



# **RESULTS OF THE AGENCY ACTION REVIEW MEETING**

**Jon Johnson, NRR**

**Hub Miller, Region I**

**Jim Dyer, Region III**

**Michael Johnson, NRR**

# **Assessment Process Under the ROP**

- **End-of-Cycle Meetings - All Plants**
- **EOC Summary Meetings - 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 in Accordance with Approved Draft Management Directive 8.14**
- **Review of Agency Actions:**
  - **Individual Plants per Action Matrix**
  - **Industry Trends Program (SECY-01-0111)**
  - **ROP Self Assessment (SECY-01-0114)**
- **Management Topics, including Any Material Facilities Concerns**

# **Plant Discussions**

- **Indian Point 2 - in the Multiple/ Repetitive Degraded Cornerstone Column of the ROP Action Matrix**
- **D.C. Cook - status briefing and transition into the ROP**
- **All Other Operating Reactors were Reviewed During the End-of-Cycle Meetings and Actions were taken IAW the Appropriate Column of the Action Matrix**

# Industry Trends

- **Background**
- **Purpose and Objectives**
- **Approach**
- **Process**
- **Communications**
- **Results to Date**
- **Future Development**

# **Background**

- **Improving Industry Trends an Important Impetus for Revising ROP**
- **Reported Annually to Congress on Strategic Plan Measure of “No Statistically Significant Adverse Industry Trends in Safety Performance”**
- **Used Indicators from Former AEOD and Accident Sequence Precursor (ASP) Program**

# **Purpose**

- **Process Provides Means to Confirm That Operating Reactor Safety Performance Is Being Maintained by the Nuclear Industry**
- **Complements ROP and Processes for Addressing Generic Issues and Evaluating Operating Experience**
  - **Generic Communications Process in NRR**
  - **Generic Safety Issues Process in RES**

# **Objectives**

- **Collect and Monitor Industry-Wide Data**
- **Assess the Significance and Causes for Adverse Industry Trends**
- **Respond Appropriately to Any Safety Issues**
- **Communicate Results and Actions to Congress and Other Stakeholders**



# Approach

- **Used Existing Programs for Initial Set of Indicators (AEOD Indicators, ASP Program, ROP Pls, Operating Experience in RES)**
- **Based on Quantitative Industry-wide Data**
- **Trends Identified Using Long Term Data Vice Short Term ( $\leq 4$  Years)**
- **Statistically Significant Adverse Trends Are Evaluated and Agency Response Will Be Commensurate with Safety Significance**
- **New Indicators Qualified for Use in Phases**

# **Process**

- **Identification of Statistically Significant Adverse Trends**
- **Evaluation to Determine Extent of Underlying Issues and Possible Root Causes**
- **Agency Response IAW Generic Communication Process (SECY-99-143) and Generic Issues Process**
- **Review of Results of Investigations and Actions at AARM**

# **Communications**

- **Industry Indicators Published on NRC Web Site as They Are Developed - Quarterly Updates**
- **Annual Report to Commission**
- **Annual Report to Congress in NRC Performance and Accountability Report**

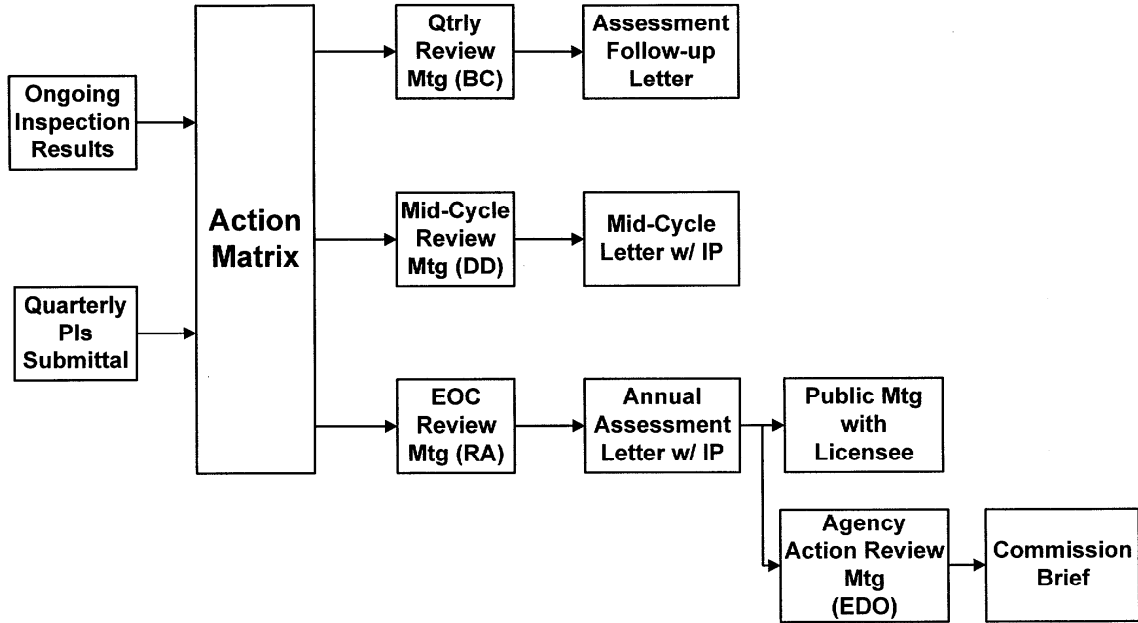
# **Results to Date**

- **No Statistically Significant Adverse Industry Trends in Safety Performance Identified**
  - **Ex-AEOD Indicators**
  - **ASP Program**
- **Insufficient Data (<4 Years) on ROP Indicators for Long Term Trending (However, No Issues Identified by Review of Short Term Data)**

# **Future Development**

- **RES Update of Initiating Events Data and Data for Reliability and Special Studies**
- **RES and NRR to Develop More Risk-Informed Methods to Assess Significance of Trends in Individual Indicators, Including Thresholds and Pre-Defined Agency Responses**
- **Continued Evolution of Process**

# Assessment Process



**Schedule of Events for Recently Completed  
12-Month ROP Assessment Cycle  
(April 2000 - March 2001)**

<b>Event</b>	<b>Approx. Date</b>
<b>End of First Quarter of Assessment Cycle</b>	<b>06/30/00</b>
<b>End of Second Quarter of Assessment Cycle</b>	<b>09/30/00</b>
<b>Mid-Cycle Review Completed</b>	<b>11/08/00</b>
<b>Mid-Cycle Letters Sent to All Licensees</b>	<b>11/29/00</b>
<b>End of Third Quarter of Assessment Cycle</b>	<b>12/31/00</b>
<b>End of Assessment Cycle</b>	<b>03/31/01</b>
<b>End-of-Cycle Review Completed</b>	<b>05/10/01</b>
<b>Annual Assessment Letters Sent to All Licensees</b>	<b>05/31/01</b>
<b>Agency Action Review Meeting Completed</b>	<b>06/28/01</b>
<b>Commission Meeting Completed</b>	<b>07/19/01</b>
<b>Annual Public Meetings Completed Near All Plants</b>	<b>07/21/01</b>

**Schedule of Events for Current 9-Month  
ROP Transition Assessment Cycle  
(April 2001 - December 2001)**

<b>Event</b>	<b>Approx. Date</b>
<b>End of First Quarter of Transition Assessment Cycle</b>	<b>06/30/01</b>
<b>Quarterly Letters Issued (If Applicable)</b>	<b>08/18/01</b>
<b>End of Second Quarter of Transition Assessment Cycle</b>	<b>09/30/01</b>
<b>Second Quarter Review Completed</b>	<b>11/04/01</b>
<b>Quarterly Letters Issued (If Applicable)</b>	<b>11/18/01</b>
<b>End of Assessment Cycle (Abbreviated 9 Month Transition Cycle)</b>	<b>12/31/01</b>
<b>End-of-Cycle Review Completed</b>	<b>02/09/02</b>
<b>Annual Assessment Letters Sent to All Licensees</b>	<b>03/02/02</b>
<b>Agency Action Review Meeting Completed</b>	<b>03/28/02</b>
<b>Commission Meeting Completed</b>	<b>04/19/02</b>
<b>Annual Public Meetings Completed Near All Plants</b>	<b>04/20/02</b>