Post-9/11 Emergency Preparedness Initiatives

U.S. Nuclear Regulatory Commission

Office of Nuclear Security and Incident Response

Health Physics Society

Spokane, Washington

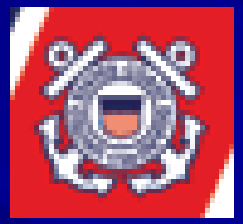
July 2005

NRC Emergency Preparedness & Response

- NRC is a Safety, Security & Emergency Preparedness agency
- Emergency Preparedness Directorate located with the Office of Nuclear Security and Incident Response

Cooperative Efforts

FEMA



Emergency Preparedness and Response Initiatives

- Outreach
- Security
- Early Site Permit
- Comprehensive review of emergency preparedness requirements
- Evacuation studies
- Disaster Restart

Post-9/11 Changes

- Orders issued to nuclear power plants on 2/25/2002
- Review of emergency preparedness planning basis
- Force on Force drills and exercises
- Enhanced Operations Center
- National Response Plan (NRP)

Post 9/11 Challenges

- Terrorist attack scenarios present challenges
  - Emergency preparedness planning basis does not change
  - Differences in accident precursors
- Security events cannot change core melt sequence
- With a different initiating event, the response may be different

Post-9/11 Enhancements

- **Onsite**
  - Enhanced Emergency Action Levels (EAL)
  - Enhanced Onsite Protective Actions
  - Abbreviated Notification to the NRC
  - Security-Based EP Drill and Exercises
  - Augmented EP Staffing
- **Offsite**
  - Abbreviated Notifications to Offsite Response Organizations
  - Enhanced Offsite Protective Actions

Post-9/11 Enhancements

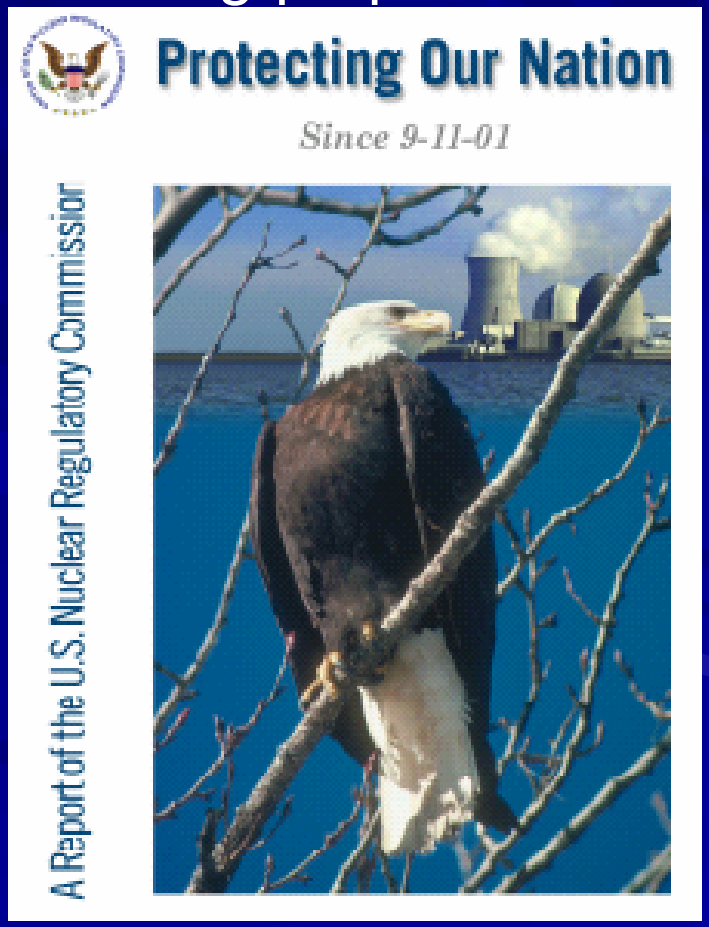
- Commission desires that Emergency Preparedness Enhancements be expeditiously pursued
- The staff plans to issue a Bulletin regarding onsite enhancements
- Comprehensive Review of Emergency Preparedness Meeting will seek stakeholder involvement on range of post-9/11 issues and changes to emergency preparedness guidance/regulations

Conclusion

- NRC has placed high priority in post-9/11 Initiatives & Enhancements Identified for Security Events
- Emergency Preparedness Planning Basis remains valid
- Comprehensive Review of Emergency Preparedness Meeting will address a range of issues, particularly offsite post-9/11 issues

Where to Find Information

http://www.nrc.gov/what-we-do/emerg-preparedness.html



Kathryn Brock

Sr. Emergency Preparedness Specialist

U.S. Nuclear Regulatory Commission
Office of Nuclear Security and Incident Response
Ph: 301-415-2015
E-mail: KMB3@nrc.gov