

Prairie Island 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 Prairie Island performance issues discussed in the March 2, 2005 annual assessment letter
- Licensee Remarks

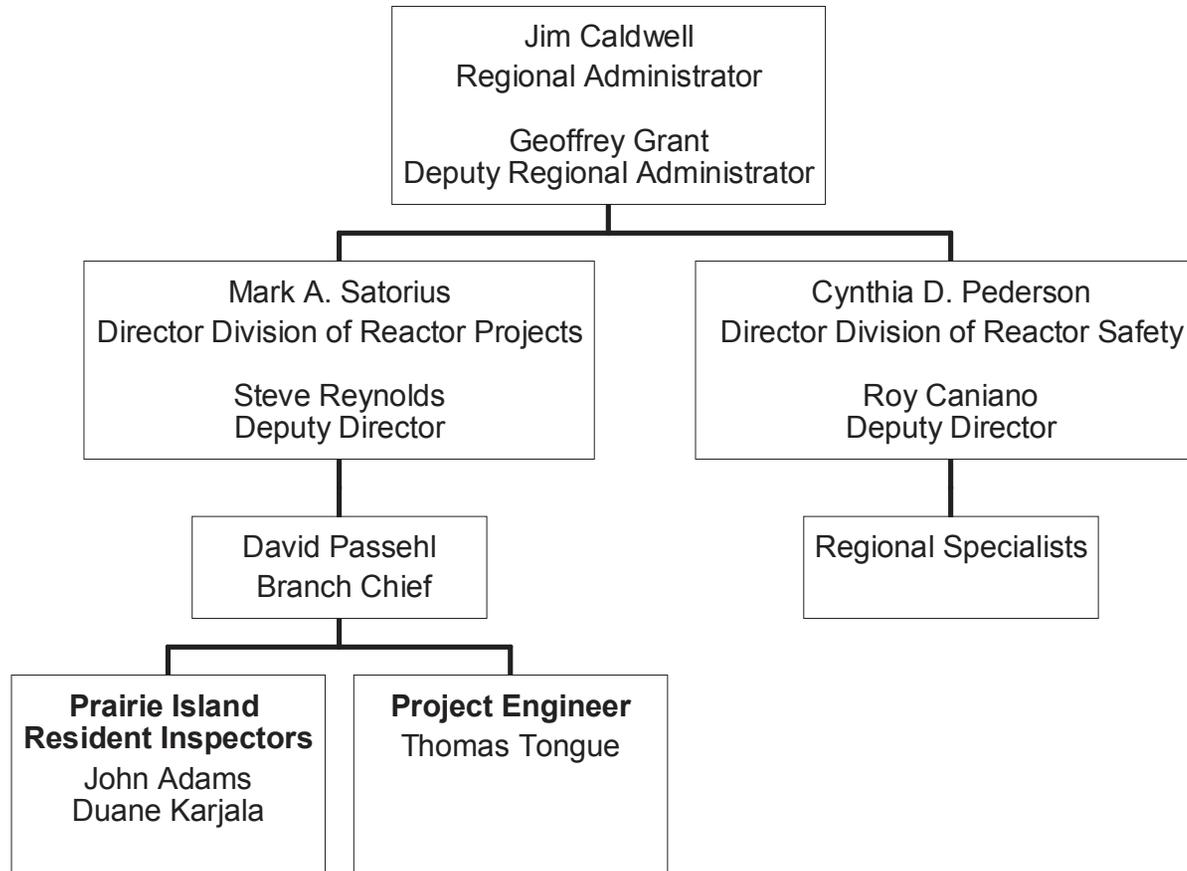
Agenda

- 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 (DRP)
 - (630) 829-9600
- Steven Reynolds, Deputy Director, DRP
 - (630) 829-9600
- David Passehl, Branch Chief
 - (630) 829-9872
- Mahesh (Mac) Chawla, Project Manager, NRR
 - (301) 415-8371
- John Adams, Senior Resident Inspector
 - (651) 388-8209
- Duane Karjala, Resident Inspector
 - (651) 388-8209
- Thomas Tongue, Senior Project Engineer
 - (630) 829-9613
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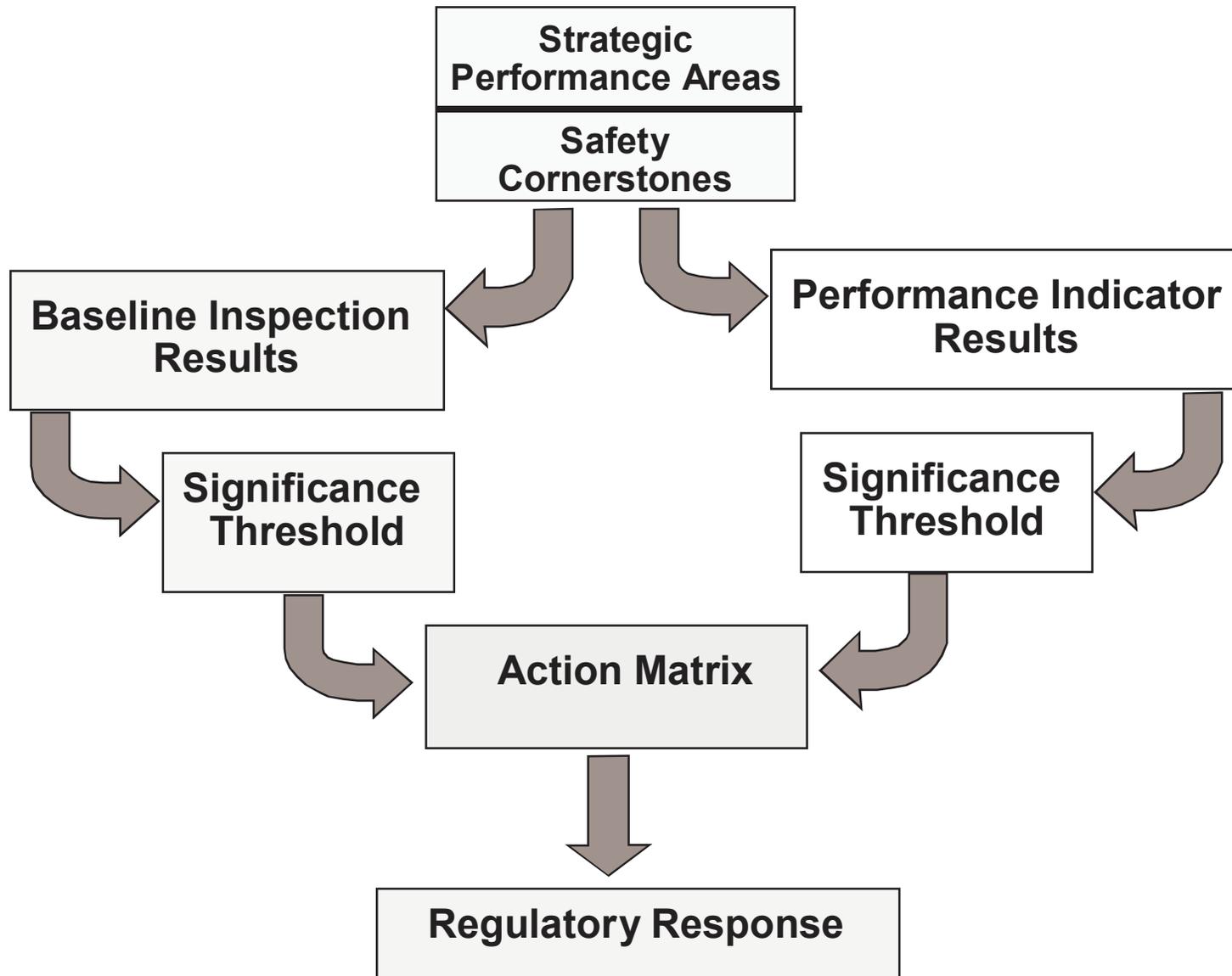
Region III Organization



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

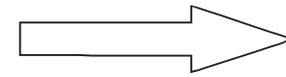
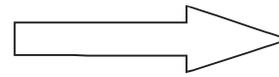
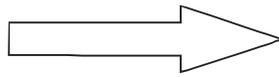
- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

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 Mgmt. Involvement with Licensee Mgmt.

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

Prairie Island 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.

Prairie Island Inspection Activities

(Jan 1 - Dec 31, 2004)

- Baseline Inspection
- Unit 1 Refueling and Steam Generator Replacement Outage

Prairie Island Inspection Activities

(Jan 1 - Dec 31, 2004)

Completed Baseline Inspections

- Routine Integrated Inspections
- Triennial Fire Protection Inspection
- Maintenance Rule Inspection
- Modifications and 10 CFR 50.59 Inspection
- Emergency Preparedness Inspection
- Radiation Protection Inspection
- Licensed Operator Requalification Inspection

Prairie Island Inspection Activities

(Jan 1 - Dec 31, 2004)

Completed Other Inspections

- TI 2515 / 152 RPV Lower Head Inspection
- TI 2515 / 153 Reactor Containment Sump Blockage
- TI 2515 / 154 Spent Fuel Material and Accounting Inspection
- TI 2515 / 156 Offsite Power System Operational Readiness Inspection
- Steam Generator Replacement Inspection

Prairie Island Annual Assessment Summary

January 1- December 31, 2004

Summary of Findings

- **Cornerstone: Initiating Events**
< Two green findings
- **Cornerstone: Mitigating System**
< Three green findings
- **Cornerstone: Barrier Integrity**
< Five green findings

Prairie Island Annual Assessment Summary

January 1- December 31, 2004

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

Licensee Response and Remarks

Joe Solymossy
Site Vice President

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)