

NRC CY2004 Annual Assessment Meeting

ROBINSON



Hartsville, South Carolina

March 24, 2005

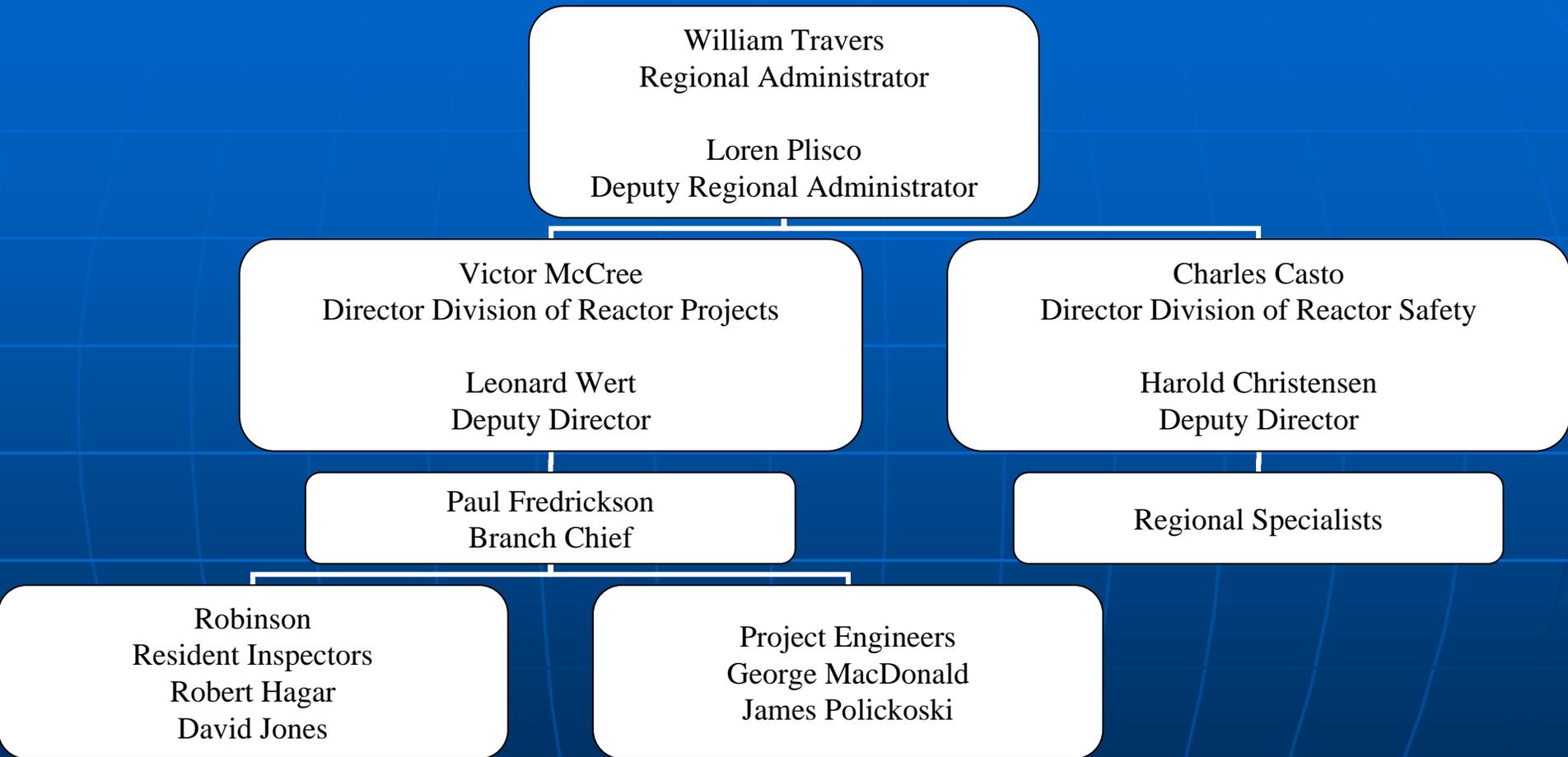
Purpose of Today's Meeting

- A public forum for discussion of Robinson performance
- NRC will address Robinson performance issues identified in the annual assessment letter
- Robinson management 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 Robinson Plant Performance Results
- Robinson Management Response and Remarks
- NRC Closing Remarks
- Break
- NRC Available to Address Public Questions

Region II Organization



NRC Performance Goals

PRIMARY GOALS

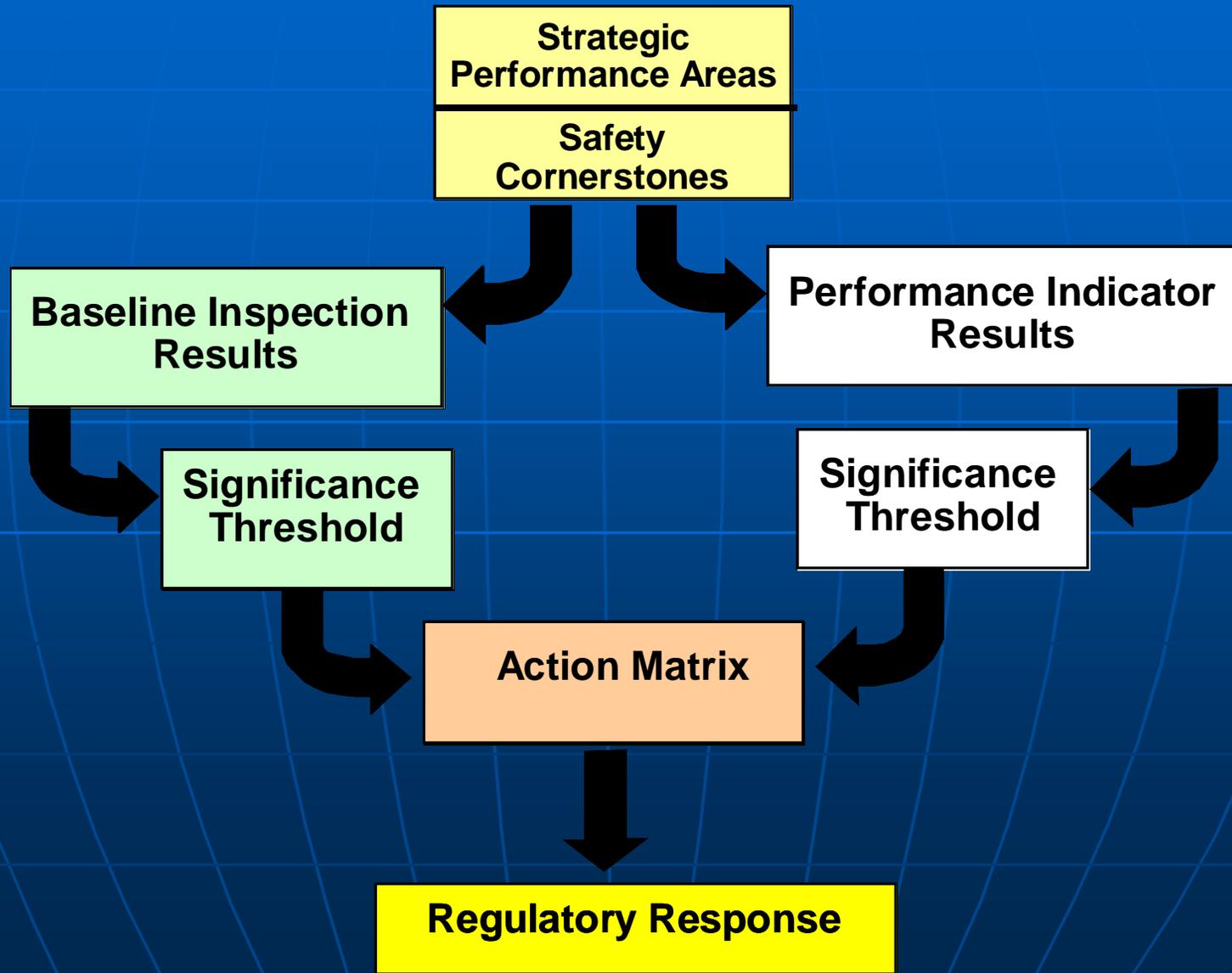
**Ensure protection of the public health and safety
and the environment**

**Ensure the secure use and management of
radioactive materials**

OTHER GOALS

- **Ensure openness in NRC regulatory process**
- **Ensure that NRC actions are effective, efficient, realistic, and timely**
- **Ensure excellence in NRC management to carry out the NRC's strategic objective**

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 ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Performance Thresholds

Safety Significance

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

NRC Inspection Efforts

- Green:** Only Baseline Inspections
- White:** May increase NRC oversight
- Yellow:** Increased NRC oversight
- Red:** Increased NRC oversight and other NRC actions

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 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
<hr/> Total	<hr/> 102*

*Davis-Besse under a special inspection process

Robinson CY2004

Inspection Activities

- 4300 hours of inspection related activities
 - Radiation protection inspection
 - Spent fuel storage construction and operations inspection
 - Reactor vessel upper and lower head inspection
 - Reactor containment sump blockage inspection
 - Problem identification and resolution inspection
 - Fire protection inspection
 - Emergency preparedness inspection
 - Reactor operator initial exam
 - Supplemental Inspection on reactor coolant leakage
- White performance indicator

Robinson CY2004 Assessment Results

- Performance was within the Licensee Response Column of the NRC's Action Matrix for the first three quarters
- Performance was within the Regulatory Response Column in the fourth quarter
- One Performance Indicator was classified in the fourth quarter as requiring additional NRC oversight (White)
- All inspection findings were classified as very low safety significance (Green)

White Performance Indicator

- Reactor coolant system identified-leakage PI crossed the Green/White threshold in the fourth quarter
- A relatively large (7gpm) valve packing leak occurred on October 12, 2004
- Unit was expeditiously shutdown and valve was repaired
- Supplemental inspection indicated corrective action was adequate

Robinson Annual Assessment Summary

- Progress Energy operated Robinson in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Robinson for the remainder of CY 2005

Robinson CY2005

Inspection Activities

- Resident inspector daily inspections
- Radiation protection inspections
- Maintenance inspection
- Spent fuel storage operations and construction inspections (Dry Run)
- Reactor head replacement inspection
- Safety system design and performance inspection
- Licensed operator requalification inspection
- ISI inspection

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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)