IAEA
Senior Regulators’ Meeting

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Nuclear Power Plant Security-Pre 9/11

- Comprehensive Security Programs, Including:
  - **Physical Security**
    - Barriers
    - Access Control
    - Well Trained Security Force
  - Detection & Assessment Systems
  - Alarm Stations
  - Response Strategies

- **Personnel Security**
  - Background Checks
  - Fitness for Duty
  - Access Authorization

- NRC-approved Security Plans and Implementation Procedures in place
Post 9/11 Prompt Actions

- Added security officers, patrols, and checkpoints
- Increased surveillance of owner-controlled and protected areas
- Increased access authorization controls
- Enhanced physical barriers
- Intensified search procedures
- Re-assessed access authorization lists
- Increased awareness of suspicious activities near the plants
- Increased licensee interaction with NRC on security
- Improved liaison with local agencies
- Enhanced coordination with Federal agencies
  - Particularly Department of Homeland Security
Regulatory Challenges

• The events of September 11, 2001 and Fukushima resulted in a push for rapid regulatory changes
• Rulemaking typically takes 3-5 years
• Issuance of Orders or changing commitments in security plans can be accomplished more quickly, but generally do not allow stakeholder interaction
Information Sharing Challenges

- Safety information is widely shared to enable public awareness and feedback
- Security information more closely controlled precluding stakeholder interaction
- Proper balance necessary
Evolving Set of Challenges

- Post 9/11 Orders
- Evolving Threat
- Safety/Security Interface
- Hostile action drills
- Cyber Security
Addressing Challenges

• Orders followed by Rulemaking
• Providing temporary access to information
• Continuous assessment of the threat
• Safety/Security Interface Requirement
Addressing Challenges (cont’d)

• Interfaces between Emergency Response/Security

• Work to risk inform Cyber Requirements
Summary

• Constantly and Rapidly Evolving Threat
• Need to establish regulatory approaches that can be implemented in a short amount of time
• Need to involve stakeholders as appropriate
• Safety and Security disciplines must work together