

Palisades Annual Assessment Meeting

Reactor Oversight Program - CY 2005



Nuclear Regulatory Commission - Region III

May 23, 2006

www.nrc.gov

Purpose of Today's Meeting

- A public forum for discussion of the Palisades Nuclear Plant's performance in Calendar Year 2005
- Brief overview of the Reactor Oversight Process, including results in Calendar Year 2005
- NRC available for public questions and comments

Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- 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

Christine Lipa
Branch Chief

Regional Specialists

Palisades Nuclear Plant
Resident Inspectors
John Ellegood
John Giessner
Allan Barker (acting)

Project Engineer
Robert Lerch
Reactor Engineers
Frances Ramirez
Alexander Garmoe
Frank Tran

NRC Representatives

- Mark A. Satorius, Director, Division of Reactor Projects - (630) 829-9634
- K. Steven West, Deputy Director, Division of Reactor Projects - (630) 829-9634
- L. Mark Padovan, Project Manager, NRR
 - (301) 415-1423
- John A. Ellegood, Senior Resident Inspector
 - (269) 764-8971
- John B. Giessner/Allan Barker, Resident Inspector
 - (269) 764-8971
- Christine A. Lipa, Branch Chief
 - (630) 829-9619

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's 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
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Total	103

National Summary

■ Performance Indicator Results (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

Palisades Assessment Results

Jan 1 - Dec 31, 2005

- Plant performance for the assessment period was in the Licensee Response Column
- No substantive cross-cutting issues identified
- No greater than green violations were identified in the assessment period
- All performance indicators remained green throughout the assessment period

Palisades Inspection Activities

Jan 1 - Dec 31, 2005

- Approximately 1800 baseline inspection hours
- More than 600 additional inspection hours
 - Including license renewal & dry spent fuel storage activities
- 8 total findings and violations. None greater than Green.

Palisades

Annual Assessment Summary

Jan 1 - Dec 31, 2005

- NMC operated Palisades in a manner that preserved public health and safety
- All cornerstone objectives were met with no greater than green findings or performance indicators
- License Renewal evaluation process continues

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
- Region III Public Affairs
 - Jan Strasma: (630) 829-9663
 - Viktoria Mitlyng: (630) 829-9662

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)

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