



## **Public Meeting**

**Between USNRC Oversight Panel  
and FirstEnergy Nuclear Operating  
Company **November 12, 2003****



**Davis-Besse Oversight Panel - Public Meeting November 2003**

## **PURPOSES OF THIS MEETING**

- **Inform the Public of the NRC's Oversight Panel Activities**
- **Discuss Licensee's Progress on Implementing the Return to Service Plan**



## Davis-Besse Oversight Panel - Public Meeting November 2003

# AGENDA

- **Introduction and Opening Remarks**
- **Summary of October 7th Public Meetings**
- **Discussion of Significant NRC Activities Since October 7th Public Meeting**
- **Corrective Actions Team Inspection (CATI) Results**
- **Normal Operating Pressure (NOP) Inspection Results**
- **Completeness & Accuracy of Information Inspection Results**
- **Licensee Presentation on the Status of Their Return to Service Plan**
- **Adjourn NRC meeting with FENOC <break>**
- **Public Comments and Questions of NRC**
- **Adjourn Meeting**



Davis-Besse Oversight Panel - Public Meeting November 2003

## **\*SUMMARY OF OCTOBER 7, 2003**

### **PUBLIC MEETING**

- **Topics Discussed**
  - **Outage Accomplishments**
  - **NOP Test Challenges (Equipment & Operational)**
  - **Assessment of Organizational Processes**
  - **Oversight Perspective**
  - **Results/Lessons-Learned from NOP Test**
  - **Remaining Actions for Restart**

\*Transcripts of the October 7, 2003 meetings will be available on our web site.

<http://www.nrc.gov/>



Davis-Besse Oversight Panel - Public Meeting November 2003

## **SIGNIFICANT NRC ACTIVITIES SINCE OCTOBER 7 PUBLIC MEETING**

- **Closed Restart Checklist Item 2.d - Extent-of-Condition of Boric Acid in Systems Outside Containment**
- **Closed Restart Checklist Item 3.c - Quality Audits and Self-Assessments of Programs**
- **Closed Restart Checklist Item 3.i – Process for Ensuring Completeness and Accuracy of Required Records and Submittals to the NRC**
- **Closed Restart Checklist Item 5.a – Review of Licensee’s Restart Action Plan**



**Davis-Besse Oversight Panel - Public Meeting November 2003**

## **SIGNIFICANT NRC ACTIVITIES SINCE OCTOBER 7 PUBLIC MEETING (cont.)**

- **Issued Final Yellow Finding on Containment Sump Potential Clogging**
- **Issued Preliminary Greater Than Green Finding on HPI Pump Design Deficiencies**
- **Normal Operating Pressure Inspection**
- **Completeness and Accuracy of Information Inspection**
- **Maintenance Rule Inspections**



**Davis-Besse Oversight Panel - Public Meeting November 2003**

## **CONTINUING NRC ACTIVITIES**

- **Safety Culture / Safety Conscious Work Environment Inspection**
- **Resident Inspections**



**Davis-Besse Oversight Panel - Public Meeting November 2003**

## **UPCOMING NRC ACTIVITIES**

- **Engineering & Maintenance Backlog Inspection**
- **Restart Readiness Assessment Team Inspection**
- **Next NRC Public Meeting – December 3<sup>rd</sup>, 2:00 pm EST, Oak Harbor High School**





# **Corrective Action Team Inspection (CATI)**



## **BACKGROUND**

- **Davis-Besse vessel Head Degradation identified in February 2002**
- **Corrective Action Program (CAP) failures contributed to the Head Degradation**
- **FENOC initiated actions to improve the corrective action program**



## CATI INSPECTION ACTIVITIES

- **Reviewed over 400 condition reports**
- **Reviewed numerous corrective action related documents**
- **Observed & assessed various management oversight corrective action meetings and conducted interviews**
- **Reviewed Corrective Action Program implementation audits and assessments**



Davis-Besse Oversight Panel - Public Meeting November 2003

## INSPECTION RESULTS

- **CATI identified 28 examples of potential violations of NRC requirements**
- **Violations appeared to be of very low safety significance**
- **Concerns were identified in three corrective action implementation areas**



Davis-Besse Oversight Panel - Public Meeting November 2003

## **THREE AREAS OF CONCERN**

- **Effectiveness in the identification and cause evaluation of design and equipment issues**
- **Effectiveness in the implementation of corrective actions to address engineering issues (adequacy of calculations)**
- **Effectiveness in the implementation of corrective action elements supporting programs (trending)**



## CATI TEAM CONCLUSIONS

- **Team concluded that the corrective action process has improved, however, significant staff effort and vigilance is needed**
- **Significant management oversight is warranted to continue needed improvements**
- **Effectiveness reviews need to be completed to accurately assess Corrective Action Program long term viability**



Davis-Besse Oversight Panel - Public Meeting November 2003

## **NRC CORRECTIVE ACTION TEAM** **INSPECTION GOALS**

- **Assess effectiveness of FENOC Corrective Action Program implementation**
- **Evaluate effectiveness in addressing design and equipment issues**
- **Assess management involvement in the Corrective Action Process**
- **Evaluate effectiveness of FENOC Independent Oversight**
- **Verify that the implementation of the Corrective Action Process can ensure safe and reliable plant condition**



**Davis-Besse Oversight Panel - Public Meeting November 2003**

## **TEAM COMPOSITION**

- **Nuclear Power expertise and experience**
- **Multiple Engineering disciplines**
- **Corrective Action Program Inspection experience**





**Davis-Besse Oversight Panel - Public Meeting November 2003**

# **PUBLIC MEETING**

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

**November 12<sup>th</sup>, 2003, 7:00 pm EST**

## **Purpose of Meeting:**

**Inform the Public of the NRC's  
Oversight Panel Activities**



## Davis-Besse Oversight Panel - Public Meeting November 2003

# GOALS

- **Brief Public With Results of Afternoon Meeting with FENOC**
- **Receive Comments and Questions From 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.**