U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

DAEC Annual Assessment Meeting
Reactor Oversight Process - CY 2006

Nuclear Regulatory Commission - Region III

Palo, IA

April 5, 2007

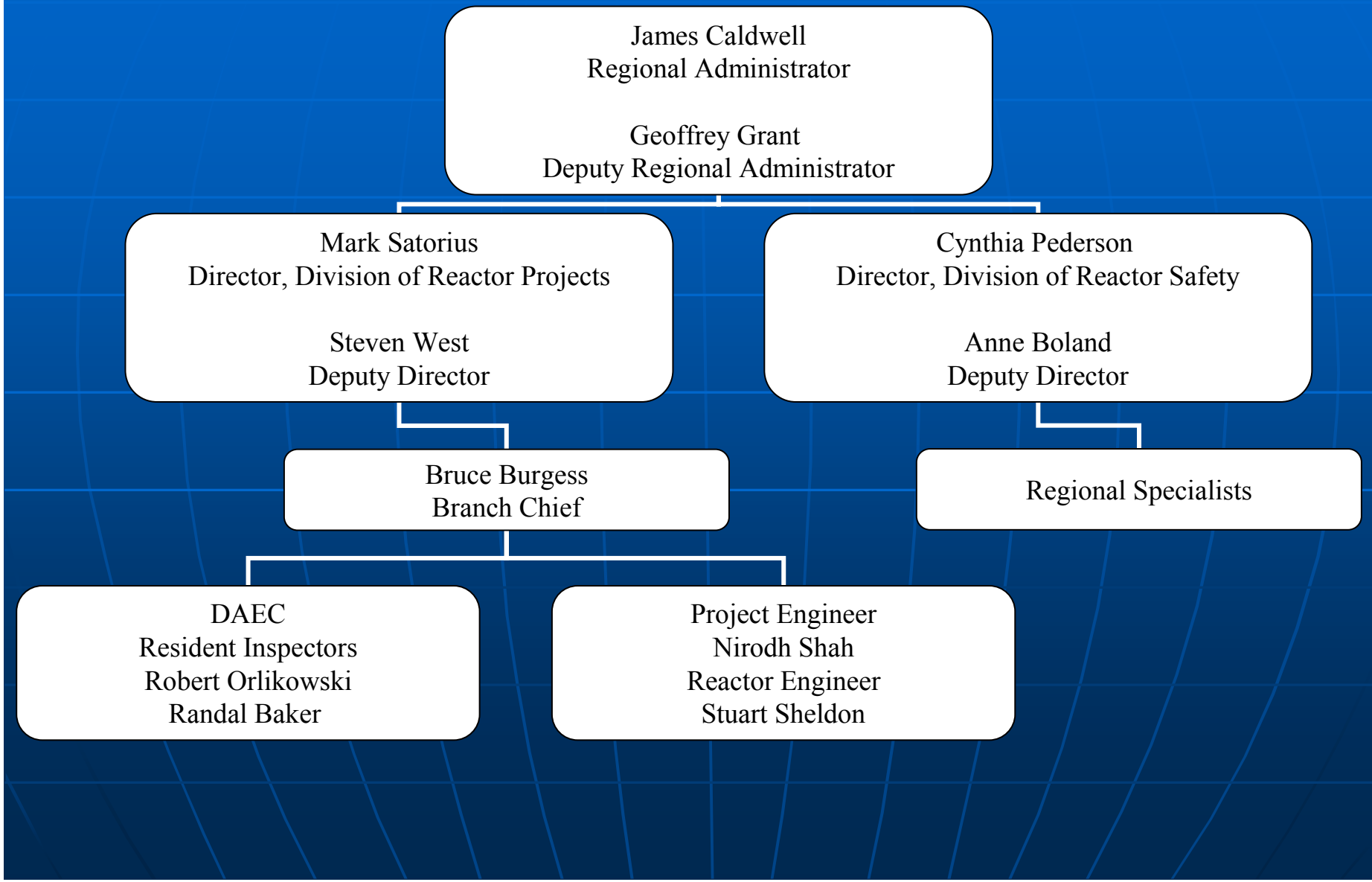
Purpose of Today's Meeting

- 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



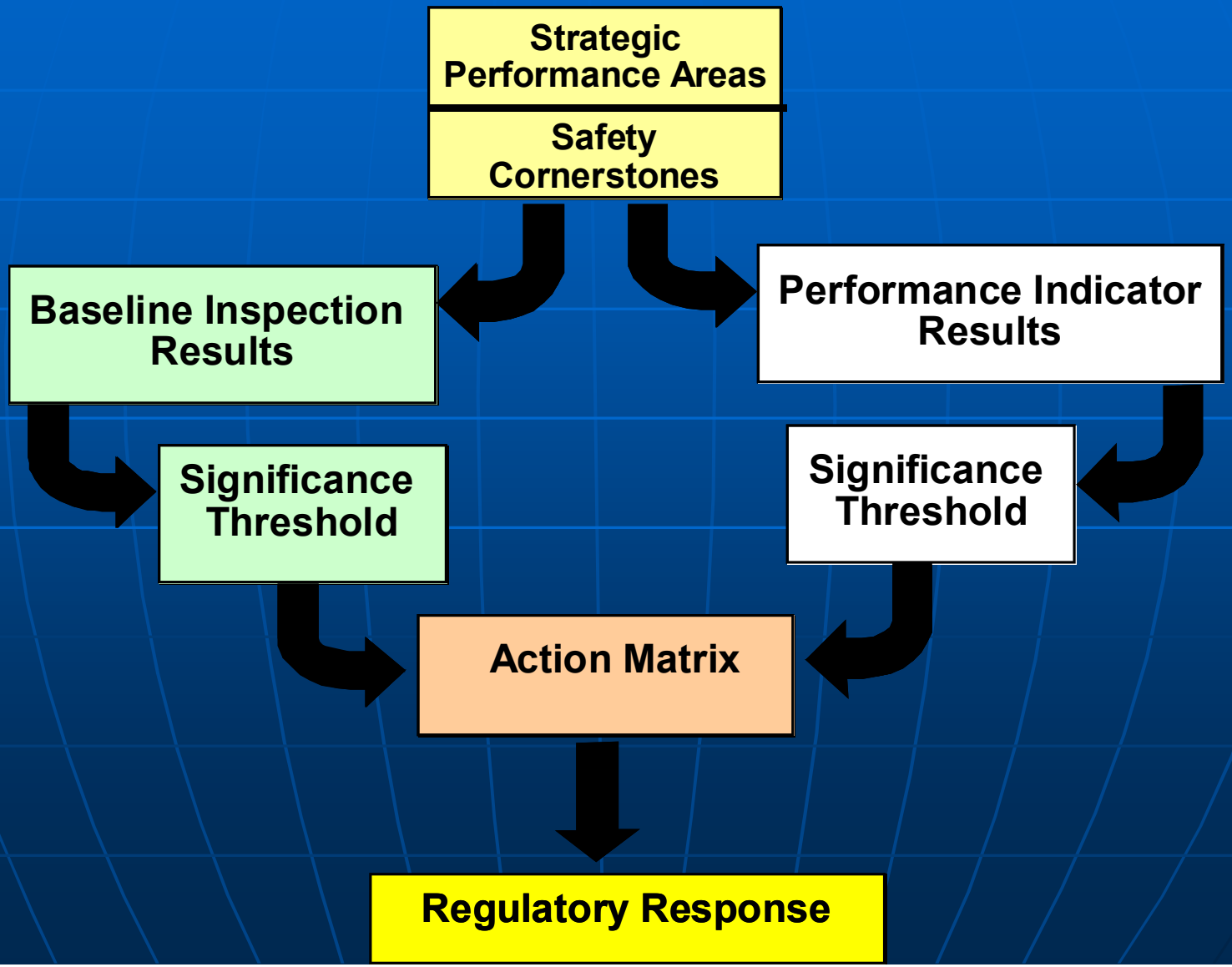
NRC Representatives

- Mark Satorius, Director, Division Reactor Projects
  - (630) 829-9600
- Steven West, Deputy Division Director, DRP
  - (630) 829-9601
- Karl Feintuch, Project Manager, NRR
  - (301) 415-3079
- Robert Orlikowski, Senior Resident Inspector
  - (319) 851-5111
- Randal Baker, Resident Inspector
  - (319) 851-5111
- 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'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

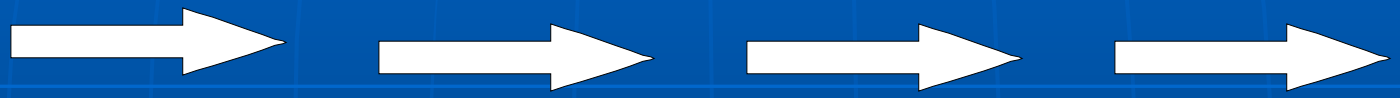
White: Low to moderate safety issue

Yellow: Substantial safety issue

Red: High safety issue

Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance



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 2006

Licensee Response	70
Regulatory Response	24
Degraded Cornerstone	6
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total	103

National Summary

- **Performance Indicator Results (at end of CY 2006)**
  - **Green** 1843
  - **White** 11
  - **Yellow** 0
  - **Red** 0

- **Total Inspection Findings (CY 2006)**
  - **Green** **676**
  - **White** 13
  - **Yellow** **0**
  - **Red** **0**

DAEC Assessment Results

January 1 - December 31, 2006

- Licensee Response Column of Action Matrix with all Green PIs and inspection findings.
- One White finding in the Emergency Preparedness Cornerstone. This finding will be counted in the 2007 assessment period.
- No supplemental inspections were performed in 2006.

Safety Significant Findings or PIs

- None. The White finding in Emergency Preparedness will be counted in the 2007 assessment period.

- On May 1, 2006, the staff issued two severity level III Notices of Violation.
  - A willful violation, of a procedure required by DAEC Technical Specification 5.4.1 by a refueling floor supervisor on July, 23, 2003.
  - A willful violation, demonstrating at least careless disregard of a procedure required by DAEC Technical Specification 5.4.1 by a refueling floor supervisor on November 9, 2004.

DAEC Inspection Activities

January 1 - December 31, 2006

- The inspections at DAEC were performed by the Resident Inspectors and Regional Inspectors. The Regional Inspectors included specialists in Security, Emergency Preparedness, and Radiation Protection.
- There were 15 Green or SL-IV Inspection Findings identified during 2006.
- There was no refueling outage in 2006.

DAEC Inspection Activities

January 1 - December 31, 2006

- Major team inspections performed in 2006
  - Component Design Bases Inspection
  - Triennial Fire Protection Inspection
  - Biennial Emergency Preparedness Exercise

DAEC Annual Assessment Summary

January 1 - December 31, 2006

- FPL operated DAEC in a manner that preserved public health and safety (FPL purchased DAEC from NMC in January 2006)
- All cornerstone objectives were met with no Greater than Green findings identified. One White finding was identified in EP which will be counted in the 2007 assessment period.
- NRC plans baseline inspections at DAEC for the remainder of the assessment period and a supplemental EP follow-on inspection

Licensee Response and Remarks

Gary Van Middlesworth
Site Vice President
FPL Energy Duane Arnold

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)