



AGENCY ACTION REVIEW MEETING COMMISSION BRIEFING

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List of Acronyms

- **AARM – Agency Action Review Meeting**
- **AO – Abnormal Occurrence**
- **CAL – Confirmatory Action Letter**
- **CY – Calendar Year**
- **EOC – End-of-Cycle meeting**
- **FAQ – Frequently Asked Question**
- **FY – Fiscal Year**
- **MSPI – Mitigating Systems Performance Index**
- **NMED – Nuclear Materials Event Database**
- **PI – Performance Indicator**
- **PM – Performance Measures**
- **ROP – Reactor Oversight Process**
- **SDP – Significance Determination Process**

Elements of the AARM

- **NRC Management Directive 8.14**
- **Review of agency actions:**
 - ▶ **Industry trends (SECY-05-0069)**
 - ▶ **Reactor Oversight Process (ROP) self-assessment (SECY-05-0070)**
 - ▶ **Individual plants per action matrix**
 - ▶ **Significant nuclear material issues and licensee trends**



REACTOR LICENSEE BRIEFING

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James Caldwell, RIII

Bruce Mallett, RIV

Stuart Richards, NRR/DIPM/IIPB

Reactor Industry Trends Program

- **Identifies trends in safety performance**
- **Communicates performance to stakeholders**
- **Provides feedback to ROP**
- **Supports NRC performance goals**

FY 2004 Results

- **No statistically significant adverse trends in safety performance**
- **All industry trend performance indicators within short term prediction limits**

ROP Self-Assessment

- **Annual self-assessment to consider if program goals are met and to identify areas for improvement**
- **Diverse inputs for self-assessment**
 - ▶ **Self-Assessment metrics**
 - ▶ **ROP internal feedback process**
 - ▶ **Comments from external survey**
 - ▶ **Feedback at meetings/conferences**
 - ▶ **Direction from the Commission**

Overall Results

- **Effective in monitoring plant activities and focusing resources**
- **Successfully supported agency goals**
- **ROP improved based on feedback and lessons learned**
- **Most metrics were met**
- **Continued focus on stakeholder involvement**
- **Range of views on ROP**

Performance Indicator (PI) Program

- **Significant activities/results**
 - ▶ **Mitigating Systems Performance Index (MSPI)**
 - ▶ **Complicated Scrams PI**
 - ▶ **Davis-Besse Lessons Learned Task Force action item follow up – Reactor Coolant System Leakage**
 - ▶ **One self-assessment metric not met**

Performance Indicator (PI) Program (cont)

- **Challenges and planned actions**
 - ▶ **Improve timeliness and efficiency of the Frequently Asked Questions (FAQs) process**
 - ▶ **Discuss with stakeholders the role of PIs in identifying poorer performing plants**
 - ▶ **Implement MSPI**

Inspection Program

- **Significant Activities/Results**
 - ▶ **Baseline Inspection Program completed**
 - ▶ **Implemented Davis-Besse Lessons Learned Task Force action items**
 - ▶ **Pilot engineering inspections**
 - ▶ **All self-assessment metrics met**

Inspection Program (cont)

- **Challenges and planned actions**
 - ▶ **Adjust existing inspection resources based on results**
 - ▶ **Assess results of pilot engineering inspection**
 - ▶ **Improve inspection of safety culture**

Significance Determination Process (SDP)

- **Significant activities/results**
 - ▶ **SDP improvement plan progress**
 - ▶ **Continued development of SDPs**
 - ▶ **Four self-assessment metrics not met**

Significance Determination Process (cont)

- **Challenges and planned actions**
 - ▶ **Further improve SDP
timeliness/efficiency**
 - ▶ **Develop pre-solved Phase 2 tables**
 - ▶ **Finalize additional SDPs**

Assessment Program

- **Significant activities/results**
 - ▶ **Improved guidance on substantive cross-cutting issue documentation**
 - ▶ **Improved guidance on exiting multiple/repetitive degraded cornerstone column with similar adjustments being implemented for IMC 0350 facilities**
 - ▶ **All self-assessment metrics met**

Assessment Program (cont)

- **Challenges and planned actions**
 - ▶ **Documenting cross-cutting aspects in inspection reports**
 - ▶ **Lessons learned from Davis-Besse Oversight Panel**

ROP Deviations CY 2004

- **Indian Point Unit 2**
- **Cooper**
- **Salem/Hope Creek**

Resources/Resident Demographics

- **Resource expenditure trends**
- **Demographic trends**
 - ▶ **Lower resident turnover rate compared to CY 2003**
 - ▶ **Experience level remains high**

Plant Discussion – Cooper

- **Reason for Discussion**
- **Current Performance**
- **Next steps**

Plant Discussion – Point Beach

- **Reason for Discussion**
- **Current Performance**
- **Next steps**

Plant Discussion – Perry

- **Reason for Discussion**
- **Current Performance**
- **Next steps**

Plant Discussion – Davis-Besse

- **Reason for Discussion**
- **Current Performance**
- **Next steps**



MATERIALS LICENSEE BRIEFING

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Samuel Collins, RI

William Travers, RII

Material Licensee Performance Evaluation Program

- **Systematic review of available information**
 - ▶ **Identify significant issues and performance trends**
 - ▶ **Confirm adequacy of programs and actions being taken**
 - ▶ **Identify candidate material licensees for discussion at AARM**

Material Licensee Trends Evaluation Program

- **Performance monitored and measured through use of graded approach**
 - ▶ **Strategic Outcomes**
 - ▶ **Performance Measures**
 - ▶ **Abnormal Occurrence Criteria**
 - ▶ **Reporting requirements/precursor metrics**

Material Licensee Trends Evaluation Program Fiscal Year 2004 Results

- **All NRC strategic and performance goals in Materials and Waste Arenas met in FY 2004 (all goals met since FY 1997)**
- **No significant adverse trends identified**
- **Few events occurring per licensee**

Material Licensee – Honeywell International, Inc.

- **Reason for Discussion**
- **Current Performance**
- **Next steps**

Material Licensee – Westinghouse Columbia Fuel Plant

- **Reason for Discussion**
- **Current Performance**
- **Next steps**

Material Licensee – Baxter Healthcare Corporation

- **Reason for Discussion**
- **Current Performance**
- **Next steps**

Summary

The AARM:

- **Continues to be an integral part of the NRC oversight process**
- **Provided opportunity to review actions taken for licensees with significant performance problems**
- **Provided opportunity to review industry and licensee performance trends**