



# **ROP COMMISSION BRIEFING**

**William Travers, EDO  
William Kane, DEDR  
Sam Collins, NRR  
Hub Miller, Region I  
Ellis Merschoff, Region IV  
Tom Boyce, NRR  
Mark Satorius, NRR**

# **Introduction**

- **Plant Discussions/ AARM Results**
- **Industry Trends**
- **ROP Self-Assessment**

# **Assessment Process under the ROP**

- **End-of-Cycle Meetings - All plants**
- **EOC Summary Meeting - Specific plants based on ROP Action Matrix column**
- **Annual Assessment Letters - All plants**
- **Annual Public Meetings - All plants**
- **Agency Action Review Meeting - Specific plants based on ROP Action Matrix column**

# **Elements of the Agency Action Review Meeting**

- **Conducted IAW approved draft Management Directive 8.14**
- **Review of Agency Actions:**
  - **Individual plants per Action Matrix**
  - **Industry Trends Program (SECY-02-0058)**
  - **ROP Self-Assessment (SECY-02-0062)**
- **Material facility concerns, as applicable**

# **Indian Point 2/Cooper Plant Discussions**

- **Background**
- **Inspection Activities**
- **Current Status**
- **Public Interface**
- **Next Steps**

# Industry Trends

- **Background**
- **Communications**
- **Process**
- **FY01 Results**
- **Future Development**

# **Background**

- **NRC Performance Goal Measure**
- **Purposes**
- **Relationship to NRC Processes**

# **Communications**

- **Indicators Published on NRC Web Site**
- **Annual Report to Commission**
- **Annual Report to Congress in NRC  
Performance and Accountability Report**
- **Conferences with Industry**



# Process

- **Identify Any Statistically Significant Adverse Industry Trends**
- **Evaluate Underlying Issues and Assess Safety Significance**
- **Agency Response IAW Existing NRC Processes for Generic Issues**
- **Review at AARM**

# **FY01 Results**

- **No Statistically Significant Adverse Industry Trends in Safety Performance**
- **Insufficient Data on ROP Indicators (<4 Years)**
- **Two Indicators Exceeded “Prediction Limits”**

# **Future Development**

- **SRM of 8/2001 - Develop Risk-Informed Thresholds “as Soon as Practicable”**
- **Enhanced Performance Goal Measure• Potential Additional Indicators**
- **Improved Data Collection and Reporting**

# **ROP Self-Assessment**

- **Background**
- **Overall Results**
- **Self-Assessment Activities**
- **Program Area Results**
- **General Program Issues**
- **Conclusions and next steps**

# Background

- **April 2, 2000: ROP Initial Implementation**
- **June 25, 2001: SECY-01-0114, “Results of the Initial Implementation of the New Oversight Process”**
- **December 31, 2001: Completed ROP2 (with transition to a calendar year)• ROP2 self-assessment results documented in SECY-02-0062, “Calendar Year 2001 Reactor Oversight Process Self-Assessment”**

# **Overall Results**

- **Gained greater confidence in program**
- **Effective in monitoring plant activities**
- **Program meeting Agency's goals**
- **Progress on addressing previously identified issues**
- **Despite successes, challenges remain**

# **Self-Assessment Activities**

- **Self-assessment metrics - audits, RPS data**
- **Interface with internal stakeholders - counterpart meetings, bi-weekly ROP conference calls, focus groups, etc.**
- **Interface with external stakeholders - monthly ROP public meetings, FRN solicitation, other industry forums**

# Inspection

- **Significant accomplishments**
  - Completed a comprehensive review of all inspection procedures
  - Revised resource estimates to reflect experience
- **Planned actions**
  - Issue inspection report guidance
  - Revise physical protection inspection procedures



# **Significance Determination Process**

- **Significant accomplishments**
  - **Revised occupational and radiation safety SDPs**
  - **Implemented training for newly-revised reactor safety SDP**
  - **Accelerating benchmarking of reactor safety SDP phase 2 notebooks**

# **Significance Determination Process**

- **Planned actions- implement improvement plan**
  - **Improve timeliness and consistency**
  - **Early resolution of technical issues**
  - **Continue to improve SDP process and tools**
  - **Improve the clarity of risk-informed ROP decision guidance**
  - **Clarify expectations for ASP and SDP process coordination**

# Performance Indicators

- **Significant accomplishments**
  - Revision to NEI 99-02
  - Improved existing SSU PIs and guidance on treatment of fault exposure hours
- **Planned actions**
  - Conduct pilot program to test unavailability and unreliability PIs
  - Develop improved physical protection and barrier integrity PIs

# Assessment

- **Significant accomplishments**
  - Guidance for treatment of old design issues
  - Role of the Commission
  - Eliminated “no color” inspection findings
  - Guidance for cross-cutting issues
- **Planned actions**
  - Approval level for Action Matrix deviations
  - Clarify expectations for exiting the multiple/repetitive degraded cornerstone

# **General Program Issues**

- **ROP feedback process**
- **Resident inspector demographics**
- **Inspection program resources**

# Conclusions

- **Program successes**
  - Supports the Agency's four performance goals
  - Monitoring plant activities, identifying significant performance issues, and ensuring appropriate corrective action taken
  - Effectively communicating assessment results to the public

# Conclusions (continued)

- **Next steps**
  - Implement improvement actions
  - Continue self-assessment and feedback activities
  - Consider internal survey this year
  - Increased focus on consistency of program implementation
  - Continue stakeholder outreach