

Braidwood Annual Assessment Meeting

Reactor Oversight Program - CY 2004



Nuclear Regulatory Commission - Region III
Lisle, IL

Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address Braidwood performance issues discussed in the March 2, 2005 annual assessment letter
- Licensee Remarks

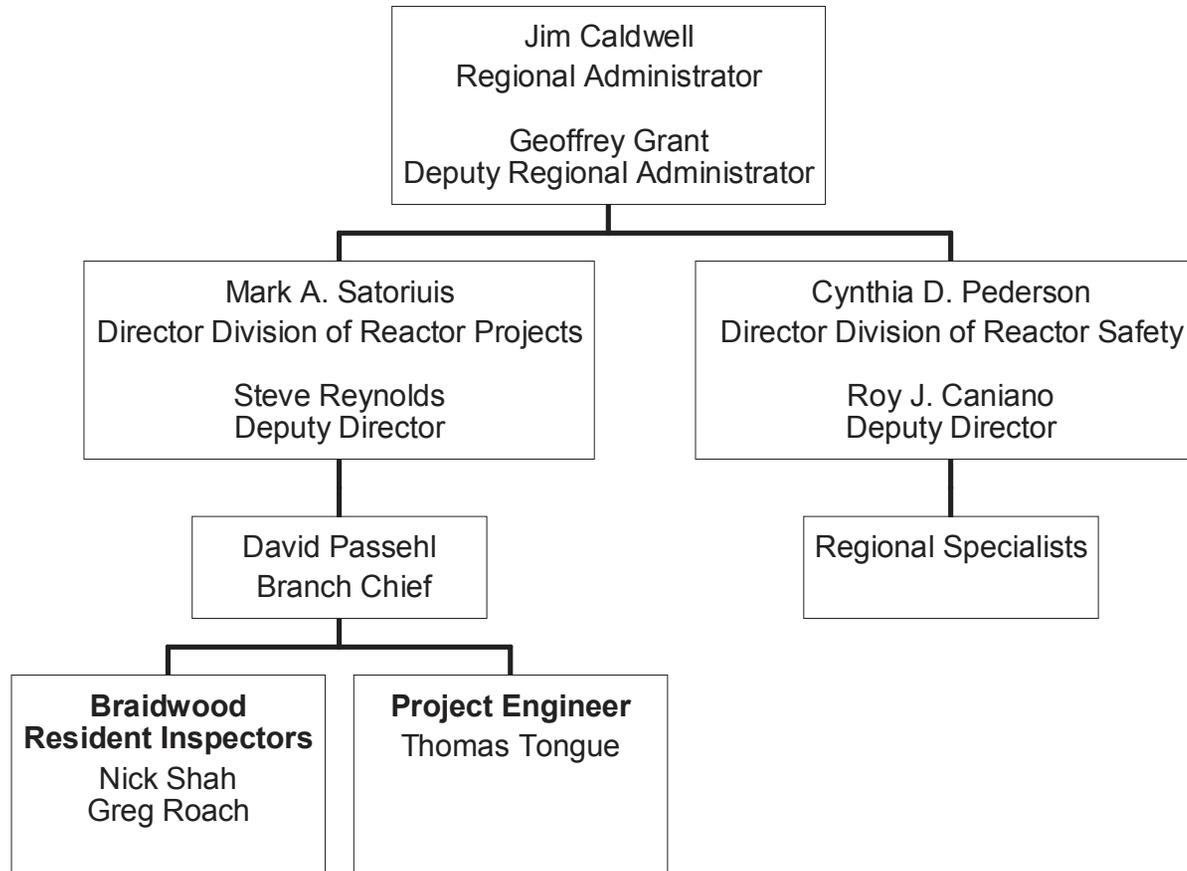
Agenda

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

NRC Representatives

- Mark A. Satorius, Director, Division Reactor Projects
 - (630) 829-9600
- Steven Reynolds, Deputy Division Director, DRP
 - (630) 829-9600
- David Passehl, Branch Chief
 - (630) 829-9872
- George Dick, Project Manager, NRR
 - (315) 415-3019
- Nick Shah, Senior Resident Inspector
 - (815) 458-2852
- Greg Roach, Resident Inspector
 - (815) 458-2852
- Thomas Tongue, Senior Project Engineer
 - (630) 829-9613

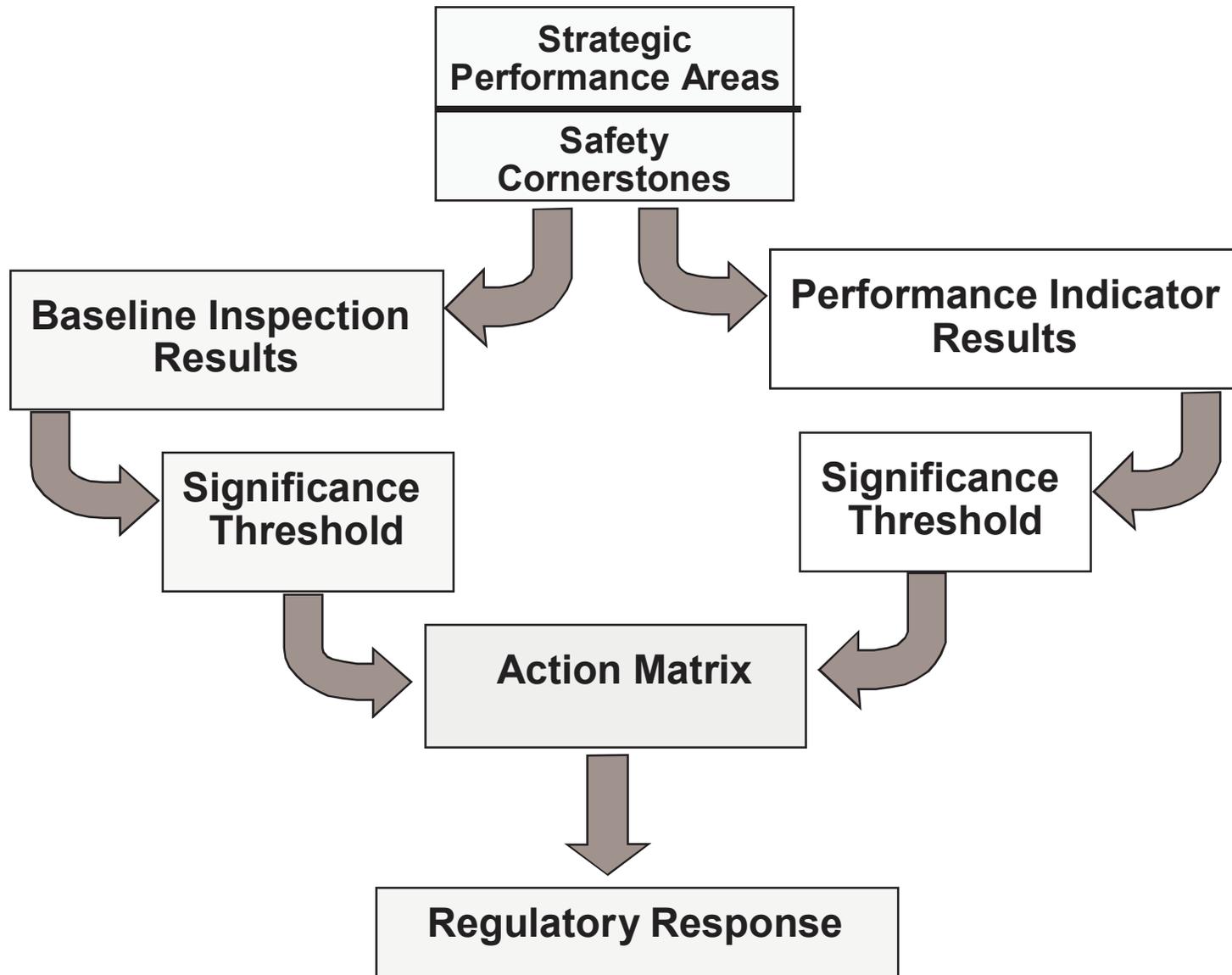
Region III Organization



NRC Performance Goals

- Safety: Ensure protection of the public health and safety and the environment
- Security: Enhance 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's strategic objective

Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~92 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Public Radiation Protection ~100 hrs every 2 yrs
- Worker Radiation Protection ~100 hrs/yr
- Corrective Action Program ~200 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

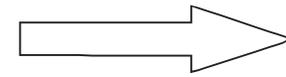
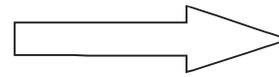
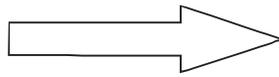
White: Low to moderate safety issue

Yellow: Substantial safety issue

Red: High safety issue

Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance
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Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC Management Involvement
with Licensee Management

Increasing Regulatory Actions

National Summary of Plant Performance

Status at End of CY 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total Units	102

*Davis-Besse is in IMC 0350 process

National Summary

- Performance Indicator Results (at end of CY 2004)
 - < **Green** 1834
 - < **White** 6
 - < **Yellow** 0
 - < **Red** 0

- Total Inspection Findings (CY 2004)
 - < **Green** 778
 - < **White** 11
 - < **Yellow** 0
 - < **Red** 0

Braidwood Assessment Results

(Jan 1 - Dec 31, 2004)

Licensee Response Column

- All Inspection Findings were Green
< Very Low Significance
- All Performance Indicators were within the Green band

Braidwood Inspection Activities

(Jan 1 - Dec 31, 2004)

- Baseline Inspection
- Baseline Inspections were performed by the Resident Inspectors and Plant Support Staff.
- Supplemental 95001 Inspection
- Refueling Outage Inspections
- Other Inspections

Braidwood Inspection Activities

(Jan 1 - Dec 31, 2004)

Completed Baseline Inspections

- Baseline Inspections were performed by Radiological Protection Inspectors and Security Inspectors
- An Emergency Preparedness Biennial Exercise Evaluation and Inspection was performed
- A Biennial Operator Licensing Requalification Inspection was performed
- An Inservice Inspection was performed

Braidwood Inspection Activities

(Jan 1 - Dec 31, 2004)

Other Inspections

The Following Temporary Instructions (TI) were performed during 2004

- 2515\152 Reactor Pressure Vessel Lower Head Penetration Nozzles (Unit 1)
- 2515\160 Pressurizer Penetration Nozzles and Steam Space Piping Connections (Unit1)
- 2515\156 Offsite Power System Operational Readiness

Braidwood Annual Assessment Summary

January 1- December 31, 2004

- Exelon operated Braidwood in a manner that preserved public health and safety
- All cornerstone objectives were met
- In 2005, NRC plans baseline inspections

Licensee 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)