

Palisades Annual Assessment Meeting

Reactor Oversight Program - CY 2004



Nuclear Regulatory Commission - Region III

Lisle, Illinois

March 31, 2005

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

NRC Representatives

- Mark A. Satorius, Director, Division Reactor Projects
 - (630) 829-9600
- Steven A. Reynolds, Deputy Division Director, DRP
 - (630) 829-9601
- David H. Jaffe, Project Manager, NRR
 - (301) 415-1439
- Jay Lennartz, Senior Resident Inspector (Outgoing)
 - (269) 764-8971
- John Ellegood, Senior Resident Inspector (Incoming)
 - (269) 764-8971
- Michelle Garza, Resident Inspector
 - (269) 764-8971
- Robert M. Lerch, Senior Project Engineer (Acting Branch Chief)
 - (630) 829-9759
- Eric R. Duncan, Branch Chief
 - (630) 829-9628

Region III Organization

James L. Caldwell
Regional Administrator

Geoffrey E. Grant
Deputy Regional Administrator

Mark A. Satorius
Director Division of Reactor Projects

Steven A. Reynolds
Deputy Director

Cynthia D. Pederson
Director Division of Reactor Safety

Roy J. Caniano
Deputy Director

Robert M. Lerch
Branch Chief
Acting for Eric Duncan

Regional Specialists

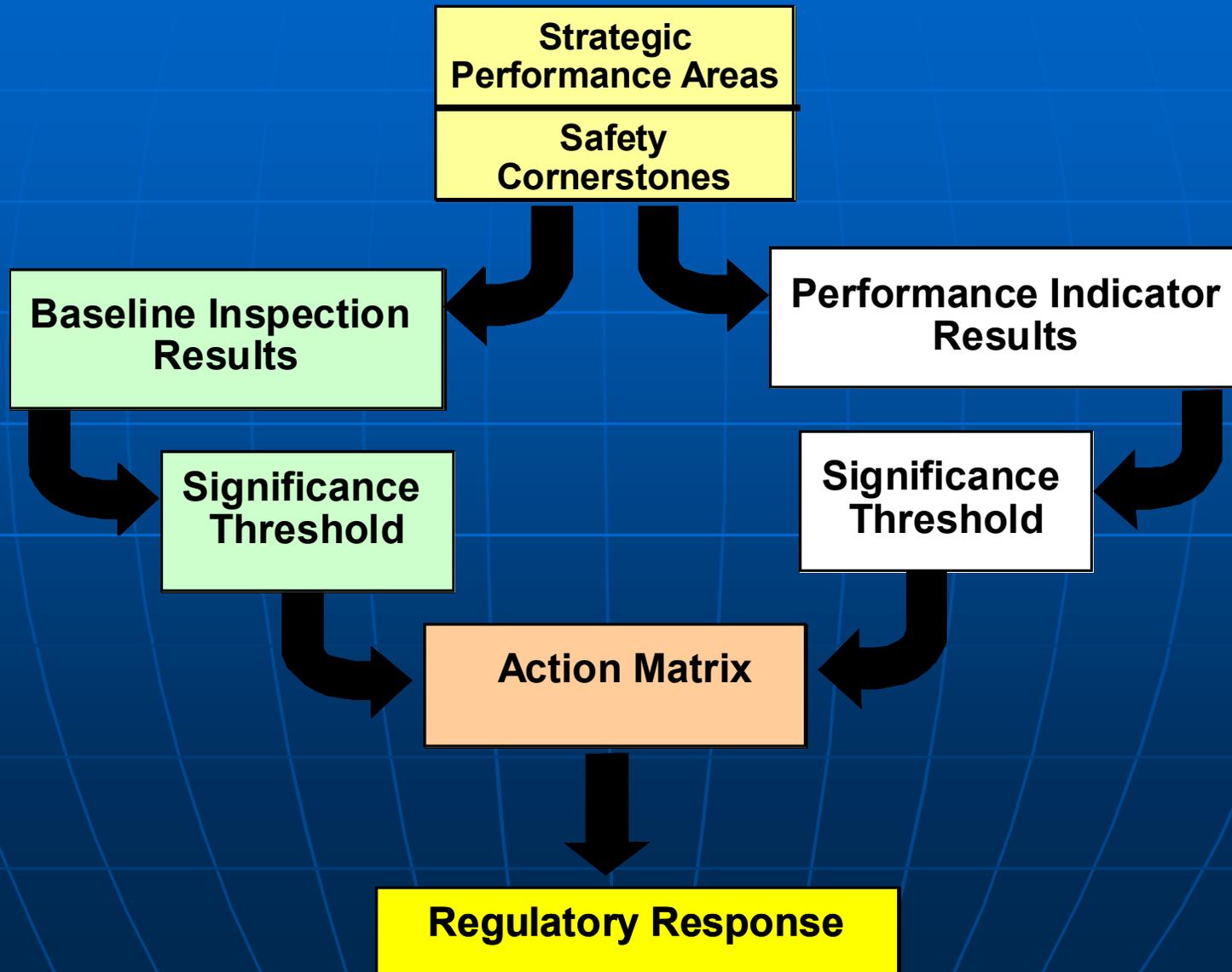
Palisades
Resident Inspectors
Jay Lennartz
John Ellegood
Michelle Garza

Project Engineer
Robert M. Lerch

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 ~92 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~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

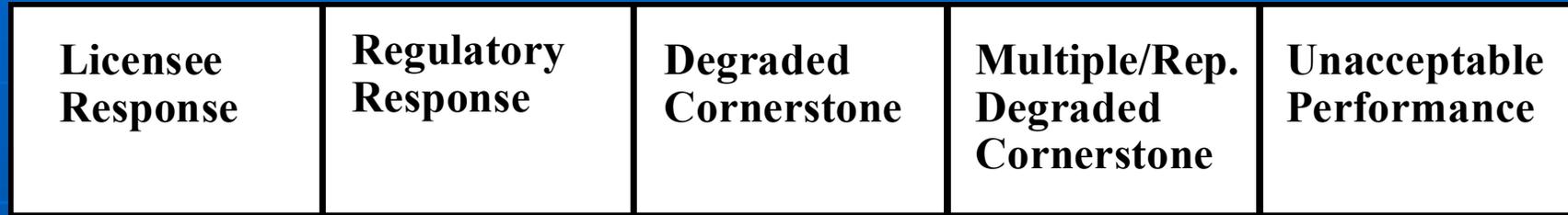
Performance Indicators

- 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



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

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 respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

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	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

Palisades Assessment Results

(Jan 1 - Dec 31, 2004)

- Licensee Response Column: Based on all PIs and inspection findings being Green.
- Supplemental Inspection Procedure (IP) 95001 was conducted to review the circumstances surrounding one White finding, from the 2nd quarter of 2003, and determined that Palisades staff conducted an adequate root cause evaluation.

Palisades Inspection Activities

(Jan 1 - Dec 31, 2004)

- 2106 Hours of Total Baseline Inspection by Resident and Regional Inspectors.
- 10 Green findings in the Reactor Safety Strategic Performance Area.
- September 19 - November 17, 2004, refueling outage.

Palisades Inspection Activities

(Jan 1 - Dec 31, 2004)

- White Finding - Supplemental Inspection
- Biennial Safety System Design and Performance Capability Inspection
- Inservice Inspection and Radiation Protection Inspection performed during Refueling Outage
- Biennial Permanent Plant Modifications and 50.59 Inspection
- Emergency Preparedness Exercise Inspection

Safety Significant Findings or PIs

- All inspection findings and PIs indicate performance at a level requiring no additional NRC oversight (Green).

Palisades Annual Assessment Summary

January 1 - December 31, 2004

- NMC operated Palisades in a manner that preserved public health and safety.
- NRC plans baseline inspections at Palisades for calendar year 2005.

Licensee Response and Remarks

Paul A. Harden

Site Director

Palisades Nuclear Plant

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)