Joseph M. Farley Nuclear Plant
Annual Assessment Meeting

Reactor Oversight Program - CY 2003

Nuclear Regulatory Commission - Region II
Dothan, AL
April 13, 2004

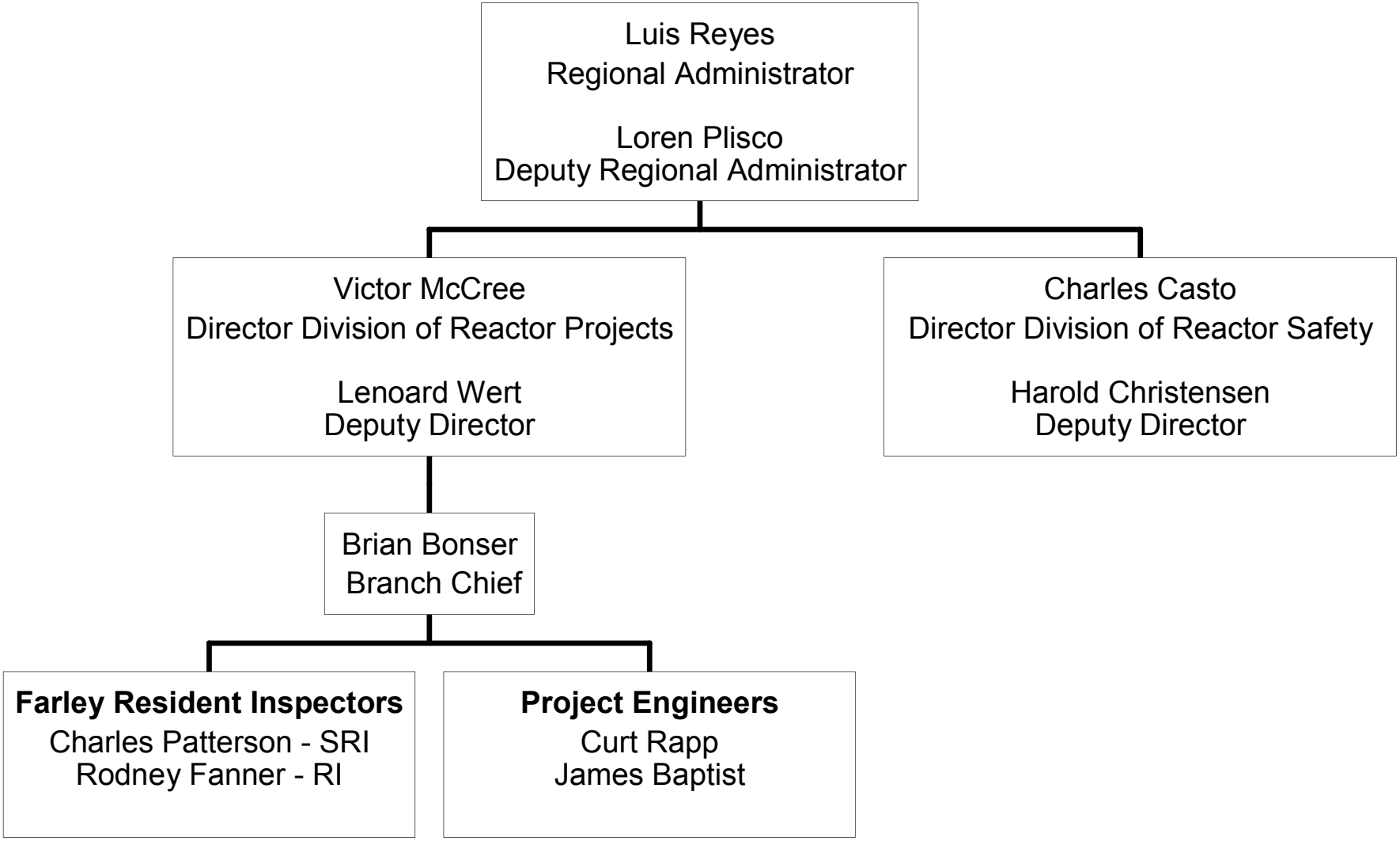
Purpose of Today's Meeting

- A public forum for discussion of Farley's performance
- NRC will address any performance issues identified in the annual assessment letter
- Licensee response to the information in the letter

Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

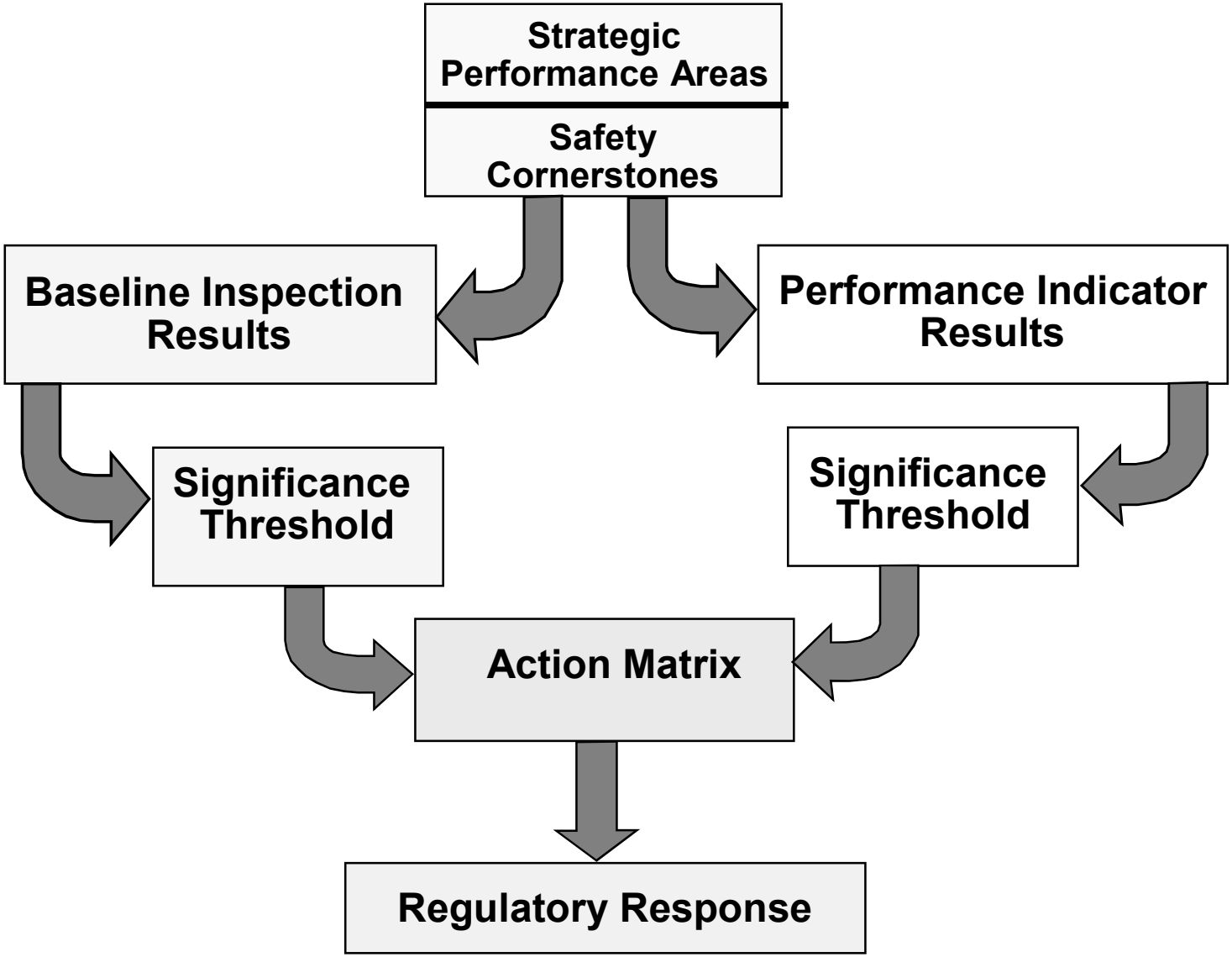
Region II Organization



NRC Performance Goals

- NRC PRIMARY GOAL - Maintain safety and protect the environment
- Enhance public confidence
- Improve effectiveness, efficiency, and realism of processes and decision making
- Reduce unnecessary regulatory burden

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 ~200 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: Requires more NRC oversight
Red: Requires more NRC oversight

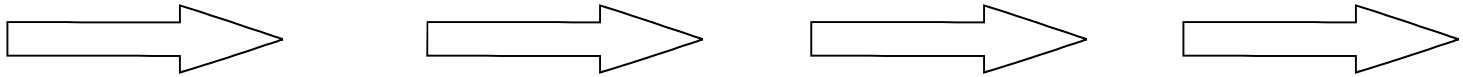
National Summary

- Performance Indicator Results (at end of CY 2003)
  - **Green** 1825
  - **White** 15
  - **Yellow** 0
  - **Red** 0

- Total Inspection Findings (at the end of CY 2003)
  - **Green** 748
  - **White** 19
  - **Yellow** 2
  - **Red** 4

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 2003

Licensee Response	75
Regulatory Response	22
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total Units	102*

*Davis-Besse - Shutdown Operating Reactor with Performance Problems

Farley 2003 Inspection Activities

- 3155 hours of inspection related activities
  - Reactor Vessel Upper Head
  - Reactor Operator Licensing Examinations
  - Biennial Problem Identification and Resolution
  - Emergency Preparedness
  - Security
  - Radiation Protection
  - Engineering

Farley 2003 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

Farley Annual Assessment Summary

- Southern Nuclear Operating Company operated the Farley Nuclear Plant in a manner that preserved public health and safety

- All cornerstone objectives were met.

- NRC plans baseline inspections at Farley for the 2004 assessment period

Farley 2004 Inspection Activities

- Reactor Vessel Upper and Lower Head
- Spent Fuel Material Control and Accounting
- Containment Sump Blockage
- Emergency Exercise
- License Renewal
- Independent Spent Fuel Storage Installation Construction
- Reactor Head Replacement

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)