

Annual Assessment Meeting CY 2004

Vogtle Electric Generating Plant



Nuclear Regulatory Commission - Region II
Waynesboro, GA
April 12, 2005

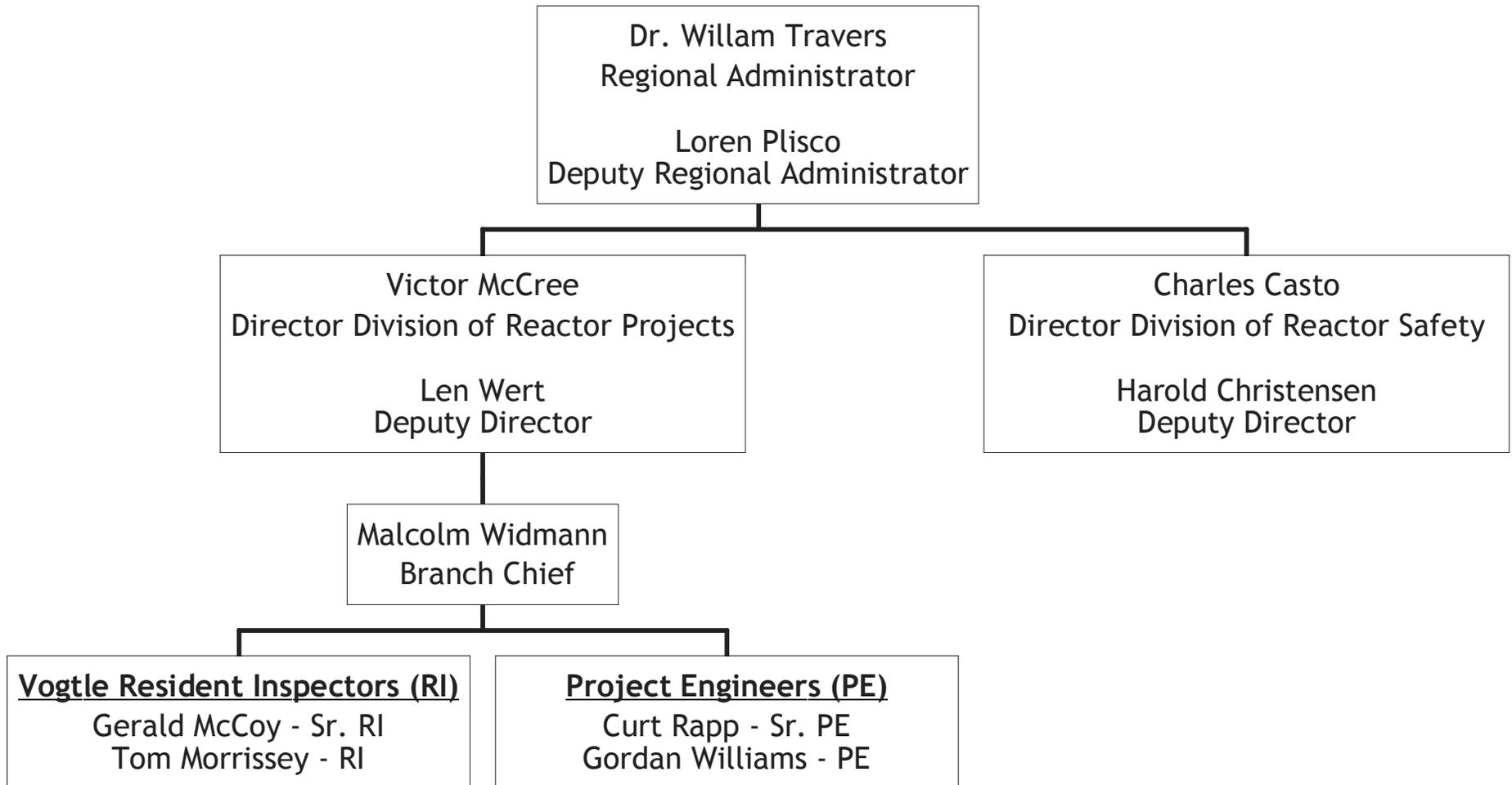
Purpose of Today's Meeting

- A public forum for discussion of plant performance
- 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 Plant Performance Results
- Management Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

Region II Organization



NRC Performance Goals

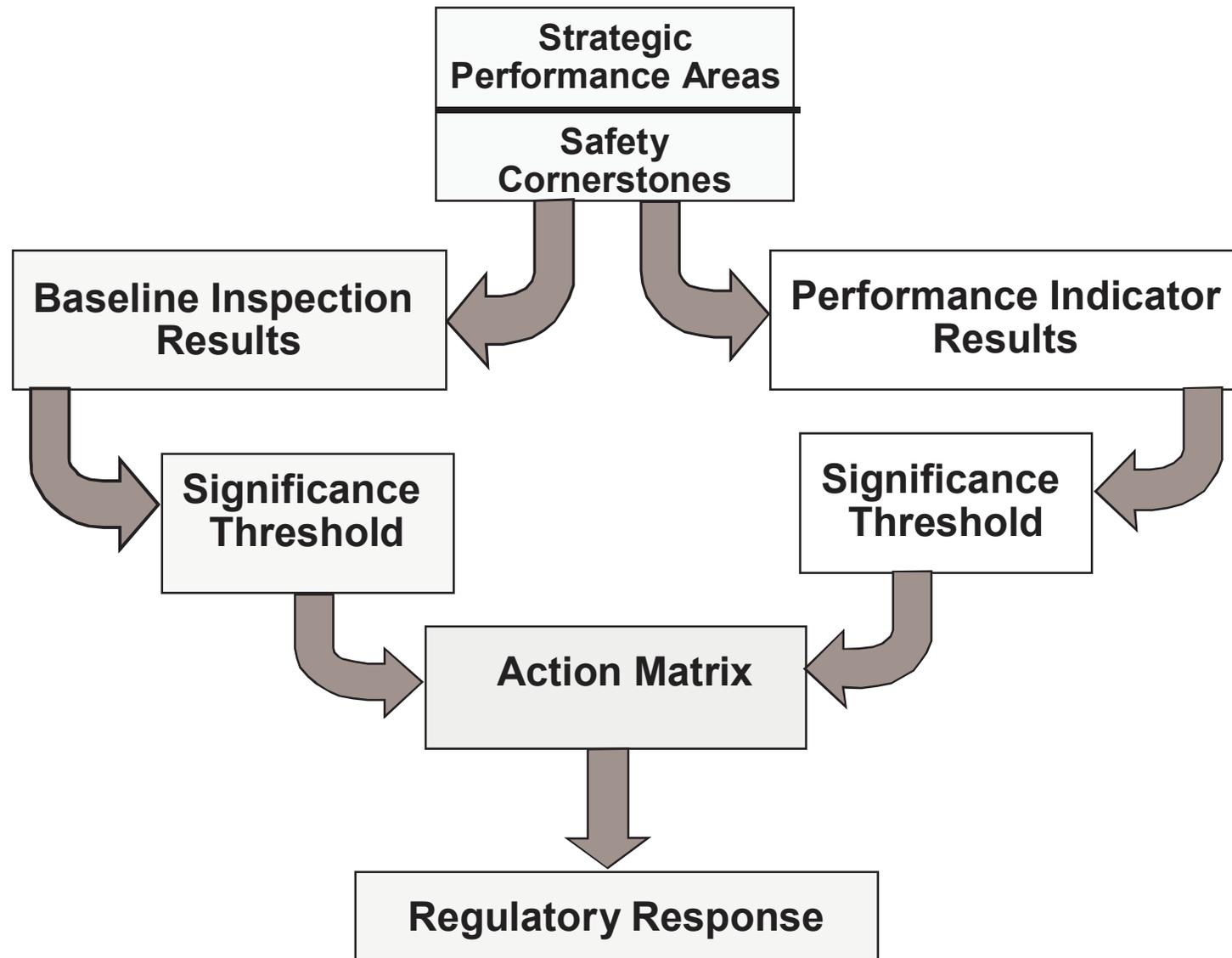
PRIMARY GOALS

- Ensure protection of the public health and safety and of the environment
- Ensure the secure use and management of radioactive materials

OTHER GOALS

- Openness in the regulatory process
- Regulatory actions are effective, efficient, realistic, and timely
- Excellence in carrying out the NRC's mission

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

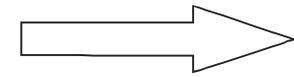
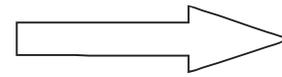
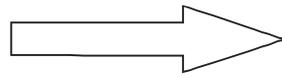
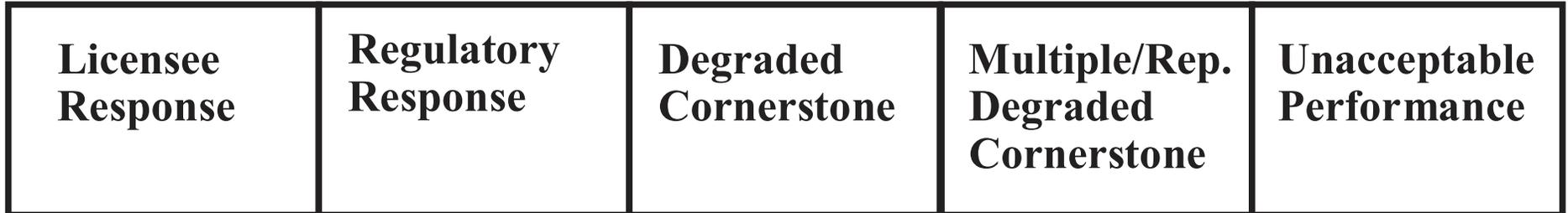
Safety Significance

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 Inspection
White:	May increase NRC oversight
Yellow:	Increased NRC oversight
Red:	Increased NRC oversight and other 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
Total Units	102*

*Davis-Besse is under a special inspection process

Vogtle 2004 Inspection Activities

4600 hours of inspection related activities

- Reactor Vessel Upper and Lower Head
- Containment Sump Blockage
- Radiation Protection
- Triennial Fire Protection
- Biennial Problem Identification and Resolution
- Emergency Preparedness
- Offsite Power Supply Readiness

Vogtle 2004 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 Vogtle in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Vogtle for the remainder of 2005

Vogtle 2005 Inspection Activities

- Plant Modifications
- Emergency Preparedness
- Pressurizer Penetrations
- In-service Inspections
- Radiation Protection
- Reactor Operator Licensing Examinations
- Safety System Design & Performance Capability
- Licensed Reactor Operator Requalification

Licensee Reponse and Remarks

Vogtle Electric Generating Plant

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)