

Crystal River Annual Assessment Meeting

Reactor Oversight Program - CY 2007



Nuclear Regulatory Commission - Region II
Crystal River Florida

April 8, 2008

Enclosure

Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address the licensee performance issues identified in the annual assessment letter
- Licensee 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
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

Region II Organization

Victor McCree
Acting Regional Administrator

Charles Casto
Acting Deputy Regional Administrator

Joseph Shea
Acting Director of Reactor Projects

Harold Christensen
Deputy Director

Marvin Sykes
Branch Chief

Crystal River
Resident Inspectors
Thomas Morrissey
Rogerio Reyes

Project Engineers
Son Ninh
Jeffrey Hamman

Kriss Kennedy
Acting Director of Reactor Safety

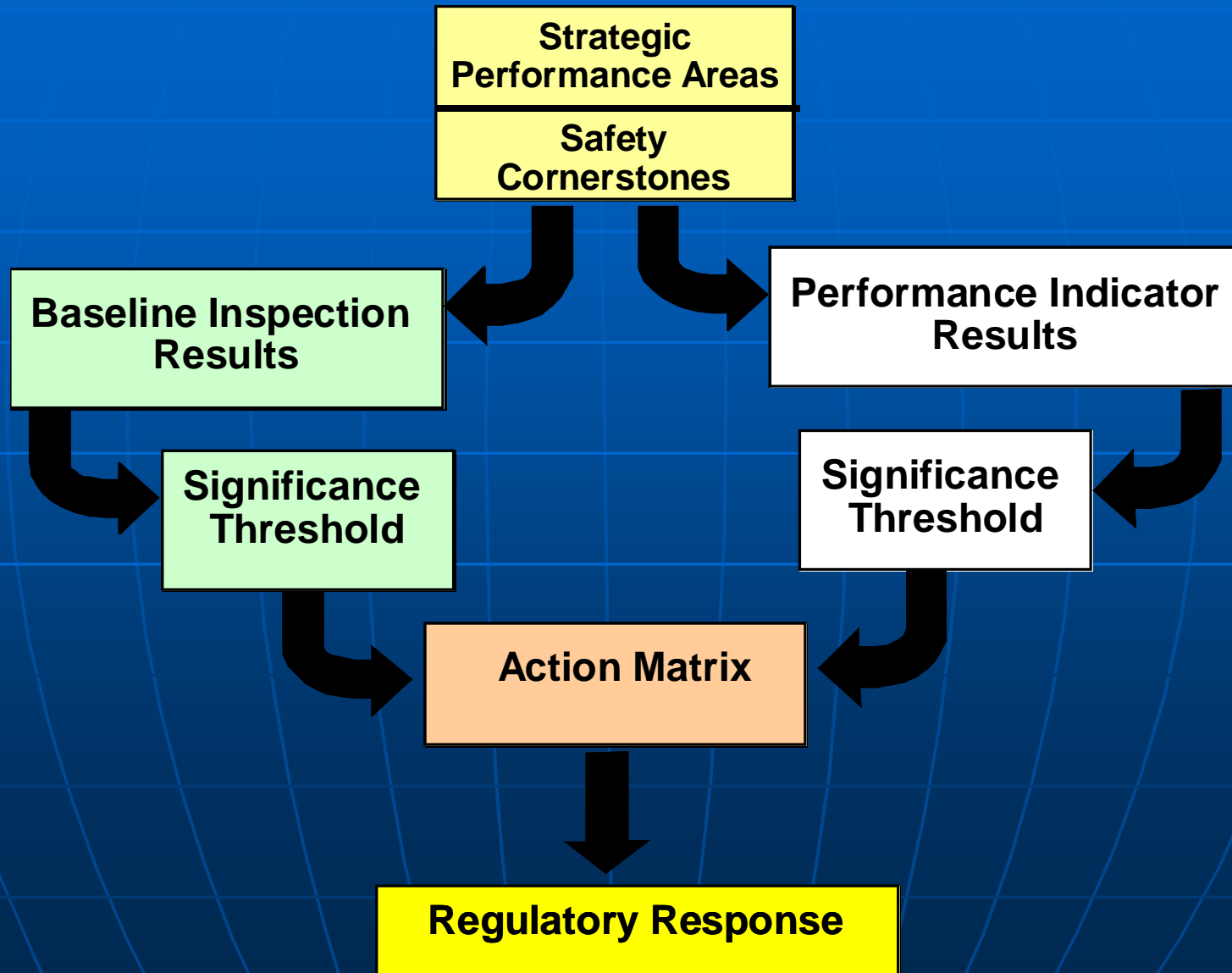
Davis Ayres
Acting Deputy Director

Regional Specialists

NRC Performance Goals

- Safety: Ensure adequate protection of public health and safety and the environment
- Security: Ensure adequate protection in the secure use and management of radioactive materials

Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~80 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~110 hrs every 2 yrs
- Worker Radiation Protection ~90 hrs/yr
- Corrective Action Program ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Significance Threshold

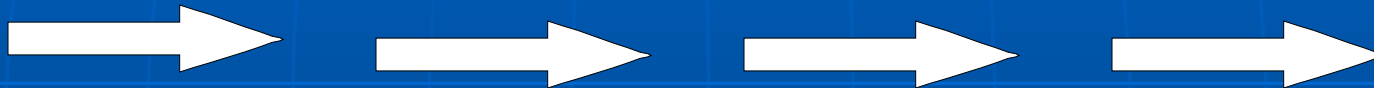
Performance Indicators

- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

Inspection Findings

- Green:** Very Low safety issue
- White:** Low to moderate safety issue
- Yellow:** Substantial safety issue
- Red:** High safety issue

Action Matrix Concept



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 2007

Licensee Response	87
Regulatory Response	8
Degraded Cornerstone	8
Multiple/Repetitive Degraded Cornerstone	1
Unacceptable	0
<u>Total</u>	<u>104</u>

National Summary

- Performance Indicator Results (at end of CY 2007)

▶ Green	1942
▶ White	8
▶ Yellow	2
▶ Red	0

- Total Inspection Findings (CY 2007)

▶ Green	759
▶ White	9
▶ Yellow	5
▶ Red	0

Crystal River Inspection Activities

(Jan 1 - Dec 31, 2007)

- 4100+ hours of inspection related activities
- Resident Inspector daily inspections
- Emergency Preparedness (EP) inspection
- Special Nuclear Material accountability and control inspection
- Radiation Protection (RP) and Inservice Inspections (ISI)
- Component Design Basis Inspection
- PWR Containment Sump Inspection
- Fall 2007 refueling outage inspections: Daily Resident Inspector, Containment Sump, RP and ISI inspections

Crystal River Assessment Results

(Jan 1 - Dec 31, 2007)

- Crystal River's performance was within the Licensee Response Column of the NRC's Action Matrix.
- All findings were of very low safety significance (Green).
- All Performance Indicators (PI) were Green

Crystal River's Annual Assessment Summary

- Progress Energy operated Crystal River Unit 3 in a manner that preserved public health and safety.
- All Cornerstone Objectives were met.
- NRC plans only baseline inspections at Crystal River for CY2008.

Licensee Response and Remarks

Dale Young
Site Vice President
Crystal River Unit 3

Enclosure

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)