

Status of the CNS BWRVIP Program

December 13, 2002

Introduction

- Program Health (Jim Salisbury)
- Program Assessments (Ken Thomas)
- Spring 2003 Inspections (Ken Thomas)
- Integrated Surveillance Program (Ken Thomas)
- Future Activities (Ken Thomas)
- Conclusion (Jim Salisbury)

Program Health

- Historical review
- Two assessments completed
- Designated BWRVIP Committee representatives
- BWRVIP is a stand-alone program
- CNS meets the BWRVIP Program Implementation Guide (BWRVIP-94)

INPO Assessment

- Performed July 2002
 - ◆ INPO Team Leader
 - ◆ Five Industry Peers
- Results include Beneficial Practices and Recommendations
 - ◆ No significant issues identified

INPO Assessment - Beneficial Practices

- **Inspection Assessment** – *An extensive and critical self-assessment was performed on the vessel and internals program and inspection activities.*
- **Core Plate Analysis** – *The analysis of the core plate shows that we can continue operation through the Spring 2006 outage and is based on conservative assumptions.*
- **BWRVIP System Health Meeting** – *An effective tool for sharing information, focusing resources, and aligning individuals on vessel and internals issues. The meetings will help ensure important information is communicated as the program develops with changing BWRVIP guidelines.*

INPO Assessment - Recommendations

- Maintain Management Oversight
- Prepare for Core Shroud Re-Inspection
- Develop Core Spray Repair Contingencies
- Maintain Oversight of Vendor Activities
- Improve Program and Inspection Documentation
- Pursue Hydrogen Injection System Operation
- Develop Long-term Mitigation Strategy
- Improve Operations Procedures and Training

Spring 2003 Inspections

BWRVIP-18 Core Spray

- ◆ Reinspection of Core Spray piping flaws (UT)
- ◆ Examine P9 welds (UT)
- ◆ Examine the junction box top and bottom surfaces (EVT-1)

BWRVIP-27 Standby Liquid control

- ◆ Perform enhanced leakage inspection (insulation removed)

BWRVIP-38 Shroud Support

- ◆ Examine additional Gusset Plates (EVT-1)

BWRVIP-41 Jet Pump

- ◆ Examine Additional Jet Pumps (EVT-1)

BWRVIP-48 Vessel Attachment Welds

- ◆ Examine additional vessel attachment welds (EVT-1)

Integrated Surveillance Program

- CNS is committed to the ISP
- Technical Specification Amendment for ISP will be submitted
- Supplemental Surveillance Specimens will be removed during the Spring 2003 outage for testing.

Future Actions

Implement Hydrogen Injection

- ◆ Scheduled for December 2002

BWRVIP-76 Core Shroud

- ◆ Reexamine Core Shroud Fall 2004

BWRVIP-25 Core Plate

- ◆ Plant specific analysis completed
- ◆ Inspection not required until Spring 2006

Conclusion

- At the completion of Spring 2003 Outage, CNS will be up to date on inspections
- INPO recommendations tracked in the Corrective Action Program
- Integrated Surveillance Program on schedule
- CNS is consistent with the rest of the industry