



Briefing on the Results of the Agency Action Review Meeting

**Bill Borchardt, EDO
June 1, 2012**

Objectives

- **Review agency actions for material and reactor licensees**
- **Coordinate agency actions**
- **Review industry trends**

Overview

- **No significant adverse trends and no gaps or failures for the Materials and Waste Programs**
- **No significant adverse trends and no program adjustments recommended for the ROP**
- **Agency actions ensured licensed facilities continued to operate safely**

Agenda

- **Materials and Waste Performance Trends - Mark Satorius, FSME**
- **Industry Trends Program and ROP Self-Assessment - John Lubinski, NRR**
- **Reactor Licensee Discussions:**
 - **Fort Calhoun - Elmo Collins, RIV**
 - **Browns Ferry - Vic McCree, RII**

Materials and Waste Performance Trends

**Mark A. Satorius,
Director, FSME**

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**

Strategic Outcomes & Performance Measures

- **All strategic outcomes were realized**
- **Safety performance measures were met**
- **Security performance measure was exceeded by one occurrence**



Abnormal Occurrences

- **23 AOs in FY 2011**
- **Number of AOs are small compared to number of uses with radioactive material**
- **No significant performance trends were identified**

Review of Abnormal Occurrences

- **Performed a study to examine a trend in the number of abnormal occurrences**
- **No significant trends identified when looking at actual date of abnormal occurrence**

Licensee and NRC Program Performance

- **No significant trending issues**
- **No NRC program gaps or failures**

Reactor Assessments

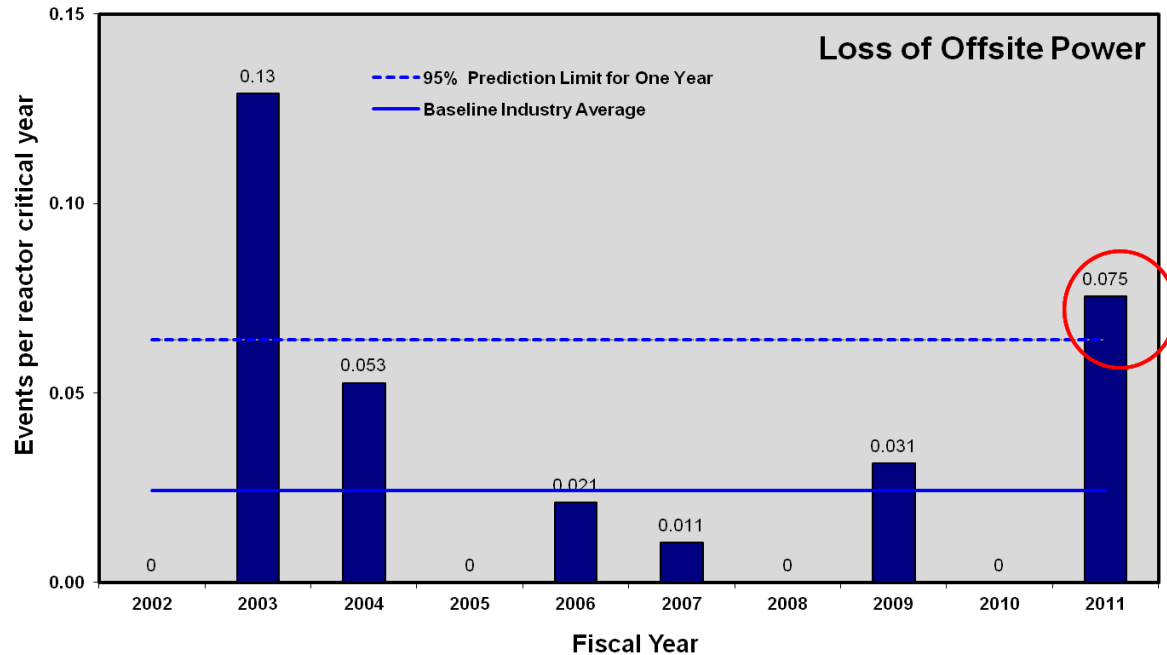
**John Lubinski,
Deputy Director, DIRS, NRR**

Industry Trends Program

- **Industry-level performance trends**
- **Objective thresholds for action**

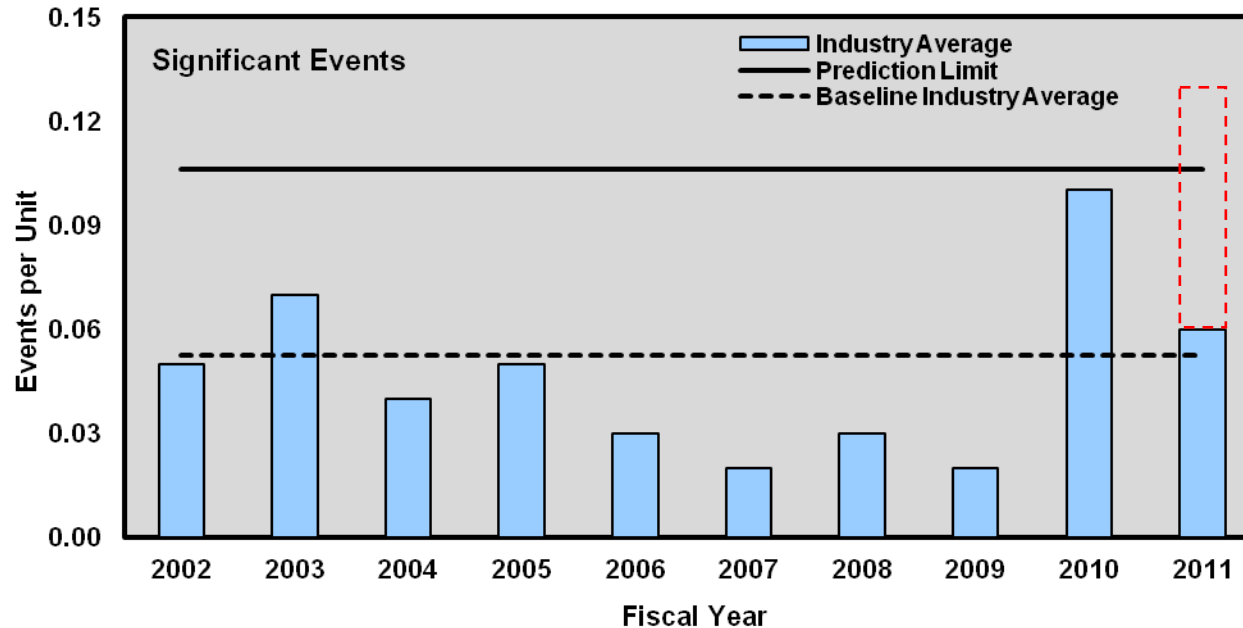
FY 2011 Industry Trends Results

- **BRIIE-LOOP category exceeded prediction limit**



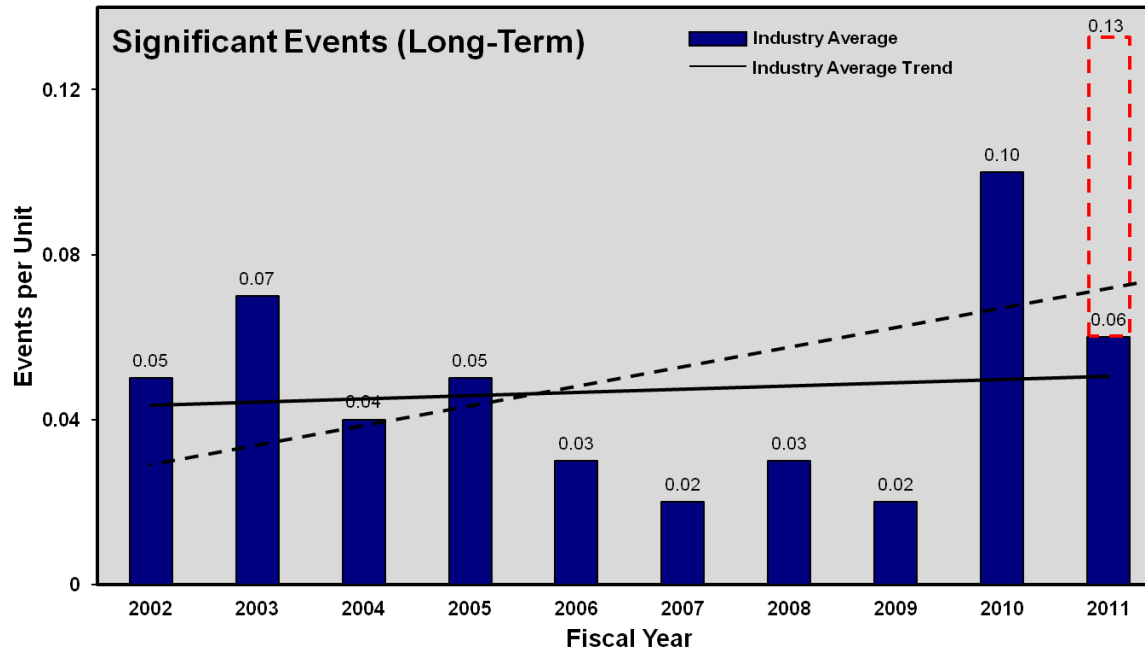
FY 2011 Industry Trends Results

- **Potential to exceed short-term prediction limit**



FY 2011 Industry Trends Results

- **No long-term significant adverse trends**



FY 2011 Industry Trends Results

- **LOOP events do not represent declining industry performance**
- **Proposed revision to Station Blackout Rule (NTTF Recommendation 4.1)**

FY 2011 Industry Trends Results

- **No other indicators notable**
- **Significant Accident Sequence Precursor evaluation**
- **No program adjustments recommended**

ROP Self-Assessment

- **Reviewed against program goals**
- **Met performance goals and achieved intended outcomes**
- **No specific commitments from CY 2011 self-assessment**

2012 Focus Areas

- **Reintegrate security into ROP assessment program**
- **Engage stakeholders on potential enhancement to Public Radiation cornerstone**
- **Finalize common language for Safety Culture for power reactors**

Action Matrix Deviation and Licensee Performance

- **No new deviations in 2011**
 - **Closed Vermont Yankee that was opened in 2010**
- **Result of operating reactor licensees discussion**

Additional AARM Discussion Topics

- **Evaluate purpose and format of Annual ROP Assessment Public Meetings**
- **Continue to explore opportunities to improve effectiveness and efficiency of AARM discussion**

Review of Fort Calhoun Performance

**Elmo Collins
Regional Administrator, RIV**

Fort Calhoun Station

- **Background**
- **Significant actions completed**
- **Going forward**

Review of Browns Ferry Performance

**Victor M. McCree
Regional Administrator, RII**

Browns Ferry

- **Background**
- **Performance overview**
- **Performance assessment**
- **Going forward**

Background

- **Multiple Repetitive Degraded Cornerstone**
- **Past year performance**
- **Basis for discussion**

Performance Overview

- **Part 1 and Part 2 IP 95003 Results**
- **Browns Ferry independent (3rd party) safety culture assessment**
- **NFPA 805 Confirmatory Order**

Performance Assessment

- **Equipment Reliability**
- **Performance improvement**
- **Safety culture**

Going Forward

- **IP 95003 Part 3**
- **NFPA 805 Transition**
- **Confirmatory action letter follow-up**
- **Assessment of interim and long term performance**

List of Acronyms

- **AARM – Agency Action Review Meeting**
- **AO – Abnormal Occurrence**
- **BRIIE – Baseline Risk Index For Initiating Events**
- **CY – Calendar Year**

List of Acronyms (cont.)

- **DIRS – Division of Inspection and Regional Support**
- **EDO – Executive Director for Operations**
- **FSME – Office of Federal and State Materials and Environmental Management Programs**

List of Acronyms (cont.)

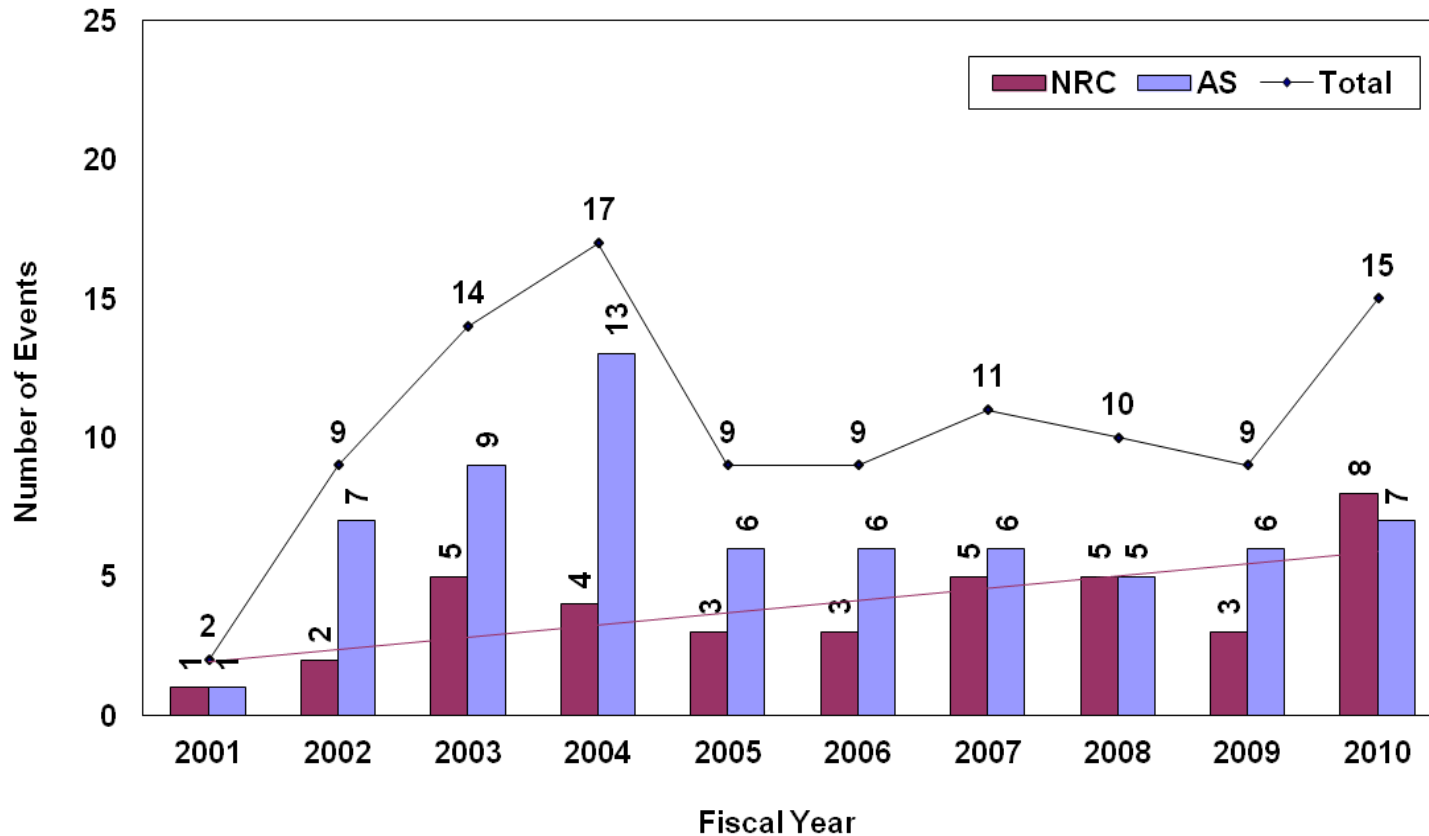
- **FY – Fiscal Year**
- **IP – Inspection Procedure**
- **LOOP – Loss of Offsite Power**
- **NFPA – National Fire Protection Association**
- **NRC – U.S. Nuclear Regulatory Commission**

List of Acronyms (cont.)

- **NRR – Office of Nuclear Reactor Regulation**
- **NTTF – Near Term Task Force**
- **RII – Region II**
- **RIV – Region IV**
- **ROP – Reactor Oversight Process**

Backup Slides

AOs Based on Abnormal Occurrence Report to Congress



AOs Based on Date of Actual Occurrence

