

From: Randal Baker, *RIB*
To: DB Panel; Doug Weaver; James Caldwell
Date: 2/25/04 12:07PM
Subject: Final Briefing Slides for Commissioners' TA Brief 02-25-04

Attached is the final slide presentation for today's briefing.

Jane, any assistance you may provide to get color copies printed out for the people who will attend the brief there, would be greatly appreciated!

Thanks!

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B-30



**0350 Panel Briefing for
Commissioners' Technical Assistants**

Davis-Besse Oversight Activities

February 25, 2004



Davis-Besse Oversight Activities

0350 Oversight Panel Members

- **John Grobe, Chairman, Davis-Besse Oversight Panel**
- **William Ruland, Project Director, Division of Licensing and Project Management, NRR**
- **Christine Lipa, Branch Chief - Projects Branch 4, RIII**
- **David Hills, Branch Chief, Mechanical Engineering Branch, RIII**
- **John Jacobson, Senior Metallurgical Engineer, RIII**
- **Anthony Mendiola, Section Chief PDIII-2, NRR**
- **Jon Hopkins, Project Manager, NRR**
- **Christopher (Scott) Thomas, Senior Resident Inspector - Davis-Besse**
- **Sonia Burgess, Senior Reactor Analyst, RIII**



0350 Panel Formation

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



Davis-Besse Oversight Activities

Confirmatory Action Letter 3-02-001

Issued March 13, 2002

- **Quarantine Vessel Head Material**
- **Determine Root Cause**
- **Extent of Condition Throughout Reactor Coolant System**
- **Repair or Replace Vessel Head**
- **Meet with NRC to Obtain Restart Approval**
- **Complete and Submit Safety Significance Assessment**



Davis-Besse Restart Checklist

- 1. Adequacy of Root Cause Determinations**
- 2. Adequacy of Safety-Significant Structures, Systems, and Components**
- 3. Adequacy of Safety-Significant Programs**
- 4. Adequacy of Organizational Effectiveness and Human Performance**
- 5. Readiness for Restart**
- 6. Licensing Issue Resolution**
- 7. Confirmatory Action Letter Resolution**



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**



Panel Proposing Confirmatory Order at Restart

- **Provides Additional Information That Performance Improvements are Lasting**
- **Would Require Independent Outside Assessment**
- **Areas: 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**