

Annual Assessment Meeting CY 2005

Joseph M. Farley Nuclear Plant



Dothan, AL
April 18, 2006

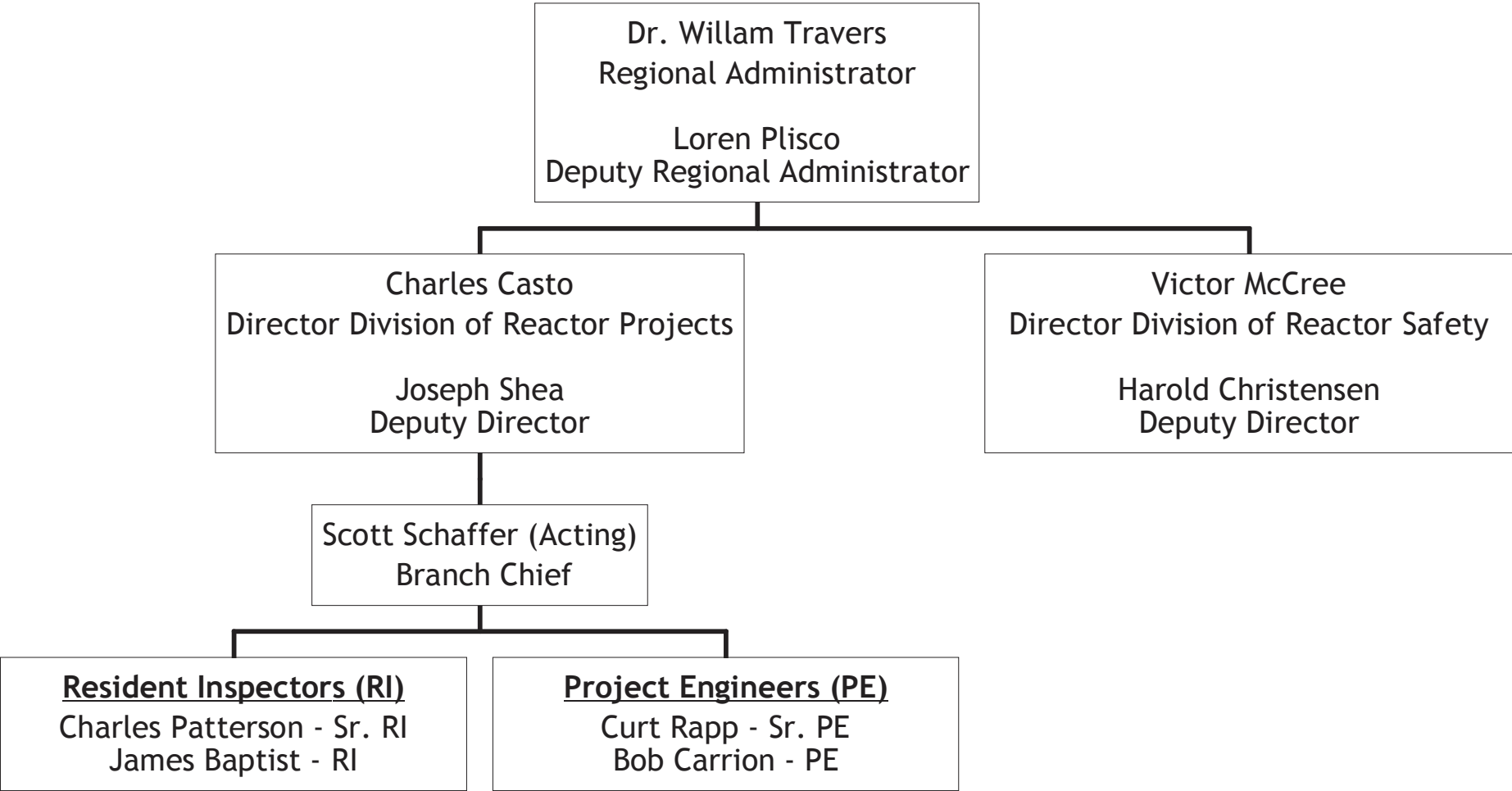
Purpose of Today's Meeting

- 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

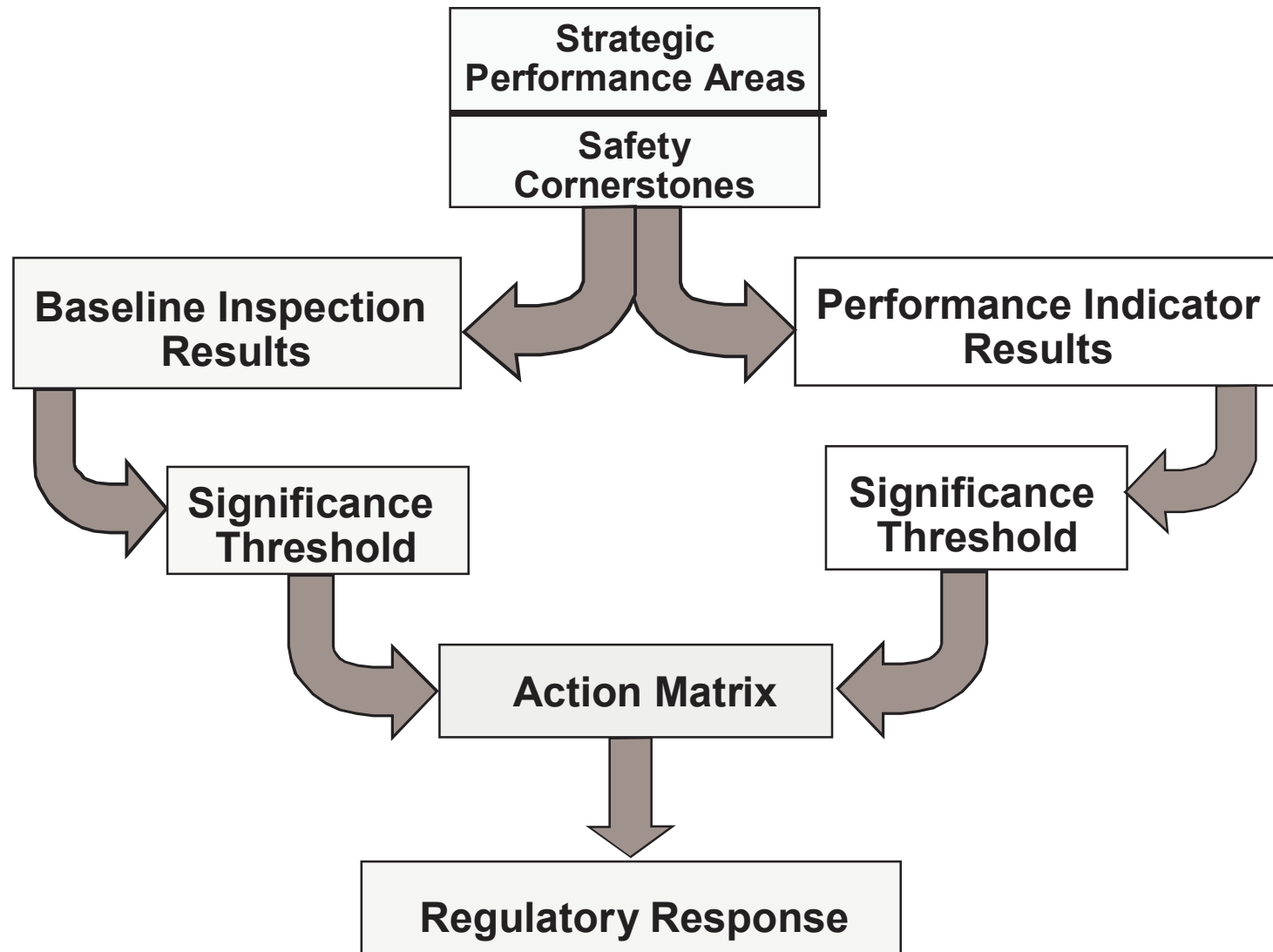
PRIMARY GOALS

- 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 NRC management to carry out the NRC's strategic objective

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

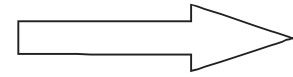
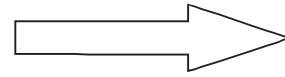
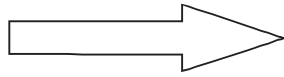
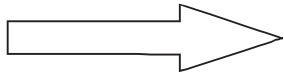
Green:	Very Low Safety Issue
White:	Low to Moderate Safety Issue
Yellow:	Substantial Safety Issue
Red:	High Safety Issue

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

5300 hours of inspection related activities

- Unit 2 Reactor Vessel Head Replacement
- Pressurizer Penetrations
- Emergency Preparedness Exercise
- Triennial Fire Protection
- Radiation Protection
- Biennial Problem Identification & Resolution
- Plant Modifications
- Maintenance Rule Implementation
- Independent Spent Fuel Storage Installation

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

Assessment Summary

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

2006 Scheduled Inspection Activities

In addition to Resident Inspector daily inspections

- Biennial Component Design Basis
- Biennial Emergency Preparedness Exercise
- In-service Inspections
- Radiation Protection
- Independent Spent Fuel Storage Facility
- Heat Sink
- Reactor Operator Initial Licensing Examinations
- Reactor Operator Requalification Program

Annual Assessment Meeting

Licensee Response/Remarks

Contacting the NRC

- Report an emergency
 - < (301) 816-5100 (call collect)
- Report a safety concern
 - < (334) 899-3386, 3387 (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 Process
- Public Electronic Reading Room
 - < www.nrc.gov
 - < Select Electronic Reading Room
- Public Document Room
 - < 1-800-397-4209 (Toll Free)