



Briefing on the Results of the Agency Action Review Meeting

May 14, 2009

Bill Borchardt, EDO

Agenda

- Plant Discussion
 - Palo Verde: Elmo Collins, RIV
- Industry Trends Program –
Frederick Brown, NRR
- ROP Self-Assessment –
Frederick Brown, NRR

Agenda (cont.)

- Materials and Waste Programs Performance: Charles Miller, FSME
- Facility Discussion
 - Nuclear Fuel Services, Inc. : Luis Reyes, RII

Plant Discussion - Palo Verde

- NRC Activities to Confirm Safety and Assess Effectiveness of CAL
 - Inspections
 - Public Meetings
- Palo Verde Actions in 2008

Plant Discussion - Palo Verde

- Current Performance Assessment
 - Overall Performance Improved
 - Closed CAL and Substantive Cross Cutting Issues
- Actions Going Forward
 - Focused CAL Follow Up Inspections
 - Periodic Public Meetings

Reactor Industry Trends Program

- Identifies Trends in Safety Performance
- Communicates Performance To Stakeholders
- Complements the ROP
- Supports NRC Performance Goals

FY 2008 Reactor Trend Results

- No Statistically Significant Adverse Trends in Safety Performance
- Short term performance was within expected ranges
- No Significant Accident Sequence Precursors

ROP Self-Assessment

- Reviewed Against Program Goals
- Met Performance Goals and Achieved Intended Outcomes
- Safety Improved at Specific Plants as Result of ROP Implementation

2008 AARM Follow Up Actions

- Clarify Meaning and Use of “Green” PIs
- Evaluate Improvements to ROP Metrics for PIs and SDP
- Evaluate Resident Inspector Attraction and Retention Issues

ROP Discussion Topics

- Action Matrix Deviations
- Several ROP Enhancements
- Consistent ROP Resources

2009 ROP Focus Areas

- Consistently Implement SCCI Guidance
- Followed development in Safety Culture Initiative
- Ongoing Effort to Further Improve the PI Program

Materials and Waste Programs Performance

Provide a summary of the materials and waste program's performance

Performance Evaluation Program

- Systematic review to identify significant:
 - Operational performance trends
 - Licensee performance issues
 - NRC program issues/gaps

Performance Criteria

- Strategic Outcomes
- Performance Measures
- Abnormal Occurrences
- Significant Enforcement Actions
- Trending review of Event Data
- SECY-02-0216 and SECY-08-0135

Strategic Outcomes & Performance Measures

- All Strategic Outcomes were realized
- Performance Measures were all within the established goals

Abnormal Occurrences

- Ten abnormal occurrences (AOs) in FY 2008
- All AOs in FY 2008 were medical-related events
- No discernable trends on total number of AOs

Escalated NRC Materials Enforcement Actions

- 118 escalated enforcement actions in calendar year 2008
- Two cases involved severity level II violations
- No significant performance trends identified

Licensee Performance/ NRC Program Gaps

- Two nuclear materials licensees met the significant performance issues criteria for FY 2008
- No significant trending issues identified
- No NRC program gaps or failures identified

Trending Review of Event Data

- Reviewed 10 years - 5,227 events during this period
- No significant performance trends identified
- No significant change from previous 10 year period (5,053 events)

Review of General Licensed Device Events

- Data Reviewed to determine:
 - Type of general licensed device (GLD) events that have been reported
 - Any trends regarding GLDs

Review of General Licensed Device Events

- General Findings:
 - 546 events involved 7,776 GLDs for the time period 1/1/1998 to 12/31/2008
 - Tritium exit signs accounted for 93 percent of the GLDs for these events

Review of General Licensed Device Events

- Conclusions:
 - The NRC is evaluating the cause for the large number of tritium exit sign related events
 - No other trends were found during this study

Materials Licensee Briefing on Nuclear Fuel Services, Inc.

- Reasons for Discussion
- NRC Actions
- Current Performance
- NFS' Compliance with Order
- Next Steps

Conclusions

- All strategic and performance goals were met in FY 2008
- No adverse performance trends identified
- Enhancements to the ROP

List of Acronyms

- AARM – Agency Action Review Meeting
- AO – Abnormal Occurrence
- ASP – Accident Sequence Precursor
- CAL – Confirmatory Action Letter
- EDO – Executive Director of Operations

List of Acronyms (cont)

- FMSE – Office of Federal and State Materials and Environmental Management Programs
- FY – Fiscal Year
- GLD – General Licensed Device
- IMC – Inspection Manual Chapter
- IP – Inspection Procedure
- ITP – Industry Trends Program

List of Acronyms (cont)

- MD – Management Directive
- NRC – Nuclear Regulatory Commission
- PI – Performance Indicator
- PI&R – Problem Identification and Resolution
- PRA – Probabilistic Risk Assessment
- RII – Region II

List of Acronyms (cont)

- RIV – Region IV
- ROP – Reactor Oversight Process
- SCCI – Substantial Cross-Cutting Issue
- SDP – Significance Determination Process
- SRM – Staff Requirements Memorandum