

Fermi 2 Annual Assessment Meeting

Reactor Oversight Program - CY 2003



Nuclear Regulatory Commission - Region III
Lisle, Illinois
04/01/2004

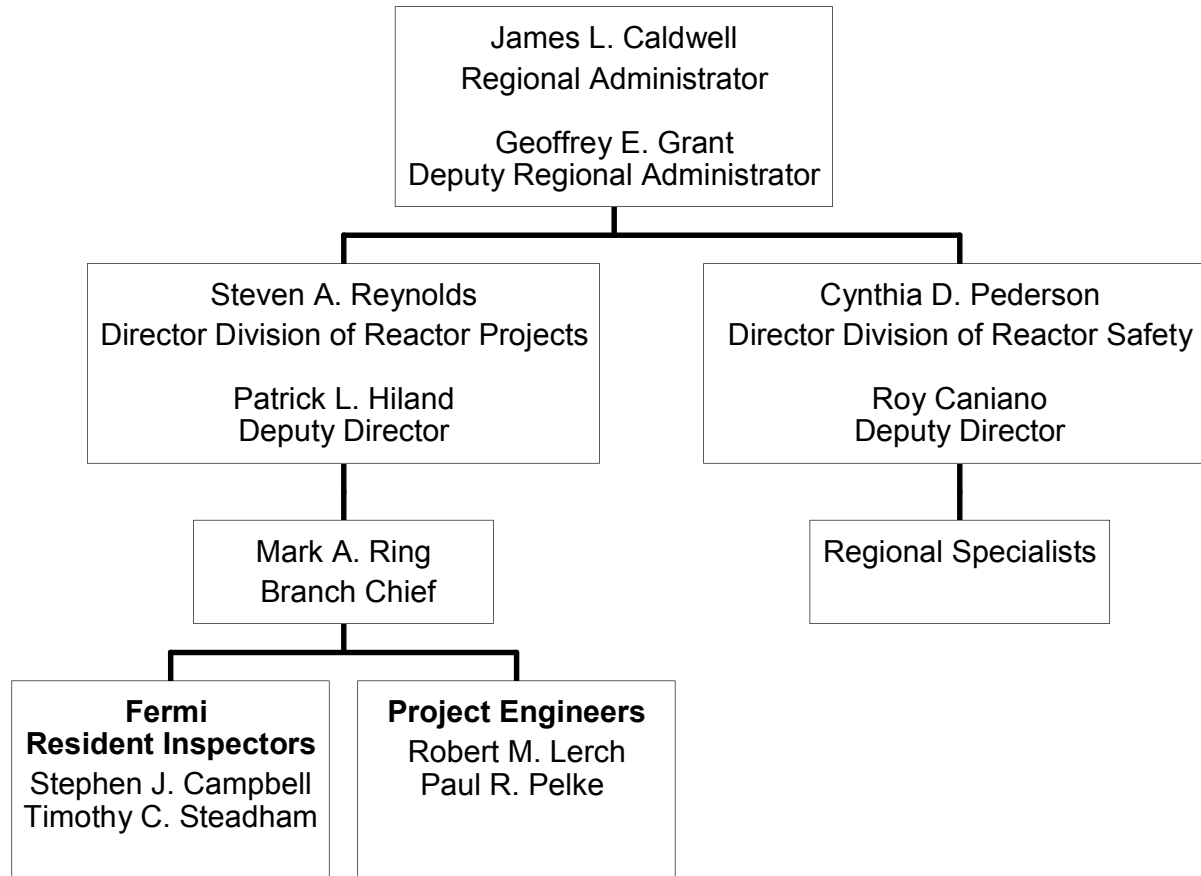
Agenda

- 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

- Patrick Hiland, Deputy Division Director, DRP
 - (630) 829-9601
- Harold Chernoff, Project Manager, NRR
 - (301) 415-4018
- Steve Campbell, Senior Resident Inspector
 - (734) 586-2798
- Tim Steadham, Resident Inspector
 - (734) 586-2798
- Robert Lerch, Senior Project Engineer
 - (630) 829-9759
- Mark Ring, Branch Chief
 - (630) 829-9703

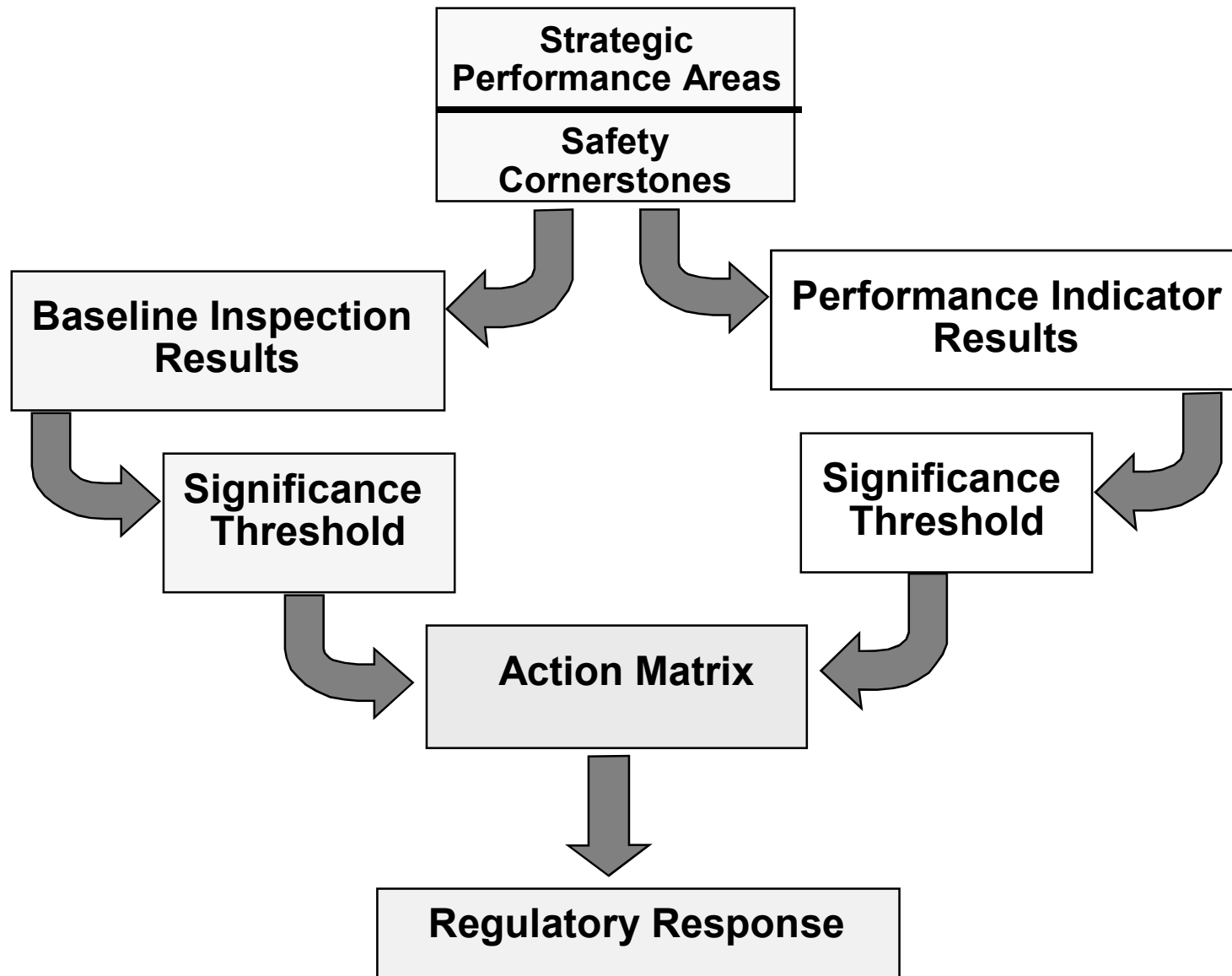
Region III Organization



NRC Performance Goals

- Maintain safety and protect the environment
- Enhance public confidence
- Improve effectiveness, efficiency, and realism of processes and decision making
- Reduce unnecessary regulatory burden

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

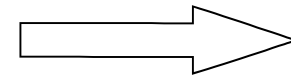
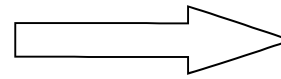
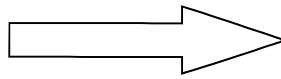
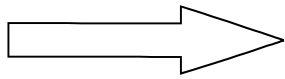
Green:	Only Baseline Inspection
White:	May increase NRC oversight
Yellow:	Requires more NRC oversight
Red:	Requires more NRC oversight

Inspection Findings

Green:	Very Low safety issue
White:	Low to moderate safety issue
Yellow:	Substantial safety issue
Red:	High safety issue

Action Matrix Concept

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/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 2003

Licensee Response	75
Regulatory Response	22
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0

Total Units	102*
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*Davis-Besse is in IMC 0350 process

National Summary

- Performance Indicator Results (at end of CY 2003)
 - **Green** 1825
 - **White** 15
 - **Yellow** 0
 - **Red** 0

- Total Inspection Findings (at the end of CY 2003)
 - **Green** 748
 - **White** 19
 - **Yellow** 2
 - **Red** 4

Fermi 2 Assessment Results

(Jan 1 - Dec 31, 2003)

- In Regulatory Response Column of Action Matrix
- 1 White Performance Indicator
- There were no supplemental inspections at Fermi in 2003

Safety Significant Findings or PIs

- No greater than Green findings
- 1 White Performance Indicator
 - ☞ Safety System Unavailability - Emergency AC Power

Fermi 2 Major Activities

(Jan 1 - Dec 31, 2003)

- Refueling Outage in April 2003
- Blackout 2003 on August 14, 2003
- 11 Green findings & 1 Severity IV violation
- Problem Identification & Resolution Inspection
- Safety Sytem Design Inspection

Fermi 2 Planned Inspection Activities

(Jan 1 - Dec 31, 2004)

- IP 95001 Supplemental Inspection for White PI planned for April 2004
- Refueling outage inspections planned to coincide with licensee's refueling outage toward end 04
- Emergency preparedness exercise conducted in March
- No near term major team inspections planned
Modifications inspection - October 04
Triennial Fire Protection - June 05

Fermi 2

Annual Assessment Summary

January 1- December 31, 2003

- Detroit Edison operated Fermi 2 in a manner that preserved public health and safety
- All cornerstone objectives were met with only one White Performance Indicator (PI) identified (Safety System Unavailability, Emergency AC Power)
- NRC plans baseline inspections at Fermi for the remainder of the assessment period and a supplemental inspection for the White PI

Licensee Response and Remarks

William O'Conner
Vice President
Detroit Edison Company

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)