

Annual Assessment Meeting CY 2004

Edwin I. Hatch Nuclear Plant



Nuclear Regulatory Commission - Region II
Vidalia, GA
April 13, 2005

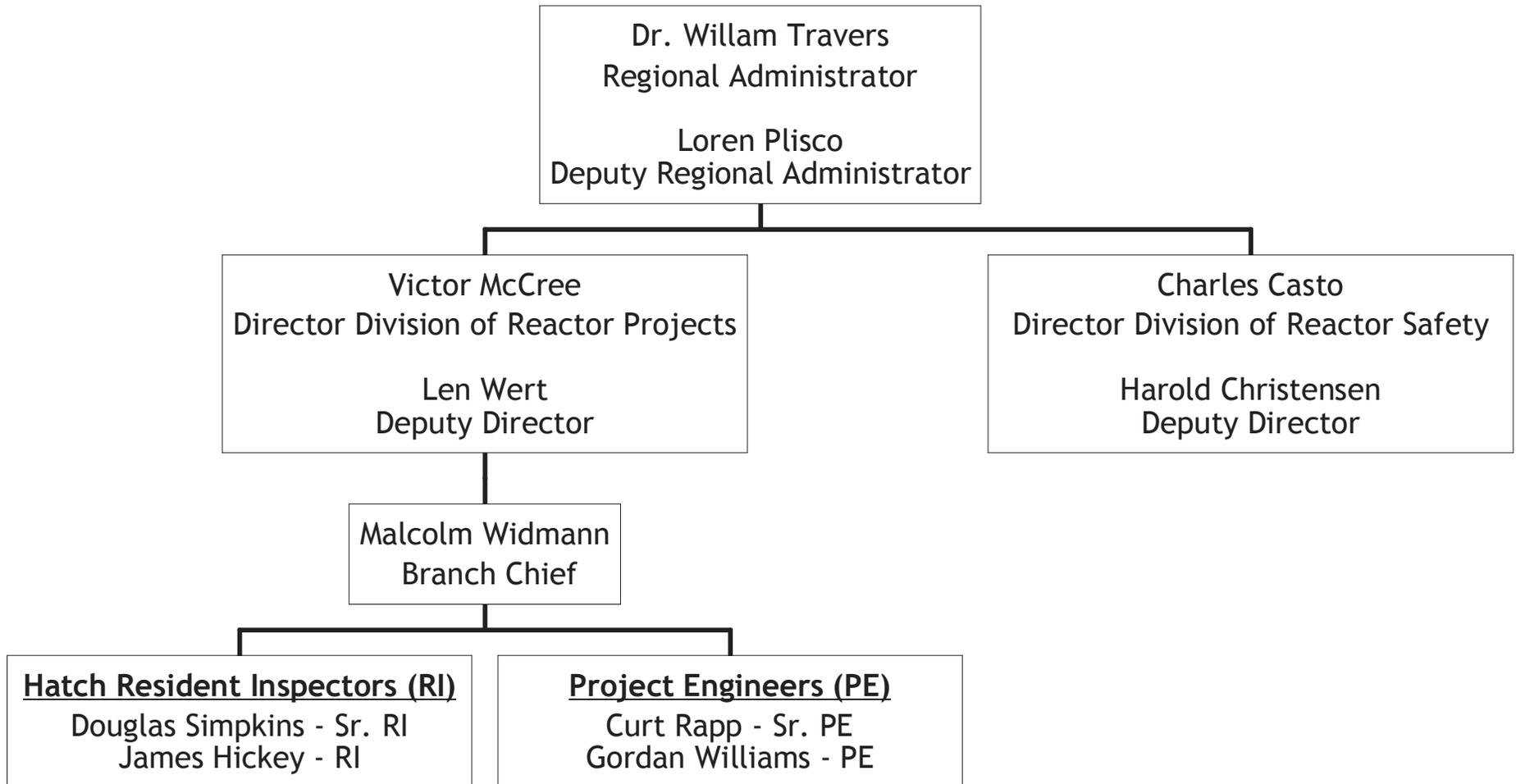
Purpose of Today's Meeting

- 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

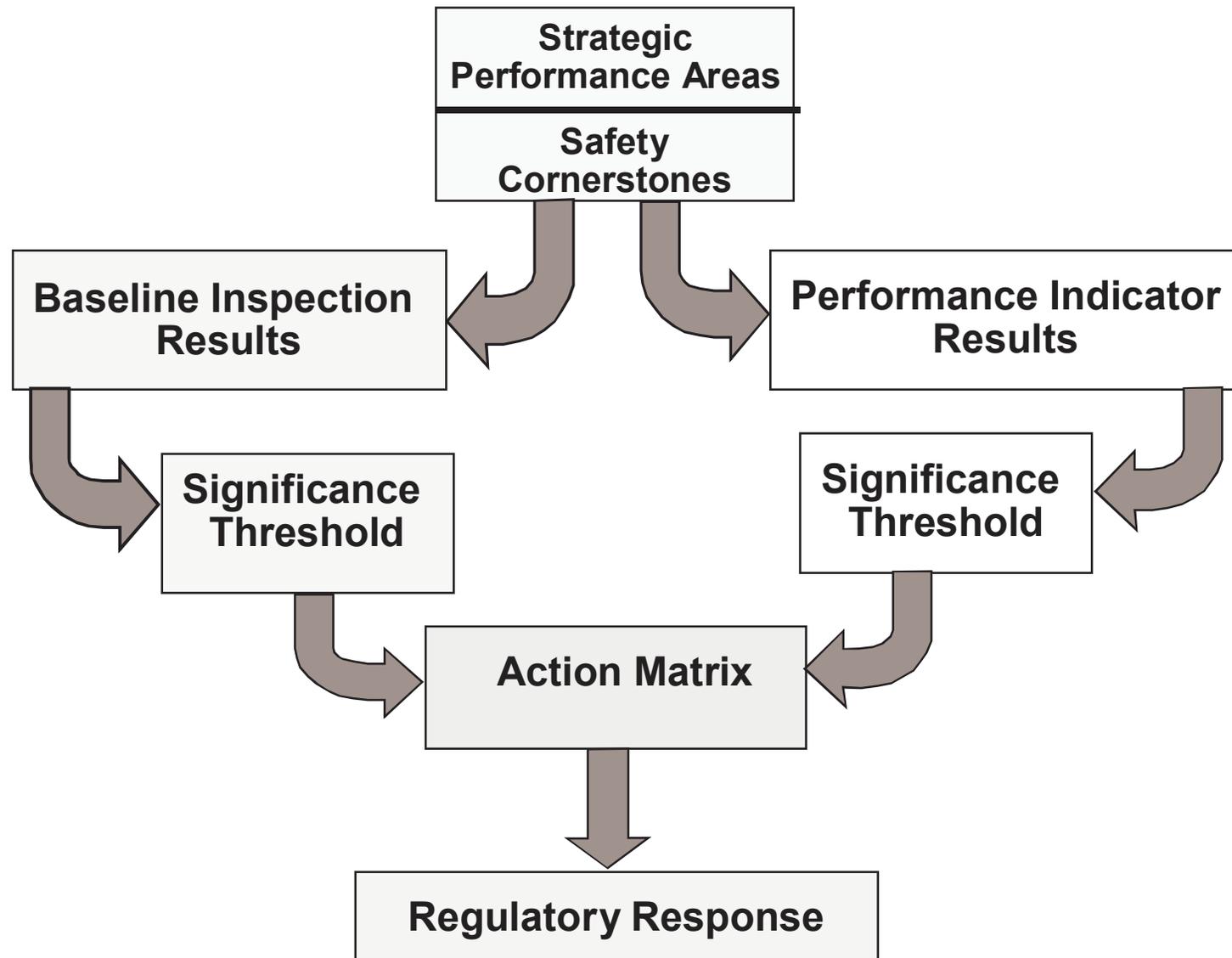
PRIMARY GOALS

- 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

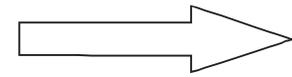
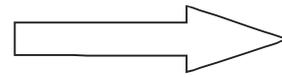
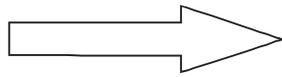
| | |
|---------|------------------------------|
| Green: | Very Low Safety Issue |
| White: | Low to Moderate safety issue |
| Yellow: | Substantial safety issue |
| Red: | High safety issue |

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

| | | | | |
|--------------------------|----------------------------|-----------------------------|---|---------------------------------|
| 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 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

Hatch 2004 Inspection Activities

4000 hours of inspection related activities

- Radiation Protection
- Plant Modifications
- Offsite Power Systems Readiness
- Emergency Preparedness
- Maintenance Rule Implementation
- Safety System Design & Performance Capability
- Licensed Reactor Operator Requalification

Hatch 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

Hatch Annual 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 at Hatch for the remainder of 2005

Hatch 2005 Inspection Activities

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

Licensee Reponse and Remarks

Edwin I. Hatch Nuclear 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)