



United States Nuclear Regulatory Commission

Protecting People and the Environment

FSME Programs, Performance, and Future Plans

**Charles L. Miller, Director
May 11, 2010**

Agenda

- **Cross-cutting Issues**
- **Materials Security Issues**
- **Cooperation w/ Agreement States**
- **Medical Program Overview**

Agenda (continued)

- **Safety and Security Rulemakings**
- **Outreach and Liaison Activities**
- **Environmental and LLW Program**
- **Decommissioning & Uranium Recovery Program Overview**

Cross-Cutting Issues

- **Office focus on operational issues with complex policy decisions for Commission**
- **International Activities**

Cross-Cutting Issues (cont'd)

**Jennifer M. Golder, Director
Program Planning, Budgeting, and
Program Analysis Staff**

Cross-Cutting Issues

- **OIG Culture and Climate Survey**
- **Information Technology Investments**
 - **National Source Tracking System**
 - **License Tracking System, 2.0**
 - **Integrated Source Management Portfolio**

Materials Security, Cooperation with Agreement States, and Medical Program Overview

**Robert J. Lewis, Director
Division of Materials Safety and
State Agreements**

Security Issues

- **Radiation Source Protection & Security Task Force**
- **Interagency Coordination**
- **Cesium Chloride**
- **Infrastructure- Qualifications, Licensing, Inspection Guidance**

Continued Cooperation with Agreement States

- **New Agreements with New Jersey, Virginia**
- **Agreement State Training Program**

Continued Cooperation with Agreement States (cont'd)

- **FSME's Agreement State Website**
- **Prioritization of Working Groups**
- **Integrated Materials Performance Evaluation Program (IMPEP)**

Medical Program Overview

- **Shared Regulatory Authority**
- **Diagnostic, Therapeutic, Research**
- **Commission Policy Statement on Medical Use of Byproduct Material**
- **Advisory Committee on the Medical Use of Isotopes**

Medical Program Overview (cont'd)

- **Rising Patient Doses and Overexposures**
- **Defining Medical Events**
- **Patient Release Issues**

Medical Program Overview (cont'd)

- **New Modalities**
- **Veterans Administration Lessons Learned Program**
- **FDA Interface**

Materials Rulemakings & Outreach/Liaison Activities

**Mark R. Shaffer, Director
Division of Intergovernmental
Liaison and Rulemaking**

Safety & Security Rulemakings

- **Direct Final Rules (Amendments to Cask Certificates)**
- **Recent & Current Rulemakings**
- **Future Rulemaking Efforts**

Outreach with Tribes

- **Liaison with Native American Tribal Governments**
- **Internal Tribal Protocol (SECY-09-0180)**
- **National Congress of American Indians**

State Liaison Activities

- **Close Coordination with Regional State Liaison Officers (RSLOs)**
- **2009 National State Liaison Officers' Conference**
- **Support to RSLOs on Public Interest Issues**

Environmental & LLW Program, Decommissioning, Uranium Recovery Program Overview

**Larry W. Camper, Director
Division of Waste Management and
Environmental Protection**

Environmental & LLW Program

- **Environmental Support to NMSS**
 - **Enrichment/Fabrication Facilities**
 - **Operating Fuel Facilities (renewals)**
 - **Spent Fuel Storage/Reprocessing**

NEPA Coordination

- **Internal Program Audit**
- **Duke University NEPA Training/
Certificate**
- **Interactions with EPA (case-by-case)**
- **Executive Steering Committee**
- **CEQ Interface**

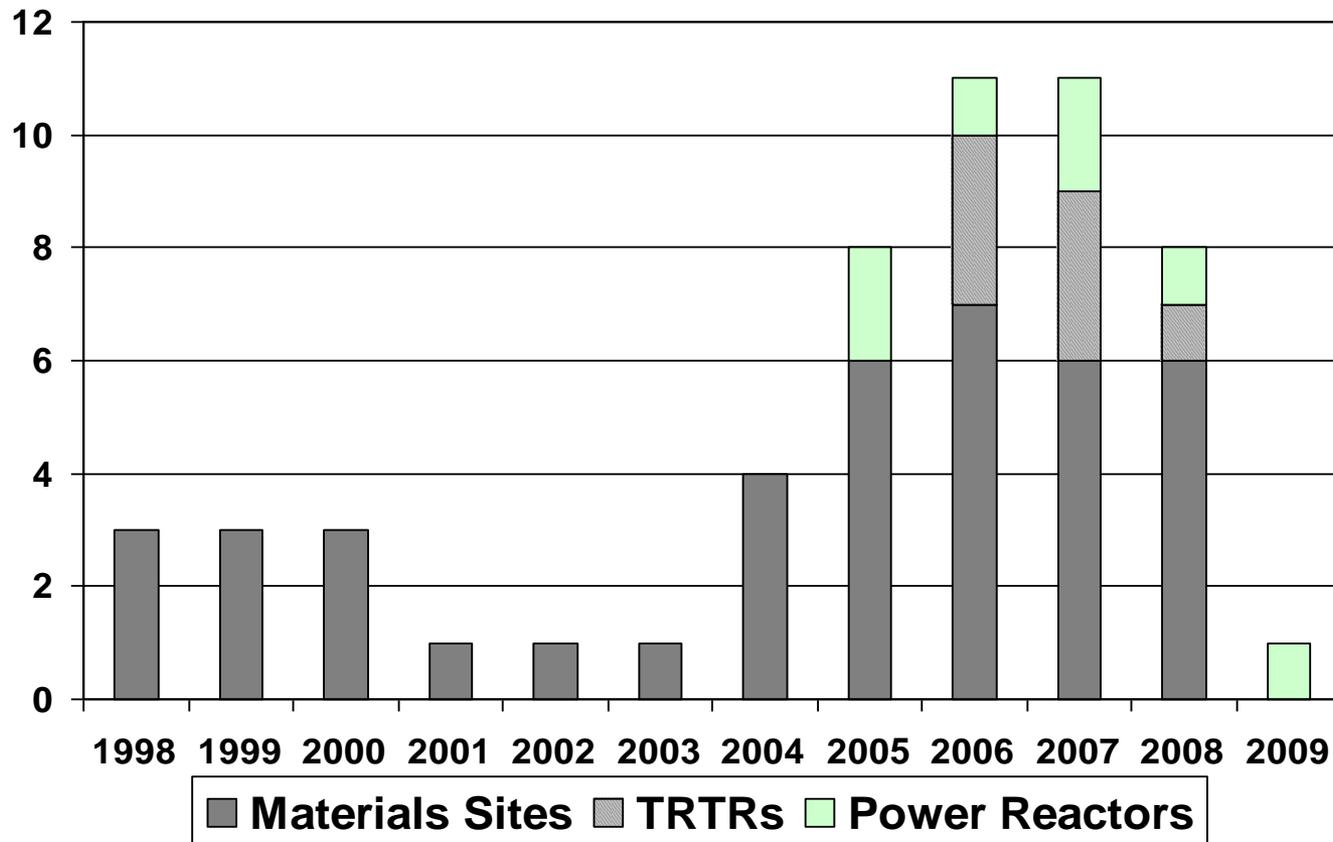
Waste Incidental to Reprocessing (WIR)

- **Interagency Agreement (Historical)**
- **NDAA 2005, Section 3116**
- **Consultation**
- **Monitoring**
- **Interface with States (ID/SC)**

Decommissioning Program

- **Two Decades of Progress**
- **Program Evolution**
- **Process Improvements**
- **Return on Investment**
- **Leadership Status**

Complex Sites Decommissioned



2010 Decommissioning Universe

- **10 Power & 2 Early Demo. Reactors**
- **12 Test, Training, Research Reactors**
- **22 Complex Materials Sites**
- **West Valley Demonstration Project**
- **21 Title I & 11 Title II UMTRCA Sites**
- **6 Title II Sites Transferred to DOE**
- **63 Agreement State Sites**

Challenges

- **Staying vigilant (safety/security)**
- **Impacts of external factors on program budgets and schedules**
- **IT development, implementation, and transition issues**
- **UR safety & environmental timeliness**
- **Long-term monitoring at SRS**

Closing Remarks

- **Volume and Diversity of FSME Workload and Responsibilities**
- **Contributions by Internal and External Stakeholders**

Acronyms

- **CEQ- Council on Environmental Quality**
- **DOE- U.S. Department of Energy**
- **EPA- U.S. Environmental Protection Agency**
- **FDA- U.S. Food and Drug Administration**

Acronyms

- **FSME- Office of Federal and State Materials and Environmental Management Programs**
- **ID- Idaho**
- **IT- Information Technology**
- **LLW- Low-Level Waste**

Acronyms

- **NDAA- National Defense Authorization Act**
- **NEPA- National Environmental Policy Act**
- **NMSS- Office of Nuclear Material Safety & Safeguards**
- **OIG- Office of Inspector General**

Acronyms

- **SC- South Carolina**
- **SECY- Office of the Secretary**
- **SRS- Savannah River Site**
- **TRTR- Test, Research, and Training Reactors**
- **UMTRCA- Uranium Mill Tailings Radiation Control Act**
- **UR- Uranium Recovery**