

**EMERGENCY PREPAREDNESS  
RESPONSE TO SECURITY EVENTS  
NRC Office of Nuclear Security  
and Incident Response**





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# POST-9/11 ENVIRONMENT CHALLENGES

- **The NRC Recognizes That Many Things Have Changed in the Post-9/11 Threat Environment**
- **Challenges for Emergency Preparedness in Post-9/11 Threat Environment:**
  - **Revised Design Basis Threat**
  - **Communication Strategies**
  - **Coordination Among Federal Agencies (including creation of Department of Homeland Security (DHS) and State DHS Offices)**
  - **Revised National Response Plan**



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# NO NEW INSPECTIONS

- **NRC is not creating new requirements for offsite response organizations (OROs)**
- **NRC is not creating new FEMA inspections for OROs**
- **NRC is attempting to improve the Federal-Local partnership by improving information flow**
- **There will be changes**



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# NEW INITIATIVES

- **Enhancements in EP response to terrorist events**
- **This meeting is a chance to inform stakeholders and get feedback**
- **Changes have been implemented**
- **More changes are being considered**



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# **FORCE-ON-FORCE EXERCISES**

- **NRC conducted pilot force-on-force exercises at numerous NPPs**
- **EP participates in the exercises**
- **Tests the EP-operations-security interface**
- **The NRC oversight program for FOF exercises began 11/1/04**
- **NRC Exercises conducted every 3 years**



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# **EVALUATION OF EP BASIS**

**The staff performed a comprehensive review to verify the effectiveness of the EP Planning Basis in the post-9/11 threat environment**



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# **EVALUATION CONCLUSION**

- **The EP planning basis for nuclear power reactors remains valid**
- **However, implementation can be enhanced (RIS)**



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# RIS ISSUED

- **RIS 2004-15, Emergency Preparedness Issues: Post 9/11**
- **Addressed communications, resource and procedural issues**
- **Provided FOF lessons learned**





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# NPP ADVISORIES

- **NRC will continue to develop advisories to further improve NPP response to security events**
- **An EP advisory is under development**
  - EALs
  - Notifications
  - Mitigation
  - PARs



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# EP CONSIDERATIONS

- **Emergencies declarations**
- **Timing of events relative to notification procedures**
- **Recovery from potential plant damage**
- **Onsite protective actions**



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# ENHANCED OFFSITE NOTIFICATION

- **Early notification of OROs**
- **EALs that anticipate impact of terrorist acts**
- **Notify OROs of events that will be of National Significance**



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# **SECURITY EVENT DRILLS**

- **Improve key skills**
- **Perform in non-graded exercises**
- **Simulate damage from terrorist scenarios**
- **Mitigation of plant damage**



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## **EMERGENCY RESPONSE**

- **The EP planning basis remains valid**
- **Enhancement of implementation procedures for security events**



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**QUESTIONS?**