Vogtle Electric Generating Plant
Annual Assessment Meeting

Reactor Oversight Process - CY 2003

Nuclear Regulatory Commission - Region II
Waynesboro, GA
April 1, 2004

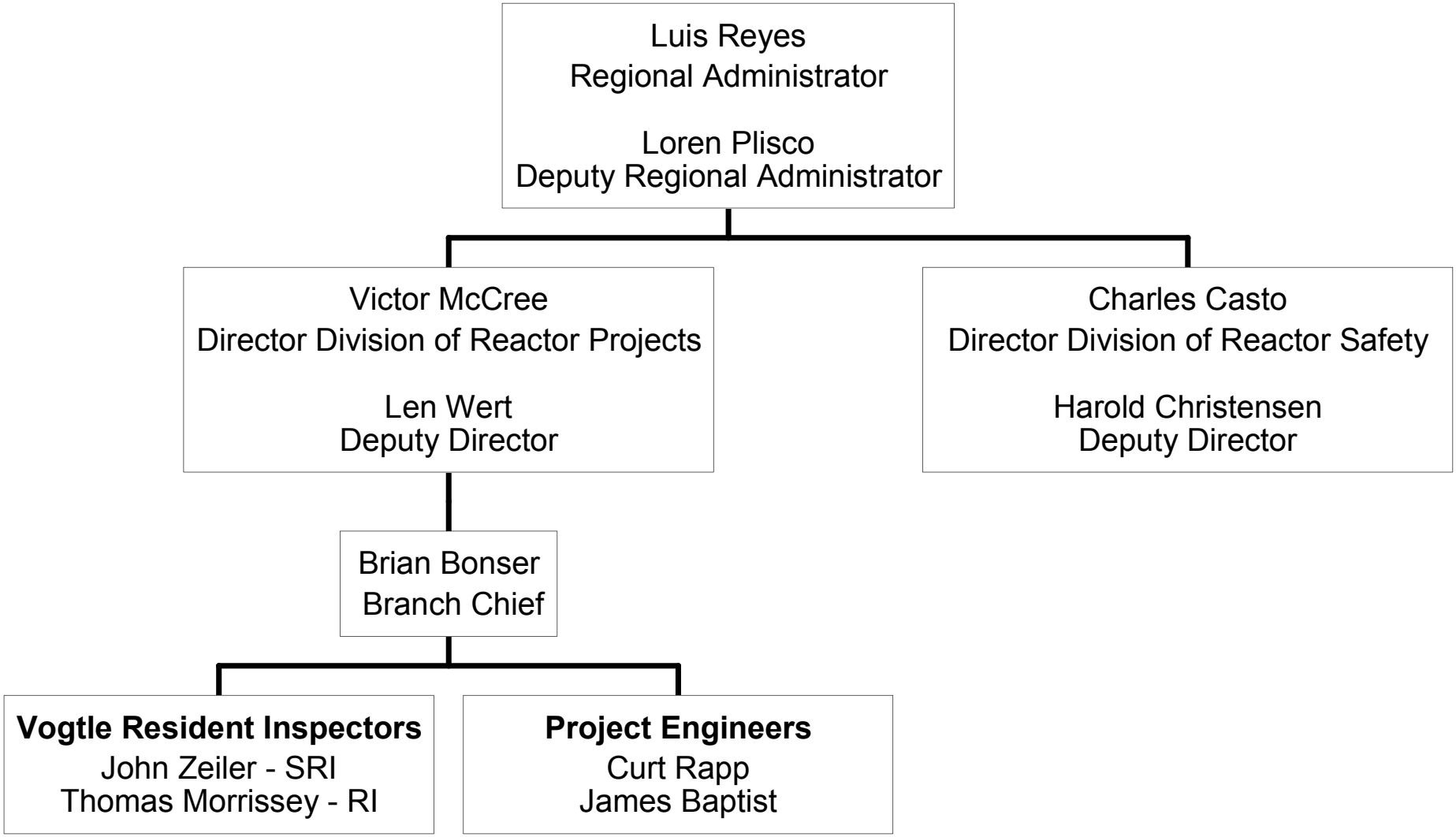
Purpose of Today's Meeting

- A public forum for discussion of Vogtle's performance
- NRC will address any Vogtle performance issues identified in the annual assessment letter
- Vogtle 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 Vogtle Plant Performance Results
- Vogtle Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

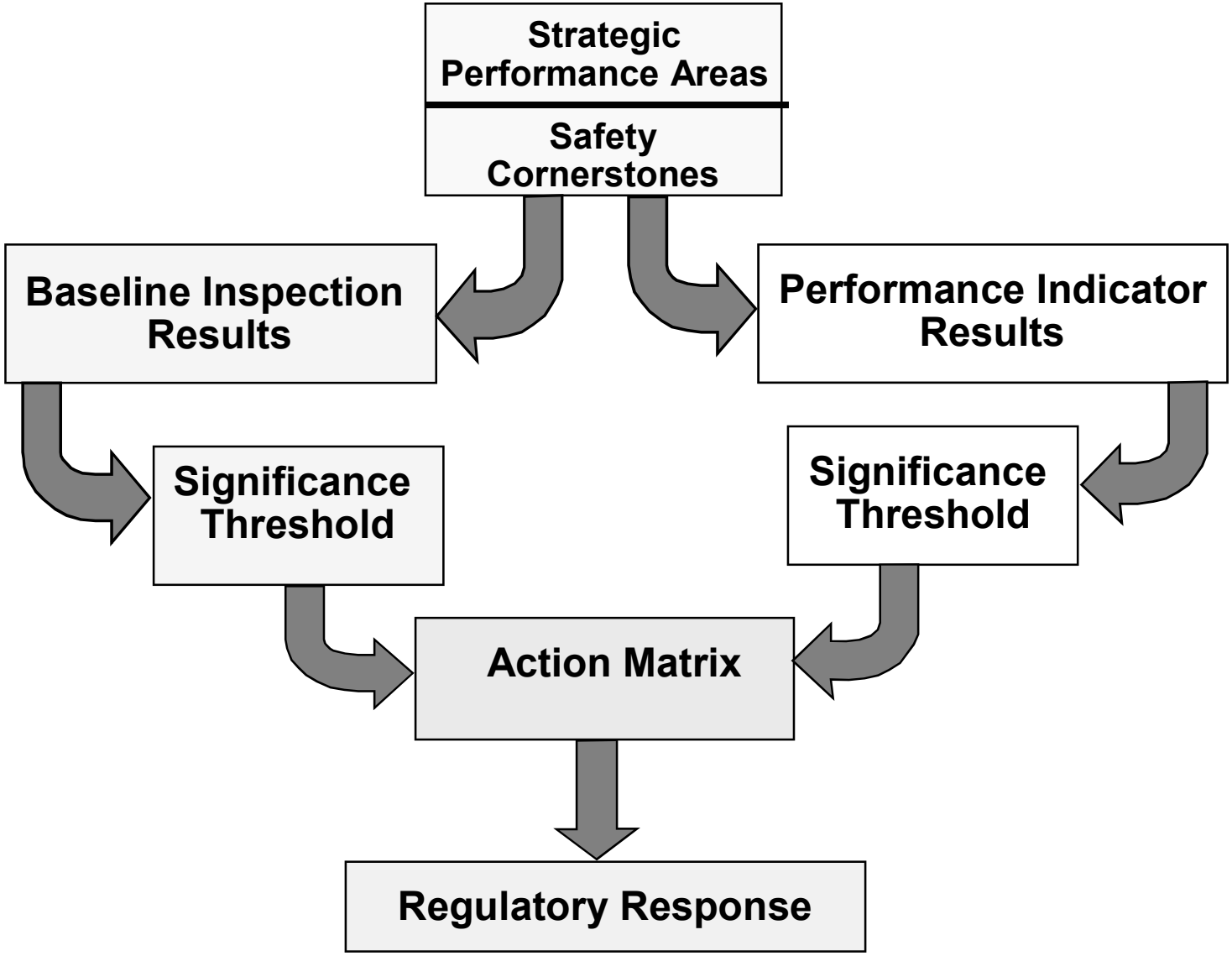
Region II Organization



NRC Performance Goals

- NRC PRIMARY GOAL - 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

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 Inspection

White: May increase NRC oversight

Yellow: Increased NRC oversight

Red: Increased NRC oversight

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

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 2003

Licensee Response	75
Regulatory Response	22
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total Units	102*

*Davis-Besse - Shutdown Operating Reactor with Performance Problems

Vogtle 2003 Assessment Results

- Plant performance was within the Licensee Response Column of the NRC's Action Matrix
- All inspection findings were classified as very low safety significance (Green)
- All Performance Indicators were Green

Vogtle Annual Assessment Summary

- Southern Nuclear Operating Company operated Plant Vogtle in a manner that preserved public health and safety
- All cornerstone objectives were met.
- NRC plans baseline inspections at Plant Vogtle for the 2004 assessment period

Vogtle 2003 Inspection Activities

- 3288 hours of inspection related activities
  - Reactor Vessel Upper and Lower Head Inspections
  - Licensed Operator Examination Inspection
  - Emergency Preparedness Inspections
  - Security Inspections
  - Radiation Protection Inspections
  - Engineering Inspections
  - Refueling Outage Inspection

Vogtle 2004 Inspection Activities

- Reactor Vessel Upper and Lower Head
- Spent Fuel Material Control and Accounting
- Containment Sump Blockage
- Emergency Exercise
- Triennial Fire Protection
- Biennial Problem Identification and Resolution
- Radiation Protection
- Security

Licensee Response and Remarks

Jeff Gasser

Vice-President, Vogtle Project

Southern Nuclear Operating 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)