

Overview

- Technically Diverse
- Support Commission, Executive Director for Operations (EDO), Office of Nuclear Reactor Regulation (NRR), Office of Nuclear Material Safety and Safeguards (NMSS), and Office of Nuclear Security and Incident Response (NSIR)

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- Extensive Collaboration
- Human Capital

Major NRR Support Activities

- New Reactors
- Rulemaking Technical Bases
- Fuel Performance
- Steam Generator Action Plan
- Probabilistic Risk Analysis and Standardized Plant Analysis Risk (SPAR) Model
- Grid Reliability

Major NRR Support Activities, cont.

- Operating Experience and Accident Sequence Precursor (ASP)
- Davis-Besse Lessons Learned
- Regulatory Guide Revision
- Human Factors
- Computer Codes
- Licensing Support

Major NMSS Support Activities

- Decommissioning
- Dry Cask Storage Probabilistic Risk Assessment (PRA)
- Cask Burnup Credit
- Criticality Support

Major NMSS Support Activities, cont.

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- Licensing Support
- Regulatory Guide Revision
- Rulemaking Technical Bases
- Package Performance Study

Major NSIR Support

- Security and Emergency Preparedness
- Incident Response
- Commission Has Been Briefed

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Other RES Assignments

- Abnormal Occurrence Report
- Generic Safety Issues
- Standards Executive
- Committee to Review Generic Requirements (CRGR)
- Radiation Exposure Information and Reporting System
- Risk Communication

Computer Codes

- Thermal-Hydraulic Code Assessment and Maintenance Program (CAMP)
- Severe Accident Cooperative Severe Accident Research Program (CSARP)
- Cooperative PRA (COOPRA)
 Program
- Fuel Performance
- Fire Modeling

Computer Codes, cont.

- Environmental
- Computational Fluid Dynamics (CFD)
- Finite Element Analysis
- Spreadsheets and Mathematical Codes
- Criticality
- Widely Distributed

International Activities

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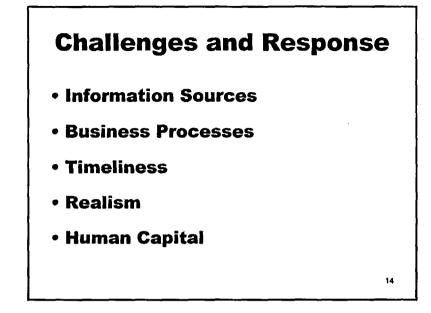
- Support Office of International Programs (OIP)
- Code Support
- Availability of Facilities
- Effectiveness and Efficiency

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Management Accomplishments

- Improved Communications
- Significantly Revised Operating Plan
- Integrated with Supported Offices in Budget and Work Processes
- Revising Office Procedures



Human Capital

- Management Succession
- Staff Succession

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Knowledge Management

Knowledge Management

- Not Information Technology (IT)
- Extension of Existing Knowledge Acquisition, Learning, Training, and Educational Activities
- Systematic Analysis of Knowledge Needs
- Use IT as Needed

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Summary

Strengthening Agency Integration

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Quality Work

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• Human Capital