

# **RIC 2005 Session H3 Emergency Preparedness**

Industry Post 9/11 Initiatives

Alan Nelson

Chief Emergency Preparedness

Nuclear Energy Institute

March 9, 2005



# Nuclear Energy Institute Essential Issue

- Emergency preparedness involves technical or operational issues of significance that can have political and financial impacts on all, or most of the industry

# EP/Security Integration

- NEI EP Working Group
- NEI Security Working Group
- NEI EP/Security Task Force
- Nuclear Sector Coordinating Council



# EP/Security Integration

- NRC EP ICM Implementation
- EP/Security Table Top Drills
- Transition Force on Force Exercises
  - EP Drill Guidelines
  - Lessons Learned
  - NEI Force on Force Forum
    - ◆ September 20-21, 2004



# EP/Security Integration

- Federal Interactions - Calvert Cliffs, Indian Point
  - ◆ Validate National Response Plan
- Full Scale Integrated Exercises - Indian Point, Diablo Canyon
  - Industry Lessons Learned
    - ◆ NEI EP Forum
    - ◆ NREP Conference



# EP/Security Integration

- NEI letter to Administrative Points of Contact 8/3/04
  - Attention to EP/Security Integration
  - Ensure security program modifications are integrated into emergency response and operations
  - Integration examples provided

# Moving Forward Strategy EP/Security Integration

## Phase I

- Ensure that emergency response, operations and security organizations are well integrated
- Formulate NEI EP Security Task Force
- Develop industry guidelines
- Develop scenario abstracts
- Identify industry peer review team
- Develop table top protocol



# Moving Forward Strategy EP/Security Integration

## Phase I (continued)

- Coordinate a pilot program (2005-2006)  
Table Tops
- Drill 4-6 sites within the first year
- Validate guidelines
- FEMA evaluation criteria
- Develop lessons learned
- Coordinate NRC NEI workshop





# Moving Forward Strategy EP/Security Integration

- **Phase II**
  - Complete drills at all sites within 3 years of completion of pilot
  - NRC participation in 1-2 biennial exercises/year



# Moving Forward Strategy EP/Security Integration

- **Phase III**
  - Once all sites have completed initial drill incorporate into 6 year exercise plan



# Moving Forward Strategy EP/Security Integration

- Conduct of activities
  - Table tops
  - Drills
  - Full implementation - After pilot
  - Scenarios - EP response focus



# Summary

- Integrated Security/EP Exercises
  - Coordinate a pilot program (2005-2006) Table Tops, drill 4-6 sites within the first year
  - Program goal
    - ◆ Complete drills at all sites within 3 years of completion of pilot
    - ◆ Off year drill NRC observe
    - ◆ Once all sites have completed initial drill incorporate into 6 year exercise plan



# Looking Forward

- Regulatory basis remains valid, assure stability and predictability, together with public confidence in the industry's ability to respond to an emergency.
- Ensure integration of relevant emergency, operations, and security programs to achieve a consolidated response.



# Looking Forward

- Maintain public confidence that on-site and off-site plans are in place to protect public safety.
- Recognize that nuclear emergency response programs are the standard against which all-hazard response programs are modeled nationwide.



# Looking Forward

- Reaffirm that the technical basis for emergency preparedness remains valid and are appropriately risk-informed (i.e., risk-inform and update guidance on protective action strategies).

