

Quad Cities Annual Assessment Meeting Cordova, IL - June 14, 2006

Reactor Oversight Program - CY 2005



Nuclear Regulatory Commission - Region III

Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address the licensee performance issues identified in the annual assessment letter
- Licensee will be given the opportunity to respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

Region III Organization

James L. Caldwell
Regional Administrator

Geoffrey E. Grant
Deputy Regional Administrator

Mark A. Satorius
Director Division of Reactor Projects

K. Steven West
Deputy Director

Cynthia D. Pederson
Director Division of Reactor Safety

Anne T. Boland
Deputy Director

Mark A. Ring
Branch Chief

Regional Specialists

Quad Cities Resident Inspectors
Karla Stoedter
Mike Kurth

Project Engineer
Allan Barker

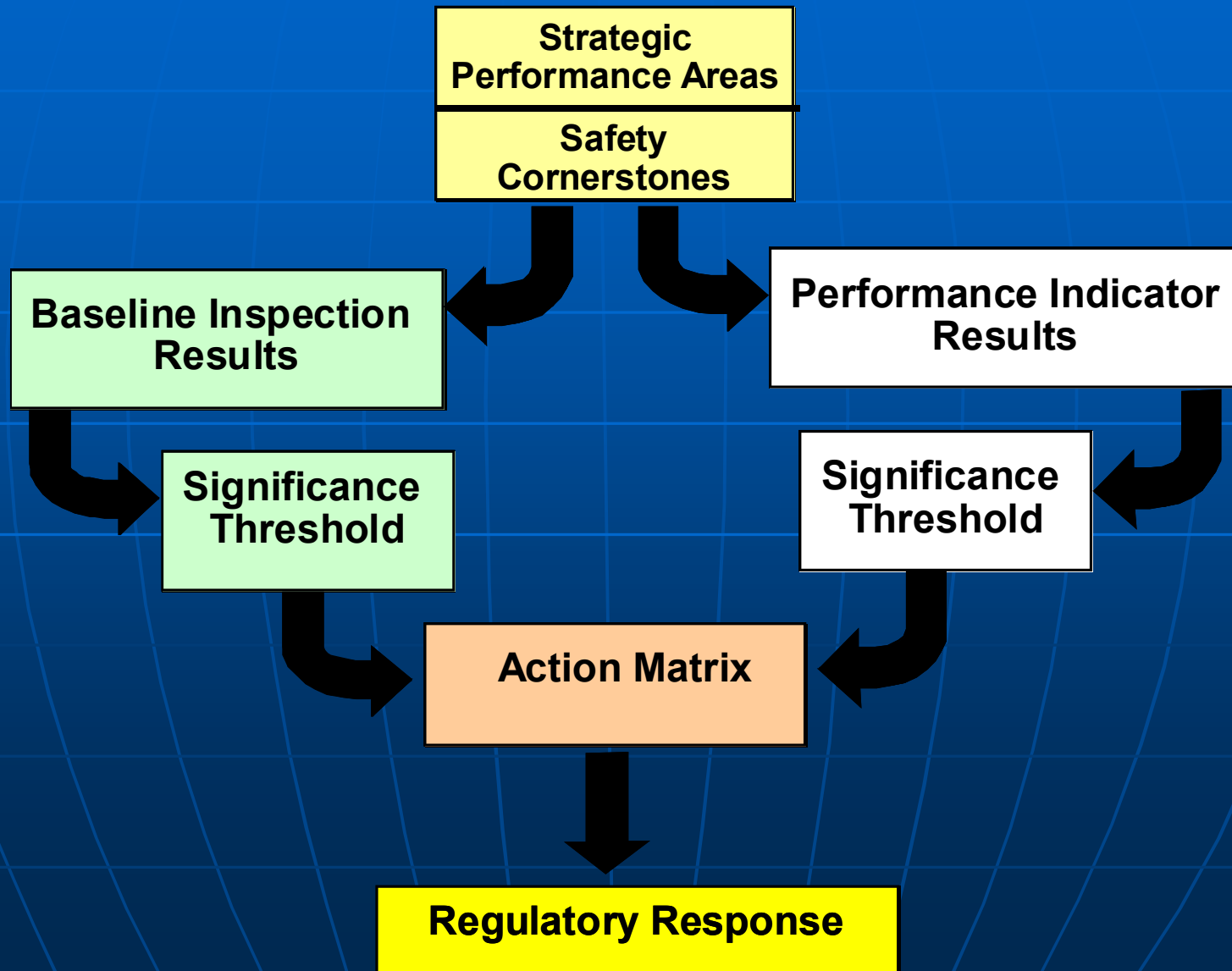
NRC Representatives

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- ___ K. Steven West, Deputy Division Director, DRP
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- ___ Maitri Banerjee, Project Manager, NRR
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- ___ Karla Stoedter, Senior Resident Inspector
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- ___ Mike Kurth, Resident Inspector
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- ___ Allan Barker, Project Engineer
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- ___ Mark A. Ring, Branch Chief
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NRC Performance Goals

- Safety: Ensure protection of the public health and safety and the environment
- Security: Ensure the secure use and management of radioactive materials
- Openness: Ensure openness in our regulatory process
- Effectiveness: Ensure that NRC actions are effective, efficient, realistic, and timely
- Management: Ensure excellence in agency management to carry out the NRC' strategic objective

Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~80 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~110 hrs every 2 yrs
- Worker Radiation Protection ~90 hrs/yr
- Corrective Action Program ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Significance Threshold

Performance Indicators

- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

Inspection Findings

- Green:** Very Low safety issue
- White:** Low to moderate safety issue
- Yellow:** Substantial safety issue
- Red:** High safety issue

Action Matrix Concept



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

National Summary of Plant Performance

Status at End of CY 2005

Licensee Response	84
Regulatory Response	12
Degraded Cornerstone	4
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
<u>Total</u>	<u>103</u>

National Summary

- Performance Indicator Results (at end of CY 2005)

▶ Green	1850
▶ White	4
▶ Yellow	0
▶ Red	0

- Total Inspection Findings (CY 2005)

▶ Green	849
▶ White	10
▶ Yellow	1
▶ Red	0

Quad Cities Assessment Results

(Jan 1 - Dec 31, 2005)

- Licensee Response Action Matrix column based on all PIs and inspection findings being Green
- No Supplemental Inspections were required or performed
- No Special Inspections were required or performed

Quad Cities Inspection Activities

(Jan 1 - Dec 31, 2005)

- NRC conducted approximately 3,000 hours of inspections during CY 2005
- Total of 11 GREEN Findings
- No Safety Significant Findings
- No Substantive Cross Cutting Issues

Quad Cities Inspection Activities

(Jan 1 - Dec 31, 2005)

Dry Cask Storage – loaded first casks

Extended Power Uprate (EPU) – pre-EPU till May

- Conducted IP 71004, “Power Uprate,” for activities related to steam dryer replacements & testing on both units May-August 2005
- Degraded electromatic relief valves (ERVs) discovered December 30, 2005. Special Inspection in January 2006.

Quad Cities Annual Assessment Summary

January 1 - December 31, 2005

- Exelon operated Quad Cities in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Quad Cities for the remainder of the assessment period
- Plus IP 71004 for EPU, steam dryer, ERV, and acoustic side branch (ASB) related activities

Licensee Response and Remarks

Contacting the NRC

- Report an emergency
 - ▶ (301) 816-5100 (call collect)
- Report a safety concern:
 - ▶ (800) 695-7403
 - ▶ Allegation@nrc.gov
- General information or questions
 - ▶ www.nrc.gov
 - ▶ Select “What We Do” for Public Affairs

Reference Sources

- Reactor Oversight Process

- ▶ <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>

- Public Electronic Reading Room

- ▶ <http://www.nrc.gov/reading-rm.html>

- Public Document Room

- ▶ 1-800-397-4209 (Toll Free)