

# Palisades Annual Assessment Meeting

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Reactor Oversight Program - CY 2005



Nuclear Regulatory Commission - Region III

May 23, 2006

[www.nrc.gov](http://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](http://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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