

Joseph M. Farley Nuclear Plant Annual Assessment Meeting

Reactor Oversight Program - CY 2003



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

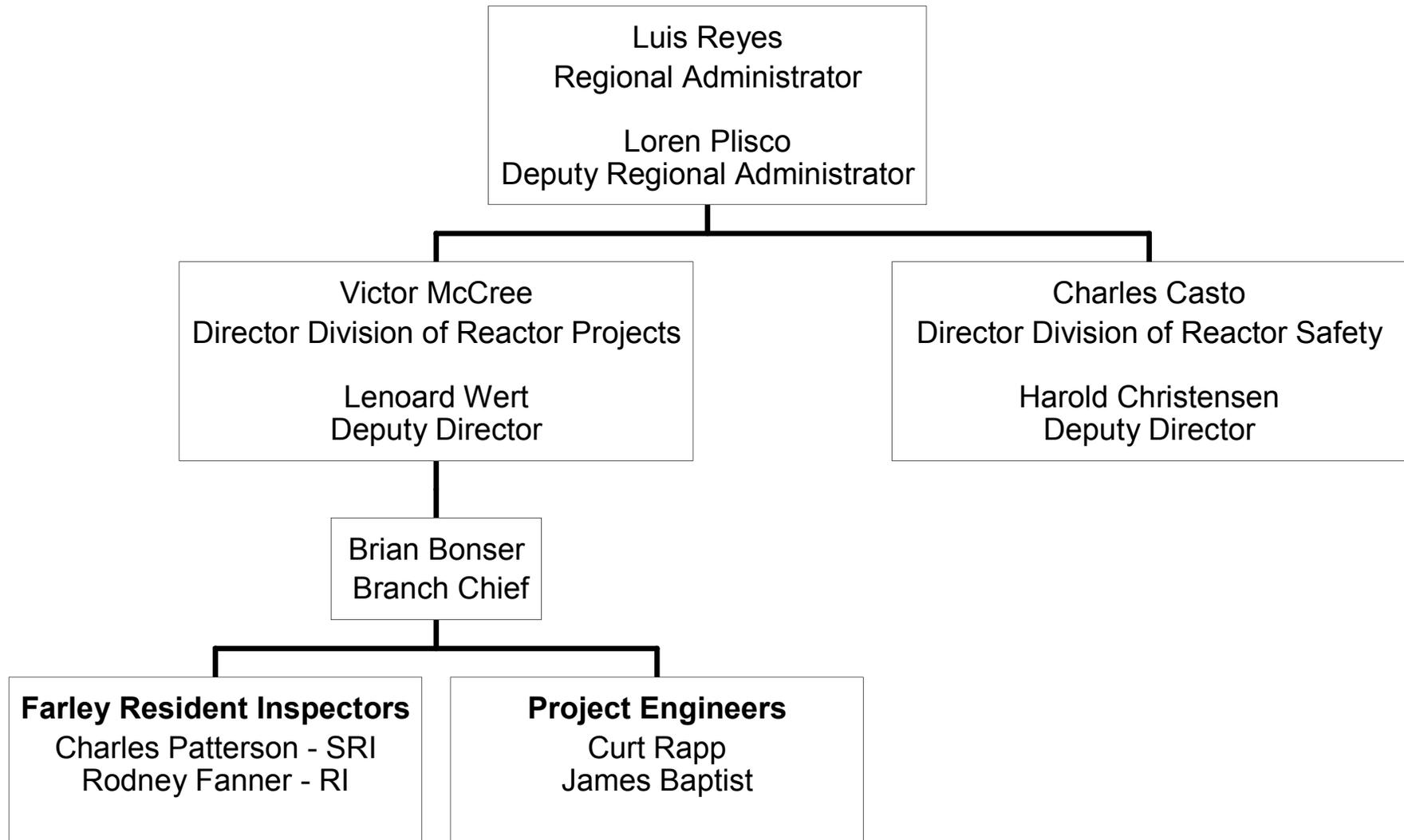
Purpose of Today's Meeting

- 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

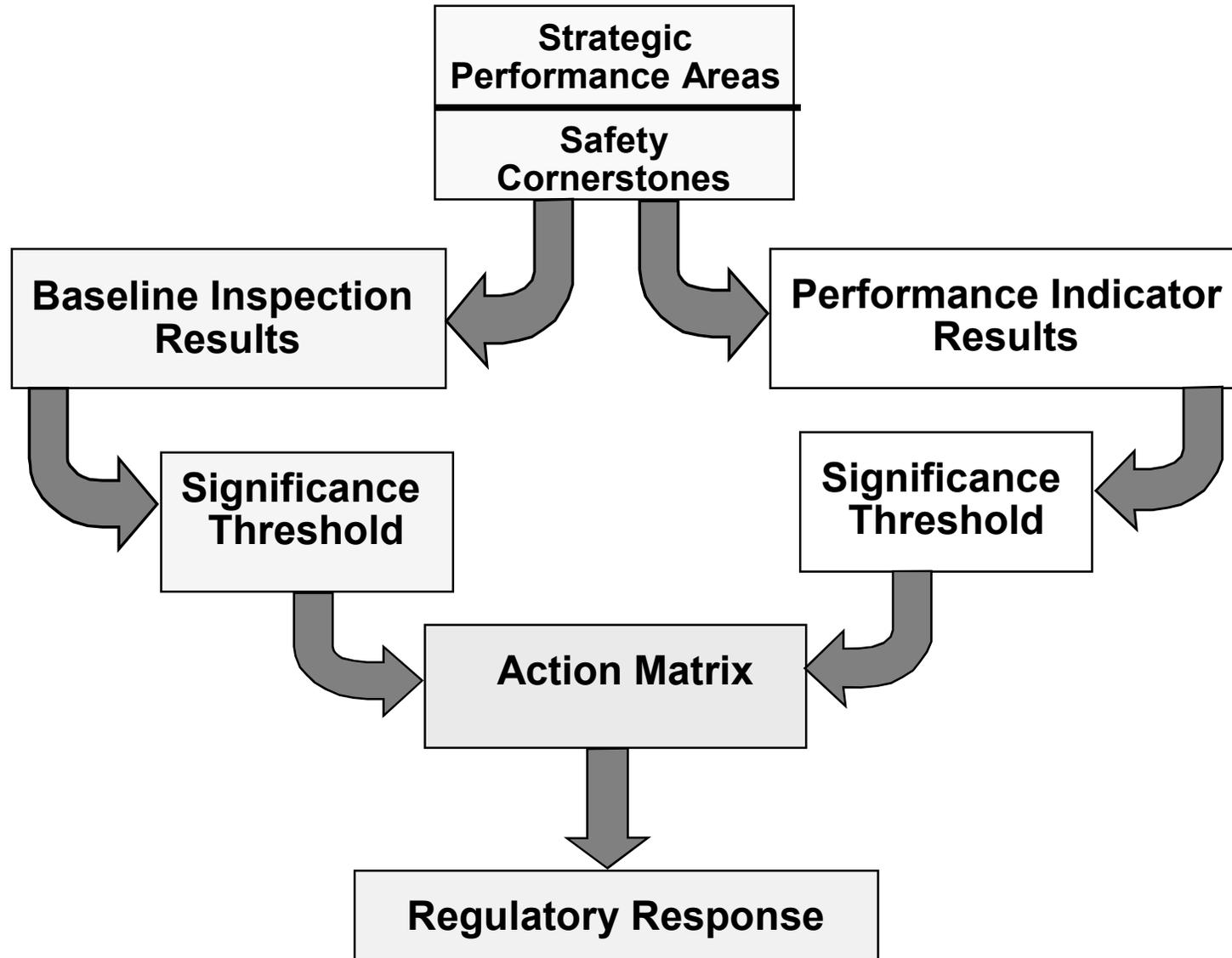
Region II Organization



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

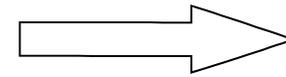
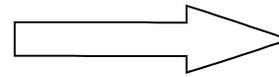
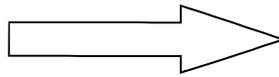
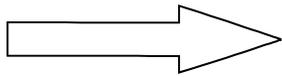
National Summary

- 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
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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 2003

Licensee Response	75
Regulatory Response	22
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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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)