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# 0350 Panel Briefing for NRC Senior Management Davis-Besse Oversight Activities

## Panel Restart Deliberation Briefing

### February 23, 2004

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 7A15  
2004-140  
Folk



# Briefing Book Contents

- **Confirmatory Action Letter**
- **0350 Panel Charter**
- **Licensee Return to Service Plan**
- **NRC Restart Checklist**
- **0350 Panel Process Plan**
- **Significant Inspection Findings / End of Cycle Summary Report**
- **Public Interactions**
- **Briefings for Public Officials**



## **0350 Panel Formation**

- **March 2002 Discovery of Degradation**
- **Augmented Inspection Team**
- **Confirmatory Action Letter**
- **0350 Decision**
- **Restart Checklist**



## **0350 Panel Process**

- **Focus on Safety**
- **Panel Process Plan**
- **Restart Action Matrix**
- **Restart Checklist Closure**
- **Internal Panel Meetings**
- **Communications Plans - Communication Team**
- **Licensing Activities**



# **Licensee's Assessment of Root Causes**

- **Reactor Pressure Vessel Head degradation caused by PWSCC and Boric Acid Corrosion**
- **Lack of Nuclear Safety Focus Led to Acceptance of Degraded Plant Conditions**
- **Other Deficiencies Determined in Corrective Action Programs, Engineering Analyses, Procedure Compliance, Quality Assurance Oversight, Operations Leadership and Safety Focus of Company Nuclear Review Board**



# **NRC's Most Challenging Areas**

- **Corrective Action Program**
- **Engineering Analyses**
- **Operations Performance**
- **Safety Culture - Management and Human Performance**
- **Ongoing Investigation Status**
- **Public Access and Stakeholder Involvement**



# Corrective Action Program

- **Licensee Found Deficiencies in the Implementation of their Corrective Action Program**
- **2002 SSDI inspection found numerous system design issues which were placed in CAP**
- **Licensee's Program Review and Enhancements**
- **Corrective Action Team Inspection of Licensee's Resolution of SSDI findings and RAM Items**



# Engineering Analyses

- **Replacement of the Reactor Pressure Vessel Head**
- **High Pressure Injection Pumps, Emergency Sump, and Containment Coatings**
- **CATI Identified Weaknesses in Resolution of Design Issues and Engineering Analyses**



## **Operations Performance**

- **September 2003 NOP Test**
- **December 2003 RRATI Results**
- **Late December Operational Challenges**
- **January 2004 Corrective Actions and Management Changes**
- **February 2004 RRATI Follow-up**



# **Safety Culture - Management and Human Performance**

- **Review of Licensee Root Cause**
- **Review of Licensee's Corrective Actions**
- **Review of Effectiveness of Corrective Actions**
- **November 2003 Survey Results**



# **Public Access and Stakeholder Involvement**

- **Over 70 Public Meetings**
- **More than 50 briefings for Federal, State, and Local Officials**
- **Davis-Besse Public Web Site**
- **Several Thousand Letters and E-Mails**
- **Three 10 CFR 2.206 Petitions**
- **Demonstrated our Public Availability and our Focus on Safety**



# **Panel Recommends Confirmatory Order at Restart**

- **Ensure Performance Improvements are Lasting**
- **Requires Independent Outside Assessment**
- **Areas include Safety Culture, Engineering, Corrective Actions, and Operations**
- **Mid-cycle Outage Related Activities**



# Oversight Should Restart Be Authorized

- **Around-the-clock Inspection of Start-up Activities**
- **Inspections to Confirm Licensee Actions Related to the Order**
- **Enhanced Inspections Related to NRC Performance Indicators**
- **Resident Inspection Staff has been Augmented**
- **Davis-Besse Oversight Panel will Continue to Assess Licensee's Performance and Guide NRC actions**



## **0350 Panel Outcomes**

- **0350 Panel Focused Agency Resources on Safety**
- **Used Methodical Regulatory Processes**
- **Effectively Monitored and Assessed Licensee Improvement Efforts**
- **Enhanced Public Confidence**
- **Achieved the Agency's Mission and Goals**



# **Panel Conclusions and Recommendations**

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