

# Annual Assessment Meeting CY 2005

---

Edwin I. Hatch Nuclear Plant



Baxley, GA  
April 12, 2006

# Purpose of Today's Meeting

---

- A public forum for discussion of plant performance
- NRC will address performance issues identified in the annual assessment letter
- 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

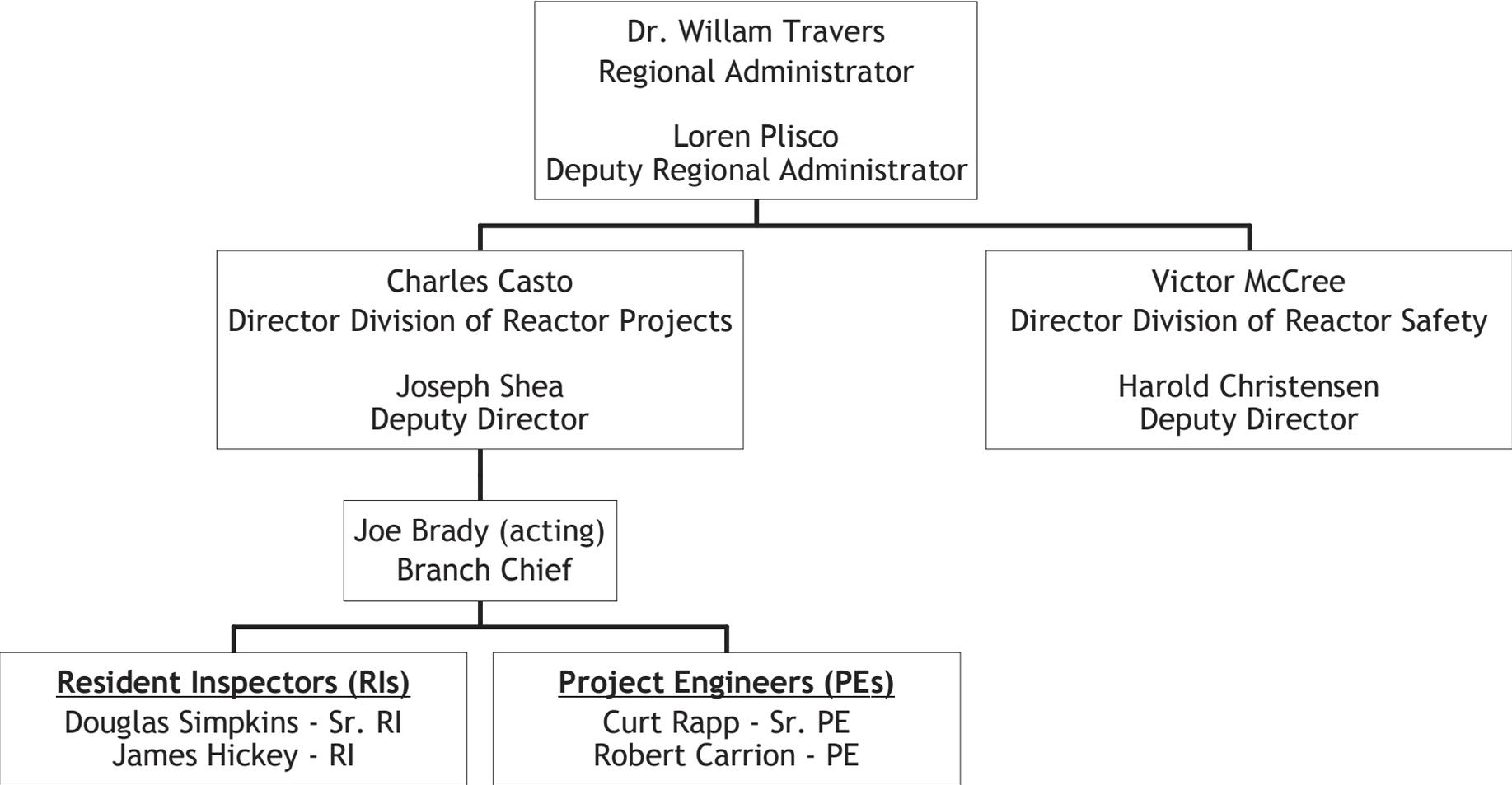
# Agenda

---

- 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

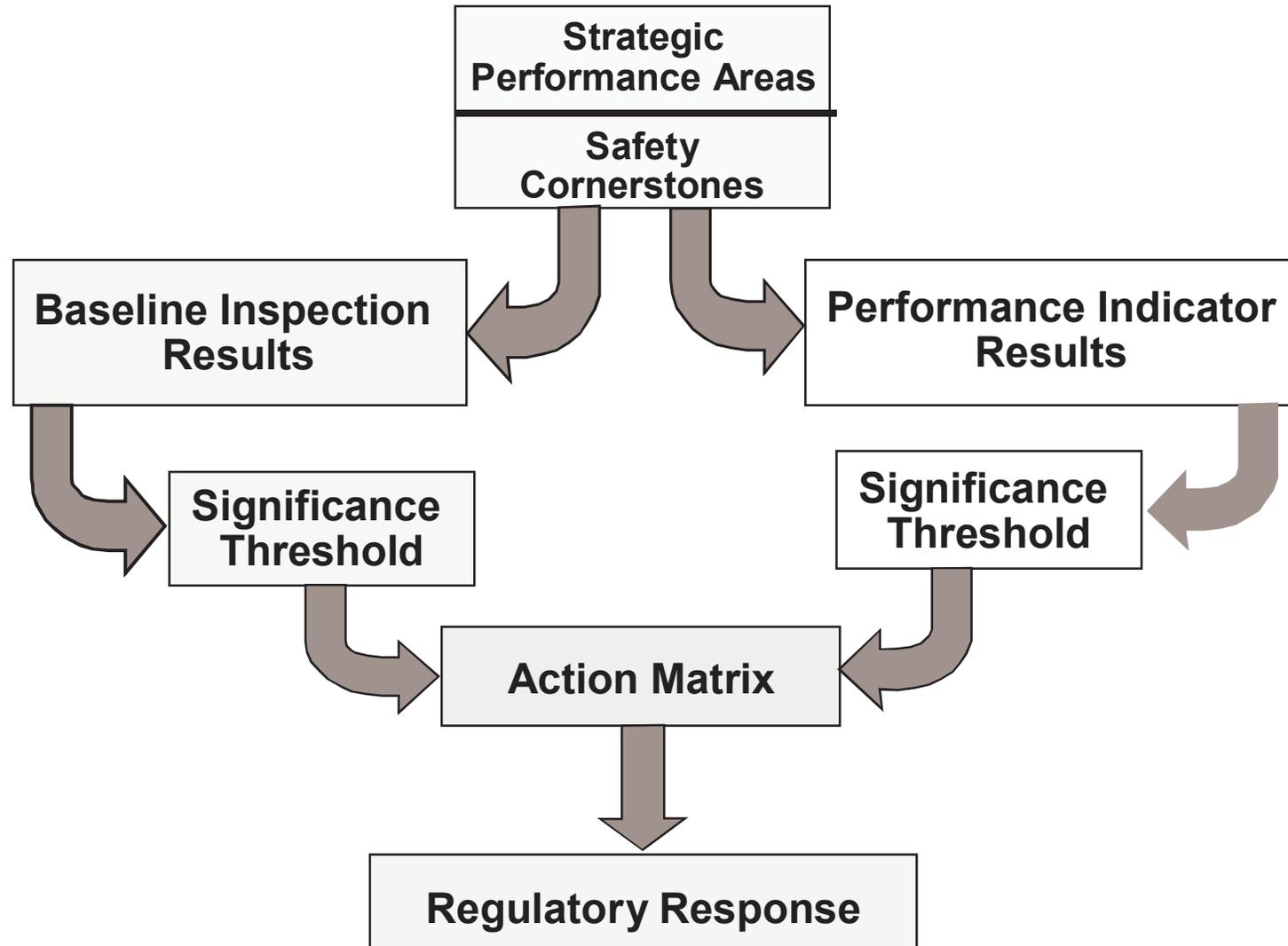
- Ensure protection of the public health and safety and of the environment
- Ensure the secure use and management of radioactive materials

## 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 Program - 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

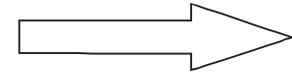
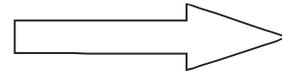
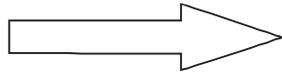
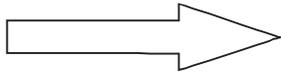
## NRC Inspection Efforts

Green:	Only Baseline Inspection
White:	May increase NRC oversight
Yellow:	Increased NRC oversight
Red:	Increased NRC oversight and other actions

# Action Matrix Concept

---

<b>Licensee Response</b>	<b>Regulatory Response</b>	<b>Degraded Cornerstone</b>	<b>Multiple/Rep. Degraded Cornerstone</b>	<b>Unacceptable Performance</b>
--------------------------	----------------------------	-----------------------------	---	---------------------------------



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

---

3800 hours of inspection related activities

- Emergency Preparedness
- Radiation Protection
- Problem Identification and Resolution
- Reactor Operator Licensing Examinations
- Independent Spent Fuel Storage Installation
- Nuclear Material Accountability

# Assessment Results

---

Plant Performance was within the Regulatory Response Column of the NRC's Action Matrix

- One White Finding in Emergency Preparedness Cornerstone
  - < Technical Support Center was removed from service for greater than seven days without obtaining NRC approval.
- All other Findings were Green
- All Performance Indicators were Green

# Assessment Summary

---

- Southern Nuclear Operating Company operated Hatch in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections for the remainder of 2006

# Hatch 2006 Scheduled Inspection Activities

---

- In-Service Inspection
- Triennial Fire Protection
- Radiation Protection
- Biennial Component Design Basis
- Emergency Preparedness
- Independent Spent Fuel Storage Installation
- Licensed Operator Requalification

# Annual Assessment Meeting

---

Licensee Response/Remarks

# Contacting the NRC

---

- Report an emergency
  - < (301) 816-5100 (call collect)
- Report a safety concern
  - < (912) 367-9881, 9882 (Resident Inspectors)
  - < (800) 695-7403
  - < Allegation@nrc.gov
- General information or questions
  - < [www.nrc.gov](http://www.nrc.gov)
  - < Select “What We Do” for Public Affairs

# Reference Sources

---

- Reactor Oversight Process
  - < [www.nrc.gov](http://www.nrc.gov)
  - < Select Nuclear Reactors, Operating Reactors, Oversight, Reactor Oversight Process
- Public Electronic Reading Room
  - < [www.nrc.gov](http://www.nrc.gov)
  - < Select Electronic Reading Room
- Public Document Room
  - < 1-800-397-4209 (Toll Free)