

LaSalle Annual Assessment Meeting

Reactor Oversight Program - CY 2005



Nuclear Regulatory Commission - Region III

Seneca, Illinois

April 6, 2006

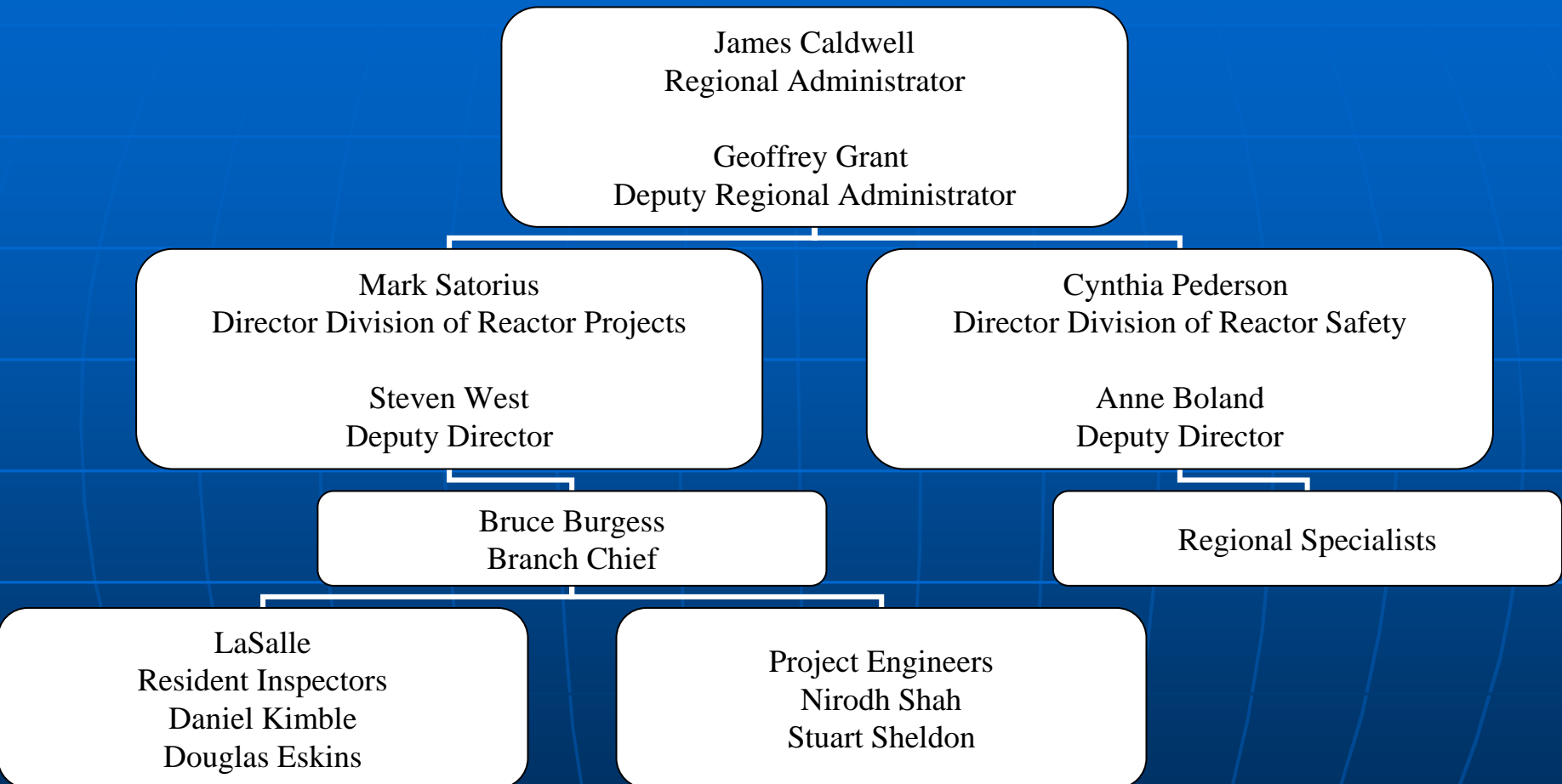
Purpose of Today's Meeting

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

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

Region III Organization



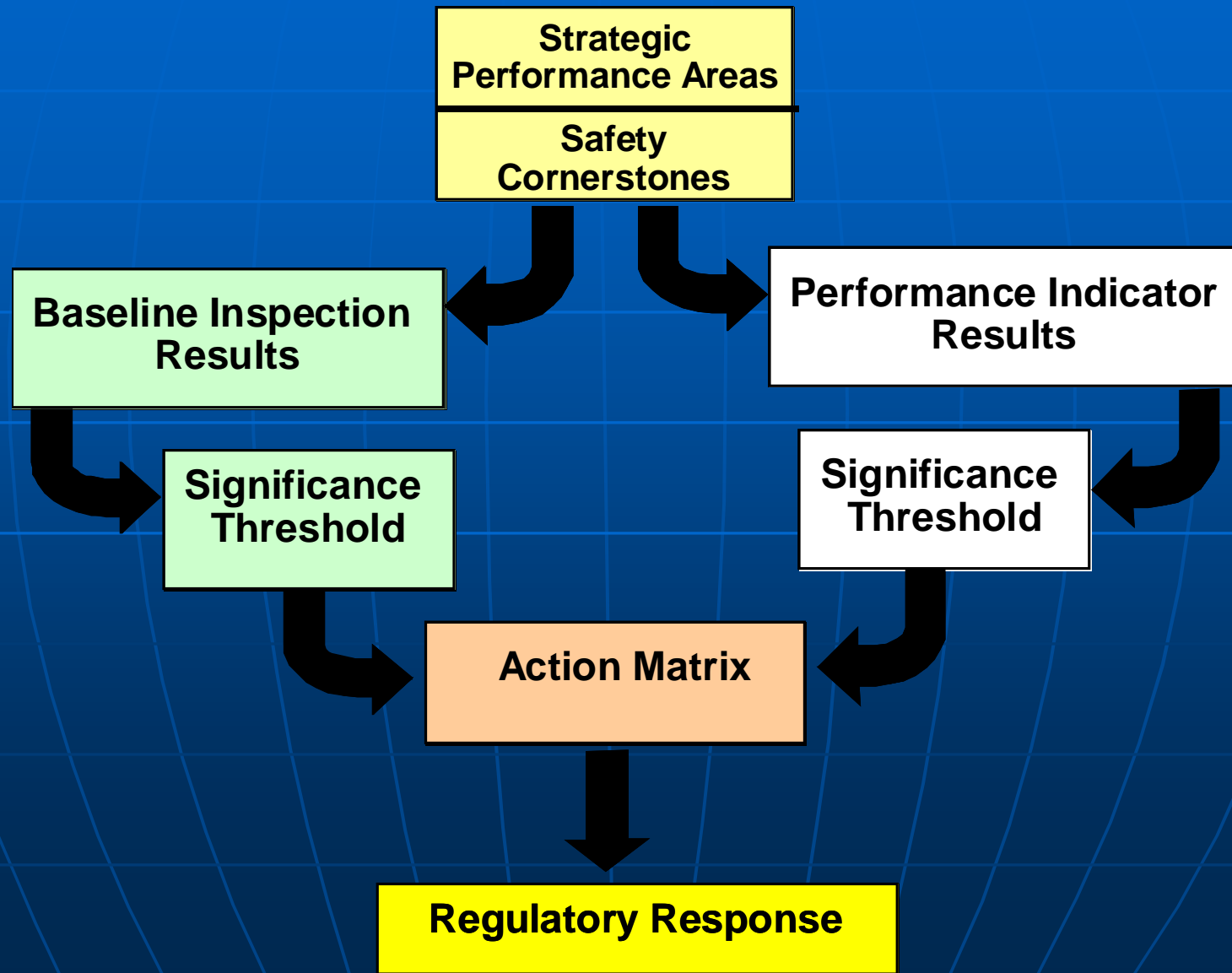
NRC Representatives

- Mark Satorius, Director, Division Reactor Projects
 - (630) 829-9600
- Steven West, Deputy Division Director, DRP
 - (630) 829-9601
- Stephen Sands, Project Manager, NRR
 - (301) 415-3154
- Daniel Kimble, Senior Resident Inspector
 - (815) 357-8611
- Douglas Eskins, Resident Inspector
 - (815) 357-8611
- Bruce Burgess, Branch Chief
 - (630) 829-9629
- Nirodh Shah, Project Engineer
 - (630) 829-9821
- Stuart Sheldon, Reactor Engineer
 - (630) 829-9727

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 ~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

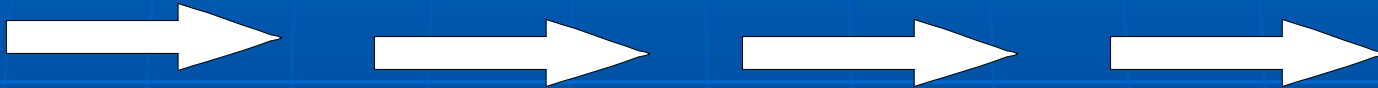
Performance Indicators

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
Total	103

National Summary

- Performance Indicator Results (at 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

LaSalle Assessment Results

(Jan 1 - Dec 31, 2005)

- Licensee Response Column of Action Matrix with all Green PIs and inspection findings except for two issues.
- 95001 Supplemental Inspection for the 4160 VAC Design Issue Was Completed In January 2006 With No Findings
- 95001 was performed in October 2005 for the performance indicator issue resulting in one finding of very low safety significance.
- A Substantive Cross-Cutting Issue in the Area of Human Performance was Closed

Safety Significant Findings or PIs

- White -- A design deficiency in a metering circuit for the site's normal 4160 VAC offsite power supply.
 - IP95001 supplemental inspection completed (Jan 2006)
 - Determined to be an original design issue
 - Not counted towards response columns

- White -- Unit 2 performance indicator for scrams with a loss of normal heat removal
 - A Unit 2 scram on April 6, 2001, has been reclassified as a scram with a loss of normal heat removal.
 - Historically White during the 3rd and 4th Quarters of 2003, and the 1st Quarter of 2004.

LaSalle Inspection Activities

(Jan 1 - Dec 31, 2005)

- There were approximately 5147 hours of inspection related activities performed at LaSalle during 2005.
- The inspections were performed by the Resident Inspectors and Regional Inspectors. The Regional Inspectors included specialists in Security, Emergency Preparedness, and Radiation Protection.
- There were 22 Green or SL-IV Inspection Findings identified during 2005 in addition to the White finding.
- There was a Refueling Outage on Unit 2 during 2005.

LaSalle Inspection Activities

(Jan 1 - Dec 31, 2005)

- Major team inspections performed in 2005
 - Problem Identification and Resolution
 - Safety System Design and Performance Capability
 - Modifications/10CFR50.59
 - Triennial Fire Protection

LaSalle Annual Assessment Summary

January 1 - December 31, 2005

- Exelon operated LaSalle in a manner that preserved public health and safety
- All cornerstone objectives were met with only one White finding identified (Original design issue)
- NRC plans baseline inspections at LaSalle for the remainder of the assessment period

Licensee Response and Remarks

Susan Landahl
Site Vice President
Exelon – LaSalle Station

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)