



**U.S.NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

# **Briefing on Nuclear Security and Incident Response Programs**

**March 7, 2007**

**Office of Nuclear Security and  
Incident Response**

# Overview

- **Accomplishments – Roy Zimmerman**
- **Addressing Key Challenges**
  - **Preparedness & Response – Melvyn Leach**
  - **Security Policy Program – Patricia Holahan**
  - **Security Oversight Program – Daniel Dorman**
  - **Program Support – Miriam Cohen**
- **Regional Perspectives – Victor McCree**
- **Summary – Roy Zimmerman**

# **Accomplishments**

- **Continued Strong Agency Event Response and Readiness**
- **Effective Drill & Exercise Program**
- **Stable Force-on-Force & Reactor Security Inspection Program**

# **Accomplishments - cont'd**

- **Coordination with Stakeholders**
- **Progress in Security Related Rulemakings**
- **Emergency Preparedness Top to Bottom Review**

# **Accomplishments - cont'd**

- **Successful Hiring**
- **Secure LAN/Electronic-Safe Pilot**
- **Improved Performance Measures/Metrics**

# **Addressing Key Challenges**

## **Preparedness and Response Program**

- **Close Interaction with the Department of Homeland Security**
  - **Security-Based Drill and Exercise Program**
  - **New Reactor Licensing**
  - **Revisions to National Preparedness Policies and Programs**

# **Addressing Key Challenges**

## **Preparedness and Response Program – Cont'd**

- **New Emergency Preparedness Regulations and Guidance**
- **Operations Center Upgrades**
  - **Emergency Response Data System**
  - **Telephone System**
  - **Electronic Library**
  - **Secure Communications**

# **Addressing Key Challenges**

## **Security Policy Program**

- **Stability of the Security Program**
  - **Regulatory Guides for Reactor Security Rulemakings**
- **Close Interaction with Federal & State Partners**
  - **Integrated Response**
  - **Transportation Activities**
  - **Radioactive Source Activities**

# **Addressing Key Challenges**

## **Security Policy Program – Cont'd**

- **New Reactor and Fuel Cycle Applications**
- **Participation in Key International Activities**

# **Addressing Key Challenges**

## **Security Oversight Program**

- **Continuous Improvements in a Stable Program**
- **Second Cycle Force-on-Force**
- **Baseline Inspection Procedures Update**

# **Addressing Key Challenges**

## **Security Oversight Program – cont'd**

- **Spent Fuel Accounting in Physical Protection Cornerstone**
- **Openness and Outreach**
- **Security Training Program**

# **Addressing Key Challenges**

## **Program Support**

- **Staff Development and Engagement**
- **Space Consolidation**
- **Secure LAN/Electronic Safe Deployment**

# **Regional Perspectives**

- **Role of Resident Inspectors in Security Inspection Program**
- **Security Baseline Inspection Procedure Update**
- **Security Training Update**
- **Regional Role in Incident/Event Response**

# Summary

- **Continued Strong Event Response and Readiness**
- **Effective Oversight of Licensee EP and Security Activities**
- **Organizational Maturity**
- **Program Stability**
- **Well Positioned for Future Challenges**

**OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE  
PROGRAM REVIEW**

**Acronyms**

<p>ACP (American Centrifuge Plant)          ANSI (American National Standards Institute)          AO (Abnormal Occurrence)          ASC (Administrative Services Center)          CAT I (Category I)          COOP (Continuity of Operations Plan)          COL (Combined Operating License)          CR (Continuing Resolution)          DHS (Department of Homeland Security)          DOD (Department of Defense)          DOE (Department of Energy)          EEM (Exercise Evaluation Methodology)          e-Library (Electronic Library)          EOC (Emergency Operations Center)          EP (Emergency Preparedness)          ERDS (Emergency Response Data System)          E-Safe (Electronic Safe)          FAA (Federal Aviation Administration)          FBI (Federal Bureau of Investigation)          FEMA (Federal Emergency Management Agency)          FOF (Force-on-Force)          FSAR (Final Safety Analysis Report)          GAO (Government Accountability Office)          GNEP (Global Nuclear Energy Partnership)          IAEA (International Atomic Energy Agency)          INFCIRC (Information Circular)          ISFSIs (Independent Spent Fuel Storage Installations)          ITAAC (Inspection, Test, Analysis, and Acceptance Criterion/Criteria)</p>	<p>LAN (Local Area Network)          LES/NEF (Louisiana Energy Services/National Enrichment Facility)          MILES (Multiple Integrated Laser Engagement System)          MOX (Mixed Oxide)          NEP (National Exercise Program)          NNSA (National Nuclear Security Administration)          NORAD (North American Aerospace Defense Command)          NSCC/GCC (Nuclear Sector Coordinating Council/Government Coordinating Council)          PBX (Private Branch Exchange)          PDC (Professional Development Center)          PIs (Performance Indicators)          PPSDP (Physical Protection Significance Determination Process)          RAMQC (Radioactive Materials Quantities of Concern)          REP (Radiological Emergency Preparedness)          SGI (Safeguards Information)          SILEX (Enrichment Technology)          SLES (Secure LAN E-Safe)          SNM (Special Nuclear Material)          SRM (Staff Requirements Memorandum)          SROP (Security Reactor Oversight Process)          TMI (Three Mile Island)          TTWG (Transit and Transshipment Working Group)          USEC (United States Enrichment Corporation)          WAPI (Wireless Access Protocol Interfaces)</p>
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