

REGIONAL INITIATIVES POST DAVIS BESSE



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Session H4: Davis Besse Lessons Learned

BACKGROUND

- ▶ NRC Approach to Davis Besse Event:
 - Self-Critical
 - Open to Lessons-Learned
 - Focused on Continued Improvement
- ▶ Davis Besse Lessons Learned Task Force (DBLLTF) Report Issued October 2002
- ▶ NRC Senior Management Review Team Developed Recommended Actions

DBLLTF REPORT

- ▶ Recommendations in Four Improvement Areas:
 - Stress Corrosion Cracking
 - Operating Experience
 - Inspection, Assessment, and Project Management
 - Barrier Integrity
- ▶ 40+ of 49 Recommendations Completed
- ▶ <http://www.nrc.gov/reactors/operating/ops-experience/vessel-head-degradation.html>

INSPECTION PROGRAM ENHANCEMENTS

► **Revised Inspection Procedures and Guidance**

- Operating Experience (IP71152)
- In-service Inspection for Boric Acid Control (IP71111.08)
- RCS Unidentified Leakage (SDP)
- Containment Walkdowns (Refueling Outage guidance)
- Repetitive Problem/Event Reports

► **Regional Operations**

- Inspector Training
- Site Inspector Coverage Policies
- Licensee Performance/Event Assessment and Documentation

REGIONAL ACTIONS

- ▶ Regions Used DBLL to Benchmark and Share Best Practices
- ▶ 2004 Regional Best-Practices Projects:
 - Morning Meetings
 - Incident Response
 - Regional Operations

REGIONAL MORNING MEETINGS BEST PRACTICES

Activities Important to Effectively Communicate Reactor Issues:

- ▶ Plant Operational Status
- ▶ Regional Administrative Activities
- ▶ Inspection Findings, Analysis, and Planning
- ▶ Licensee Activities
- ▶ Incident Response Program Decisions
- ▶ SDP Status
- ▶ Operating Experience

REGIONAL INCIDENT RESPONSE PROGRAM BEST PRACTICES

Best Practices to Improve NRC's Incident Response Program:

- ▶ Program Oversight
- ▶ Training
- ▶ Response Roster
- ▶ Regional Duty Officers
- ▶ Exercise Coordination
- ▶ Incident Response

REGIONAL OPERATIONS BEST PRACTICES

Best Practices for Regional Operations:

- ▶ Additional inspections inside containment
- ▶ Catalog NRC generic communications
- ▶ Focus PI&R inspections on deferred action items
- ▶ Cross-plant comparison of significant issues
- ▶ Notebooks used to track plant issues
- ▶ Use of IT to inform regional staff of inspection issues

CONTINUING BENCH MARKING EFFORT

Four Issues Planned for 2005:

- ▶ Financial / Human Resources / Cost Management Tracking Tools
- ▶ Management Roles and Responsibilities
- ▶ Consistent Implementation of Operating Experience
- ▶ Inspector Field Operations

CONTINUING IMPROVEMENT

- ▶ NRC Has Embarked on a Course of Continuous Improvement:
 - Born of Davis Besse
 - Proceeding on Its Own Course
- ▶ Regional Operations
 - Management Information System
 - Effectiveness Assessment
 - Organizational Alignment
 - Improved Communications
 - Consistency Among Regions
- ▶ Implementation of Reactor Inspection Program