



Regional Experiences and Challenges

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Focus of Regional Inspections In Assuring Safety and Security of Spent Fuel



- Risk Significant Activities
- Control of Heavy Loads
- Impact on Operating Reactor Plant Systems, Structures, and Components
- Ability to Safely Load Spent Fuel
- Ability to Safely Store Spent Fuel
- Radiation Safety
- Security of Spent Fuel



Multi-Disciplined Inspection Teams



- ISFSI Inspection Team Leader
 - Region ISFSI Inspector
 - Structural Reactor Engineer
 - Health Physicist
 - 50.59 Expert
 - HQ ISFSI Technical Experts
 - HQ ISFSI Inspectors



Regional Experiences



- Well trained and experienced inspectors
- Thorough inspections, focused on safety
- Support from headquarters available
- High number of inspections in recent years
- Frequent communications with industry



Regional Experiences



- Inspections have identified a high number of issues that required corrective action prior to initial loading.
- Non-adherence to design basis or industry standards
- Examples include ISFSI pad analyses, control of heavy loads, incorrect legacy calculations, 72.48, 50.59, and 72.212 issues, inadequate procedures, contingencies not addressed.



Regional Challenges



- Planning, scheduling, and completing inspections
- Tracking open issues
- Timely issuance of Inspection Reports
- Working through complex and potentially generic issues



Inspection Documentation



- Inspections
 - Security
 - ISFSI Pad
 - Dry Run / Pre-Operational Testing
 - Initial Loading
 - Routine Loading
 - Reactive Inspection
- Documentation Format
 - Standalone Reports
 - IMC 0610 Narrative Report
 - IMC 0612 Narrative Report
 - Input to Resident's Quarterly Report



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Questions?

