



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