

# Turkey Point Annual Assessment Meeting

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Reactor Oversight Program - CY 2007



Nuclear Regulatory Commission - Region II

Homestead, Florida

April 11, 2008

# Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address the licensee performance as 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  
Director of Reactor Projects

Harold Christensen  
Deputy Director

Marvin Sykes  
Branch Chief

Turkey Point  
Resident Inspectors  
Scott Stewart - SRI  
Martha Barillas - RI

Project Engineers  
Son Ninh  
Jeffrey Hammon

Kriss Kennedy  
Director of Reactor Safety

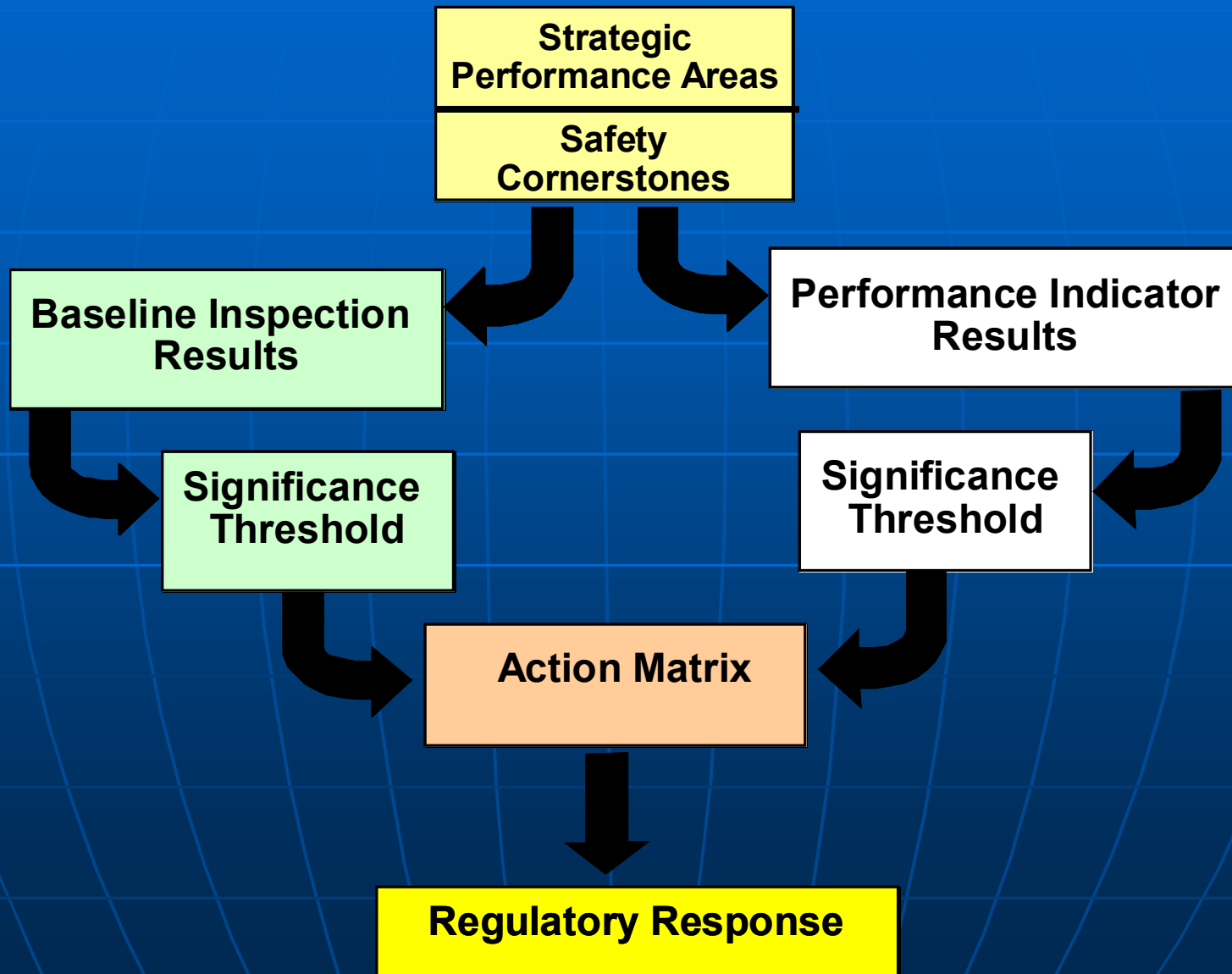
Davis Ayres  
Acting Deputy Director

Regional Specialists

# NRC Strategic 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

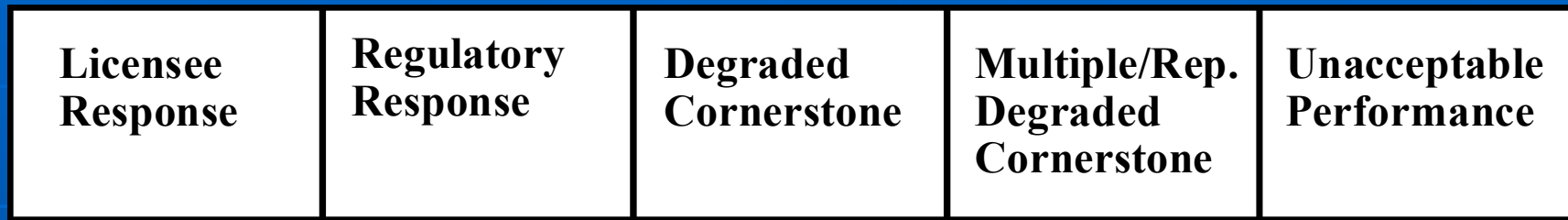
- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

## 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

# Turkey Point Assessment Results

(Jan 1 - Dec 31, 2007)

- Overall, Turkey Point Units 3 and 4 operated in a manner that preserved health and safety and fully met all cornerstone objectives. Plant performance for Turkey Point Unit 3 was within the Licensee Response Column of the NRC Action Matrix for the last two quarters of CY 2007 and within the Regulatory Response column for the first two quarters of CY 2007. No safety significant Findings or Performance Indicators were identified in 2007.
- A Supplemental Inspection for Unit 3 was conducted using Inspection Procedure (IP) 95001, “Inspection for One or Two White Inputs in a Strategic Performance Area, “ to evaluate actions from a loss of decay heat removal event that occurred in 2006. No additional findings of significance were identified and the White finding was resolved.

## **Substantive Cross-Cutting Issue in Problem Identification and Resolution (PI&R)**

- Identified in mid-cycle 2006 assessment.
- Focused inspection in December 2007 noted some improvements. Some important corrective actions had not been fully implemented.
- Green findings with cross-cutting aspect in PI&R demonstrate underlying weakness that requires continued management involvement.
- Cross-cutting issue remains open. An independent assessment of your corrective actions is requested.

# Turkey Point

## Annual Assessment Summary

January 1 - December 31, 2007

- FPL operated Turkey Points Units 3 & 4 in a manner that preserved public health and safety.
- All cornerstone objectives were met. Substantive cross-cutting issue in Problem Identification and Resolution will remain open and licensee action is requested.
- NRC plans baseline inspections at TP for the remainder of the assessment period. An additional problem identification and resolution inspection was conducted in March 2008 and no findings were identified. A baseline PI&R inspection will be conducted in June 2008.

# Licensee Response and Remarks

William Jefferson  
Site Vice President  
Turkey Point

# 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](http://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)