



Briefing on the Results of the Agency Action Review Meeting

June 4, 2008

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Agenda

- Individual Plants
 - Perry: Jim Caldwell, RIII
 - Palo Verde: Elmo Collins, RIV
- ROP Self-Assessment – Eric Leeds, NRR
- Industry Trends Program – Eric Leeds, NRR

Agenda (cont.)

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

Plant Discussion– Perry

- Reason for Discussion
 - Column IV – 1st quarter 2007
- Performance Since Exiting Column IV
 - Column II – Two White PIs in Mitigating Systems
 - Substantive Cross-Cutting issue in Human Performance

Plant Discussion - Palo Verde

- Entered Column IV December 2006
- Summary of Recent Activities
 - 95003 Inspection
 - Revised CAL
 - Palo Verde Improvement Plan

Plant Discussion - Palo Verde

- Current Performance Assessment
 - Some Improvements noted
 - Continuing Challenges
- Actions Going Forward
 - Conduct CAL Inspections
 - Conduct Periodic Public Meetings

ROP Self-Assessment

- Reviewed Against Program Goals
- Met Performance Goals and Achieved Intended Safety Outcomes
- Focused Resources on Performance Issues
- Meaningful Stakeholder Input

Commission Guidance

- ROP Action Matrix Changes
- Resident Inspector Demographics
- Continue to Improve the Performance Indicator Program
- Annual Assessment Press Release

Discussion Topics

- 2007 Deviations Granted
- ROP Enhancements
- ROP Resources
- Security Openness

Reactor Industry Trends Program

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

FY 2007 Results

- No Statistically Significant Adverse Trends in Safety Performance
- No Short-term Prediction Limits Were Exceeded
- No Significant Accident Sequence Precursors

Indicator Development

- New Industry-Wide Indicator – Baseline Risk Index For Initiating Events (BRIIE)
- Commission SRM actions completed
- Will be included in FY 2008 Report

Materials and Waste Programs Performance Objective

- Provide a summary of the materials and waste program's performance
- Discuss changes made to the Nuclear Material Events Database Report

Performance Evaluation Program

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

Performance Criteria

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

Strategic Outcomes & Performance Measures

- All goals were met in FY 2007

Abnormal Occurrences

- Eleven abnormal occurrences (AOs) in FY 2007
- All AOs in FY 2007 were medical related events
- No discernable trends on total number of AOs or when comparing NRC and Agreement State AO Data

Escalated NRC Enforcement Actions

- 84 escalated enforcement actions from October 1, 2006 thru December 31, 2007
- One enforcement action resulted in a severity level II violation

Licensee Performance / NRC Program Gaps

- No nuclear materials licensee met the significant performance issues criteria
- No significant trending issues identified
- No NRC program gaps or failures identified

New NMED Report

- Focuses on high risk-significant events
- Shows comparison between NRC and Agreement States
- Changes focus from a quarterly to an annual basis
- Adds IAEA Categorization to lost & stolen source events

Trending Review of Event Data

- Reviewed 10 years - 5,053 events during this period
- No significant performance trends identified
- No significant change from previous 10 year period (5,260 events)

Review of Portable Gauge Losses & Thefts

- Data Reviewed to determine:
 - Any trends in the area of portable gauge losses and thefts in general.
 - Any measurable results from the 30.34(i) rulemaking that became effective in 2005.

Review of Portable Gauge Losses & Thefts

- No clear trend
 - Short term data shows possible drop in losses and thefts after 2005
- Need to continue to watch over the next 2-3 years.

Materials Licensee Briefing on Nuclear Fuel Services, Inc.

- Reasons for Discussion
- NRC Actions
- Current Performance
- Independent Safety Culture Assessment
- Next Steps

Conclusions

- All strategic and performance goals were met in FY 2007
- No changes made to NRC oversight plans
- No adverse performance trends identified

List of Acronyms

- AARM – Agency Action Review Meeting
- AO – Abnormal Occurrence
- ASP – Accident Sequence Precursor
- BRIIE – Baseline Risk Index for Initiating Events
- CAL – Confirmatory Action Letter
- EDO – Executive Director of Operations

List of Acronyms (cont)

- FMSE – Office of Federal and State Materials and Environmental Management Programs
- IMC – Inspection Manual Chapter
- IP – Inspection Procedure
- ITP – Industry Trends Program
- MD – Management Directive
- NMED – Nuclear Material Events Database

List of Acronyms (cont)

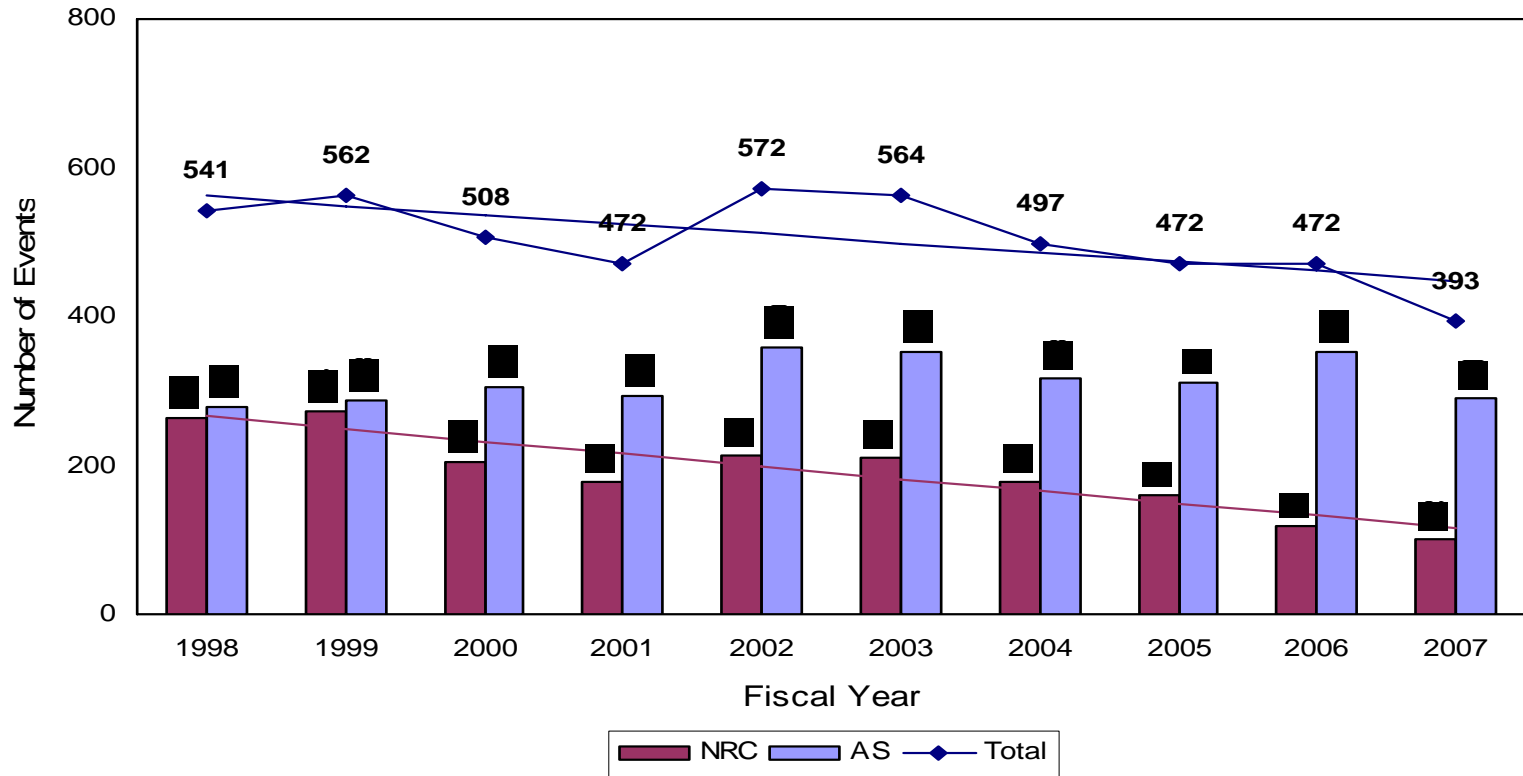
- NMSS – Nuclear Material Safety and Safeguards
- NRC – Nuclear Regulatory Commission
- PI – Performance Indicator
- PI&R – Problem Identification and Resolution
- PRA – Probabilistic Risk Assessment

List of Acronyms (cont)

- RII – Region II
- RIII – Region III
- RIV – Region IV
- ROP – Reactor Oversight Process
- SDP – Significance Determination Process
- SRM – Staff Requirements Memorandum

Backup Slides

New NMED Report



New NMED Report

Table 1. Summary of Trending Analysis

Event Type	Total	NRC	Agreement State
All NMED Events	↘	↘	-
Lost/Abandoned/Stolen Material (LAS)	-	↘	↗
Medical (MED)	-	↘	-
Radiation Overexposure (EXP)	-	-	-
Release of Licensed Material or Contamination (RLM)	↘	↘	↘
Leaking Sealed Source (LKS)	-	↘	-
Equipment (EQP)	↘	↘	-
Transportation (TRS)	-	-	-
Other (OTH)	NA	NA	NA

Notes:

- ↗ indicates a statistically significant increasing trend.
- ↘ indicates a statistically significant decreasing trend.
- indicates no statically significant trend.
- NA indicates that the data does not support trending analysis.