

# 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