

Annual Assessment Meeting CY 2005

Oconee Nuclear Station



Seneca, SC
April 24, 2006

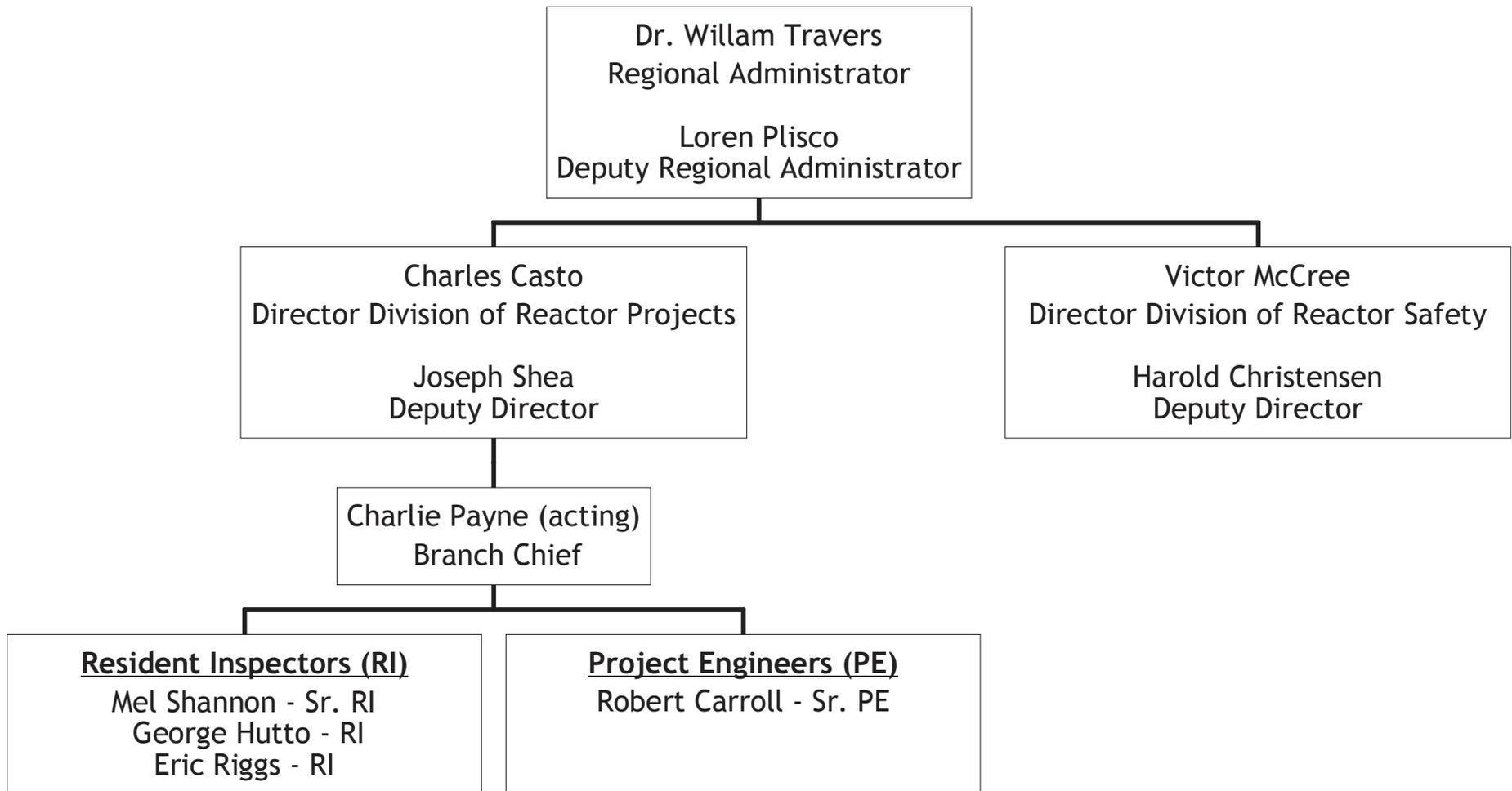
Purpose of Today's Meeting

- A public forum for discussion of plant performance
- Licensee will be given the opportunity to respond to the information in the assessment letter and discuss 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/Remarks
- Closing Remarks
- NRC available to address public questions

Region II Organization



NRC Performance Goals

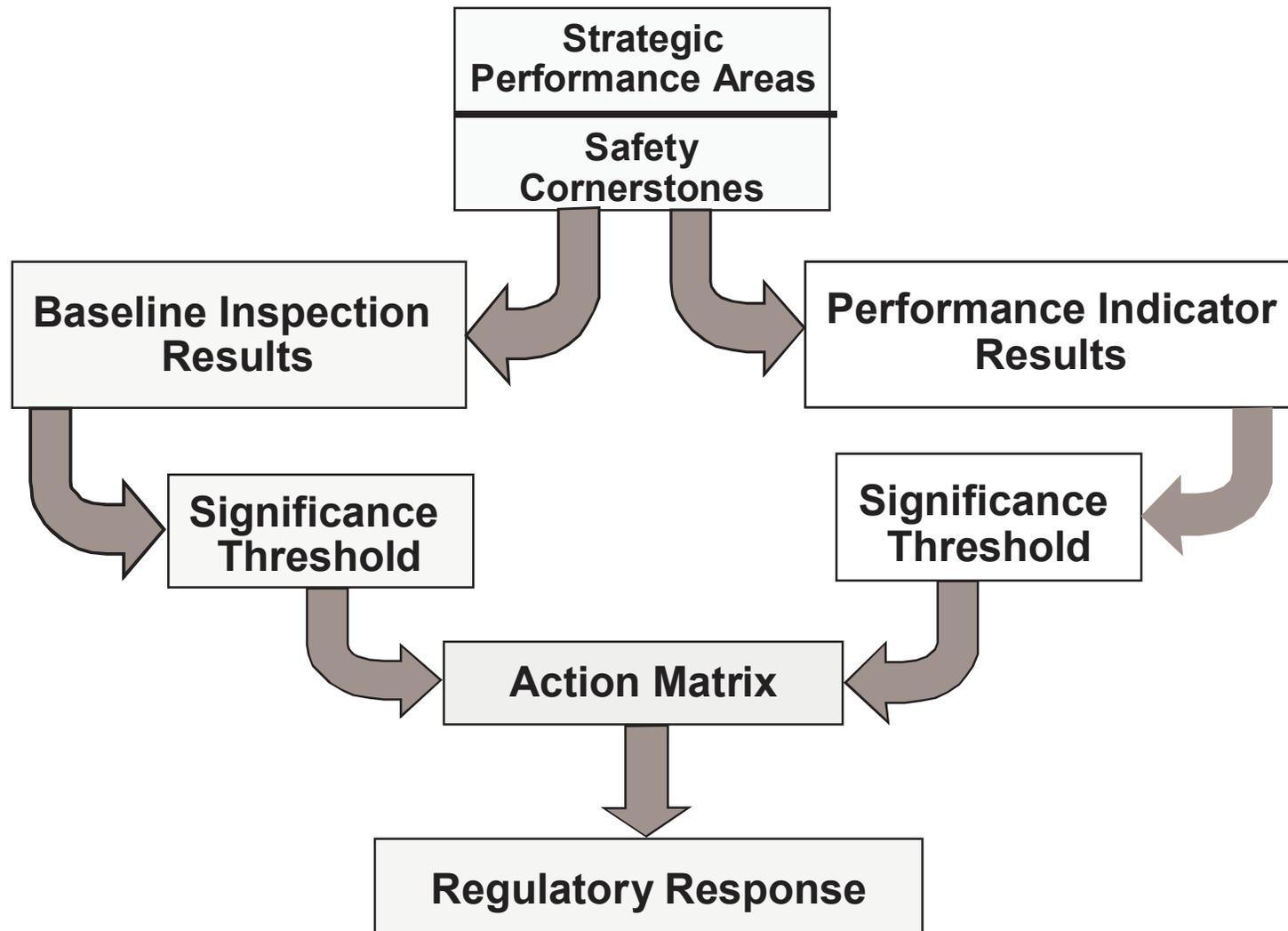
PRIMARY GOALS

- 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 ~80 hrs/yr
- Fire Protection ~200 hrs triennially
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~110 hrs
biennially
- Worker Radiation Protection ~90 hrs/yr
- Corrective Action Program ~250 hrs biennially
- Corrective Action Case Reviews ~60 hrs/yr

Performance Thresholds

Safety Significance

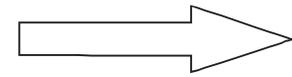
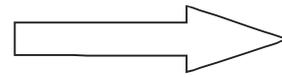
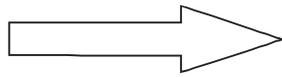
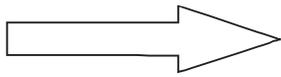
Green:	Very Low Safety Issue
White:	Low to Moderate Safety Issue
Yellow:	Substantial Safety Issue
Red:	High Safety Issue

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

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

2005 Inspection Activities

~ 4500 hours of inspection-related activities

- Emergency Preparedness
- Radiation Protection
- Triennial Fire Protection
- Special Inspection (Unit 3 reactor trip)
- Reactor Operator Initial Licensing Examinations
- Independent Spent Fuel Storage Installation
- Nuclear Material Accountability
- Maintenance Rule Effectiveness
- In-service Inspection and Pressurizer Penetrations
- Biennial Problem Identification and Resolution
- Supplemental Inspection

Assessment Results

- All CY 2005 Findings were classified as very low safety significance (Green)
- All Performance Indicators for CY 2005 were Green
- One White Finding carried over from CY 2004...(failure to maintain SSF licensing basis staffing commitment in event of confirmed plant fire):
 - Affected all three Units 1st and 2nd Qtr 2005...(closed 2nd Qtr 2005)

Assessment Summary

- Duke Energy Corporation operated Oconee in a manner that preserved public health and safety...all cornerstone objectives were met
- Plant Performance:
 - 1st and 2nd Qtr 2005...Regulatory Response Column of Action Matrix (due to White SSF Staffing Finding)
 - 3rd and 4th Qtr 2005...Licensee Response Column of Action Matrix
- NRC plans baseline inspections for the remainder of 2006

2006 Scheduled Inspection Activities

In addition to Resident Inspector daily inspections

- In-service Inspection
- Containment Sump Blockage Modifications
- Radiation Protection
- Component Design Bases Inspection
- Emergency Preparedness Exercise
- Plant Modifications
- Independent Spent Fuel Storage Installation
- Initial Licensed Operator Examinations

Annual Assessment Meeting

Licensee Response/Remarks

Contacting the NRC

- Report an emergency
 - < (301) 816-5100 (call collect)
- Report a safety concern
 - < (864) 882-6927 (Resident Inspectors)
 - < (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
 - < www.nrc.gov
 - < Select Nuclear Reactors, Operating Reactors, Oversight, Reactor Oversight Program
- Public Electronic Reading Room
 - < www.nrc.gov
 - < Select Electronic Public Reading Room
- Public Document Room
 - < 1-800-397-4209 (Toll Free)