Licensing Team

Security Interface Team

Regulatory Improvements Team

- Communications
 - Internal Outreach
 - External
- Outreach
 - Webpage
- Media Center & Public Information Guidance
- Interagency
- International
- KI/Radiopharm

- Inspections (SDP/PI)
- Event Follow-up
- Regional Support
- EP Training Development

- Licensing Actions
- New Reactor Licensing

- FOF Exercise Support
- EP/Security Orders

- Regulatory Guides
- Rulemaking
- Generic Communications
- Information Notices
- Regulatory Issue Summaries

Post-9/11 Changes

- Federal Agency Coordination
- National Response Plan
- Staffing Review
- Force on Force Exercises
- Review of EP Planning Basis

Post-9/11 Challenges

- Terrorist Attack Scenarios
- Challenges to Response
 - Challenges to Resource Deployment
 - Loss of Resources Possible
 - Coordination Issues
 - Threat of Coordinated Attacks on Multiple Facilities

Post-9/11 Enhancements

- EP Enhancements being expeditiously pursued
- Staff plans to issue a bulletin on EP enhancements
- The staff has been working with the NEI Emergency Preparedness and Security Working Group to develop the enhancements communicated in this bulletin
- Response from licensees to Bulletin will be forwarded to the Commission
- Top-to-Bottom Review Meeting on August 2nd will seek stakeholder involvement on range of 9/11 issues

Emergency Preparedness/ Security Interface

■ Onsite (Bulletin)

- Enhanced Emergency Action Levels
- Enhanced Onsite Protective Actions
- Abbreviated Notification to the NRC
- Security-Based EP Drill and Exercises
- Augmented EP Staffing

Enhanced Emergency Action Levels (EALs)

- Proposed Armed Attack EALs
Made More Proactive
- **General Emergency** Remains the
Same

Enhanced Onsite Protective Actions

- Onsite Consideration of Protective Actions for Armed Attacks
- Industry-wide implementation of best practices

Abbreviated Notifications to the NRC

- Abbreviated and Prompt Notification to NRC of Imminent Threat
- NRC Will Notify DHS & Warn Other NPPs
- Implementation of the National Response Plan (NRP) for Incident of National Significance (INS)

Security Based EP Drills & Exercises

- Pilot Drills at 4-6 Plants
- Conduct Observed Exercise (Off-Year?)
at Every Site Over Next 3 Years
- Terrorist Scenarios Part of Routine
Program Thereafter

Augmented EP Staffing

- Originated from 2/25/02 Orders
- Evaluation during FOF exercises and inspections indicate not all licensees have implemented as appropriate
- Reinforce need for ERO staff augmentation

Emergency Preparedness/ Security Interface

■ Offsite

- Enhanced Offsite Protective Actions
- Abbreviated Notification to the Offsite Response Organizations

■ NRC wants your input

Conclusion

- EP Planning Basis Remains Valid
- NRC has placed high priority on post-9/11 Initiatives & Enhancements
- The staff plans to issue a Bulletin to request information related to onsite enhancements to emergency preparedness and response
- Top-to-Bottom Review meeting on August 2nd will address a range of issues broader than the Bulletin, particularly offsite 9/11 issues
- We are seeking your input for offsite 9/11 enhancements

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