



**PUBLIC MEETING**  
**BETWEEN U.S. NRC OVERSIGHT PANEL AND FIRSTENERGY**  
**OAK HARBOR, OHIO**

November 13, 2002, 2:00 p.m. EDT

Purpose of Meeting: Discuss Licensee's Progress on Implementing  
the Return to Service Plan

**AGENDA**

- I. Introduction and Opening Remarks
- II. Summary of October 16<sup>th</sup> Public Meetings
- III. Discussion of NRC's Restart Checklist and Status of NRC Inspections
- IV. Licensee Presentation on the Status of Their Return to Service Plan
- V. Adjourn NRC meeting with FENOC  
  
<break>
- VI. Public Comments and Questions of NRC  
  
Local Members of the Public / Others
- VII. Adjourn Meeting



## **U.S. NUCLEAR REGULATORY COMMISSION DAVIS-BESSE OVERSIGHT PANEL**

### **\*SUMMARY OF OCT. 16, 2002 PUBLIC MEETING**

- Davis-Besse's Return to Service Plan
  - "Building Blocks"
  - 1. Reactor Vessel Head Resolution
  - 2. Containment Health Assurance
  - 3. System Health Assurance
  - 4. Programs Compliance
  - 5. Management and Human Performance Excellence
  - 6. Restart Testing
  - 7. Restart Action Plan

\*Transcripts of the Oct. 16, 2002, meetings will be available on our web site. <http://www.nrc.gov/>

**U. S. Nuclear Regulatory Commission  
Manual Chapter 0350 Oversight Panel**

**Davis-Besse Restart Checklist, Revision 1**

| Item Number/<br>Cornerstone* | Description   |
|------------------------------|---|
| 1.                           | <b>Adequacy of Root Cause Determinations</b>                                      |
| 1.a<br>IE                    | Penetration Cracking and Reactor Pressure Vessel Corrosion                        |
| 1.b<br>IE                    | Organizational, Programmatic and Human Performance Issues                         |
|                              |   |
| 2.                           | <b>Adequacy of Safety Significant Structures, Systems, and Components</b>         |
| 2.a<br>IE                    | Reactor Pressure Vessel Head Replacement  |
| 2.b<br>BI                    | Containment Vessel Restoration Following Reactor Pressure Vessel Head Replacement |
| 2.c<br>IE, MS, BI            | Structures, Systems, and Components Inside Containment                            |
| 2.c.1<br>MS, BI              | Emergency Core Cooling System and Containment Spray System Sump                   |
| 2.d<br>IE, MS, BI            | Systems Outside Containment   |
|                              |   |
| 3.                           | <b>Adequacy of Safety Significant Programs</b>                                    |
| 3.a<br>ALL                   | Corrective Action Program   |
| 3.b<br>ALL                   | Operating Experience Program  |
| 3.c<br>ALL                   | Quality Audits and Self-Assessments of Programs                                   |
| 3.d<br>IE, MS, BI            | Boric Acid Corrosion Management Program   |
| 3.e<br>IE, MS, BI            | Reactor Coolant System Unidentified Leakage Monitoring Program                    |

|                   |  |
|-------------------|--|
| 3.f<br>IE, MS, BI | In-Service Inspection Program  |
| 3.g<br>ALL        | Modification Control Program   |
| 3.h<br>ORS, PRS   | Radiation Protection Program   |
|                   |  |
| 4.                | <b>Adequacy of Organizational Effectiveness and Human Performance</b>  |
| 4.a<br>ALL        | Adequacy of Root Cause   |
| 4.b<br>ALL        | Adequacy of Corrective Actions   |
| 4.c<br>ALL        | Effectiveness of Corrective Actions  |
|                   |  |
| 5.                | <b>Readiness for Restart</b>   |
| 5.a<br>IE, MS     | Systems Readiness for Restart  |
| 5.b<br>IE         | Operations Readiness for Restart   |
| 5.c<br>IE, MS, BI | Test Program Development and Implementation  |
|                   |  |
| 6.                | <b>Licensing Issue Resolution</b>  |
| 6.a<br>IE, BI     | Verification that Relief Requests A8 and A12 regarding the Shell to Flange Weld (previously submitted by letter dated September 19, 2000) is not Impacted by the Midland RPV Head          |
| 6.b<br>IE, BI     | American Society of Mechanical Engineers (ASME) Code Relief Request for Failure to Maintain Original Radiographic Tests of the Midland Head to Flange Weld (Planned Relief Request A26)    |
| 6.c<br>IE, BI     | ASME Code Relief Request for Inability to Radiographically Test 100% of the Midland Reactor Pressure Vessel Head to Flange Weld (Planned Relief Request A27)                               |
| 6.d<br>IE, BI     | Resubmit Relief Request A2 (previously submitted by letter dated September 19, 2000) for ASME Code for Inability to Perform 100% volumetric and surface examination of Head to Flange Weld |

|               |  |
|---------------|--|
| 6.e<br>IE, BI | Reconciliation Letter that Demonstrates How the New Reactor Pressure Vessel Head Correlates With the ASME Code and QA Index for Section III and Section XI - Commitments |
| 6.f<br>IE, BI | Verification Letter of Technical Specification Pressure/Temperature Curves for New Vessel Head - Commitment  |
|               |  |
| 7.            | <b>Confirmatory Action Letter Resolution</b>   |
| 7.a<br>ALL    | Verification that Confirmatory Action Letter Items are Resolved, Including a Public Meeting to Discuss Readiness for Restart   |

\*Cornerstones:

IE - Initiating Events  
MS - Mitigating Systems  
BI - Barrier Integrity  
EP- Emergency Preparedness  
ORS - Occupational Radiation Safety  
PRS - Public Radiation Safety  
PP - Physical Protection  
ALL - Affects all cornerstones



## **RESULTS OF RECENTLY COMPLETED NRC INSPECTIONS**

1. Reactor Pressure Vessel Head Replacement and Containment Restoration
2. Structures, Systems, and Components Inside Containment
3. Systems Outside Containment
4. Resident Inspection



## **CONTINUING NRC INSPECTIONS**

1. Organizational Effectiveness and Human Performance
2. Safety Significant Program Effectiveness
3. Resident Inspection



**PUBLIC MEETING**  
**U.S. NUCLEAR REGULATORY COMMISSION**  
**OAK HARBOR, OHIO**

November 13, 2002, 7:00 pm EDT

Purpose of Meeting:        Inform the Public of the NRC's  
   Oversight Panel Activities

One of the goals of this meeting is to receive comments / questions from all interested members of the public. To ensure we hear all comments, please limit comments or questions to 5 minutes each. We will follow the format from previous meetings where we start with local members of the public.

**AGENDA**

- I.    Introduction and Opening Remarks
- II    Summary of Vessel Head Degradation Issue
- III.   Summary of Today's Public meeting
- IV.   Comments/Questions from local members of the public
- V.    Comments/Questions from all members of the public
- VI.   Adjourn Meeting