EMERGENCY PREPAREDNESS RESPONSE TO SECURITY EVENTS

NRC Office of Nuclear Security and Incident Response

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

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

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

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

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

EVALUATION CONCLUSION

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

RIS ISSUED

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

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

EP CONSIDERATIONS

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

ENHANCED OFFSITE NOTIFICATION

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

SECURITY EVENT DRILLS

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

EMERGENCY RESPONSE

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

QUESTIONS?