

NRC CY2005 Annual Assessment Meeting

TURKEY POINT



**Homestead, Florida
May 17, 2006**

Enclosure 2

Purpose of Today's Meeting

- A public forum for discussion of Turkey Point performance
- NRC will address Turkey Point performance issues identified in the annual assessment letter
- Turkey Point management 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 Turkey Point Plant Performance Results
- Turkey Point Management Response and Remarks
- NRC Closing Remarks
- Break
- NRC Available to Address Public Questions

Region II Organization

William Travers
Regional Administrator

Loren Plisco
Deputy Regional Administrator

Charles Casto
Director Division of Reactor Projects

Joseph Shea
Deputy Director

Joel Munday
Branch Chief

Turkey Point
Resident Inspectors
Scott Stewart
Tim Kolb

Project Engineer
Son Ninh

Victor McCree
Director Division of Reactor Safety

Harold Christensen
Deputy Director

Regional Specialists

NRC Performance Goals

PRIMARY GOALS

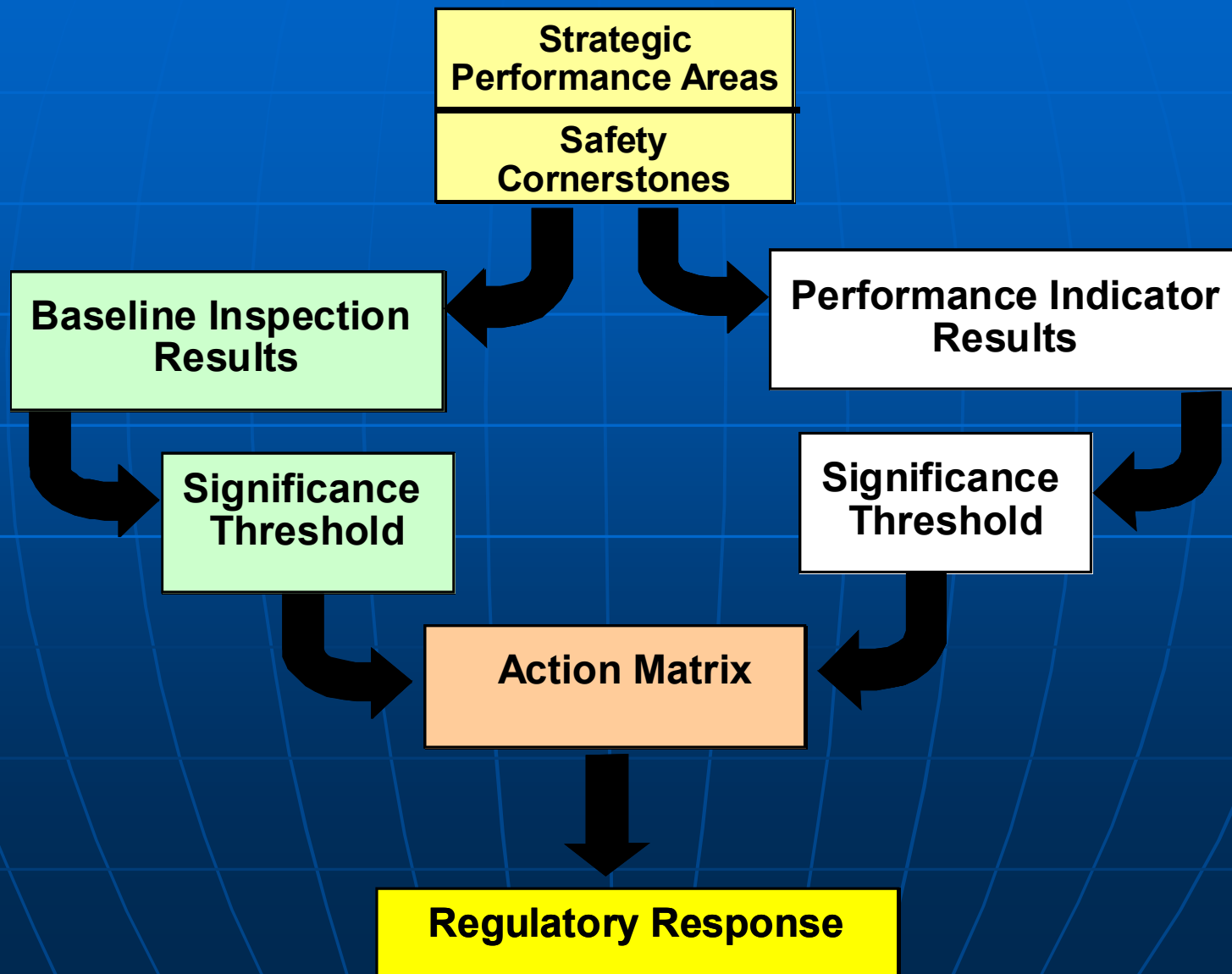
**Ensure protection of the public health and safety
and the environment**

**Ensure the secure use and management of
radioactive materials**

OTHER GOALS

- Ensure openness in NRC regulatory process**
- Ensure that NRC actions are effective, efficient, realistic, and timely**
- Ensure excellence in NRC management to carry out the NRC's strategic objective**

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

Performance Thresholds

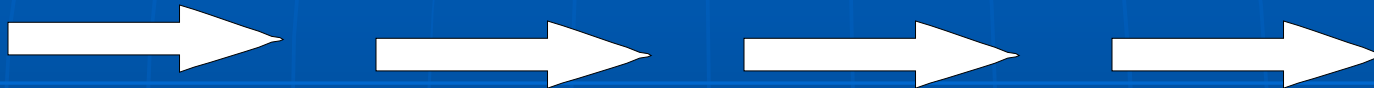
Safety Significance

- 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 Inspections
- White:** May increase NRC oversight
- Yellow:** Increased NRC oversight
- Red:** Increased NRC oversight and other NRC actions

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 2005

Licensee Response	84
Regulatory Response	12
Degraded Cornerstone	4
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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Total	103

Turkey Point CY2005 Inspection Activities

- 3593 hours of inspection related activities
- Resident inspector daily inspections
- Engineering modifications inspection
- Emergency preparedness inspection
- Maintenance inspections
- Radiation protection inspections
- Reactor head replacement and containment repair inspections
- Reactor operator initial exam
- Supplemental inspection (95001 for a WHITE Unplanned Scrams per 7000 Critical Hours PI in the Initiating Events Cornerstone)

Turkey Point CY2005 Assessment Results

- Both units performance was within the Licensee Response Column of the NRC's Action Matrix for the first two quarters of the calendar year.
- Unit 4 transitioned into the regulatory response column in the third quarter and both units in the fourth quarter.

Turkey Point CY2005 Assessment Results

- All inspection findings were classified as very low safety significance (Green).
- All performance indicators (PI) were Green with two exceptions – (1) The Unplanned Scrams per 7000 Critical Hours PI for unit 4 crossed the White threshold in the Initiating Events Cornerstone in the third quarter; (2) The Heat Removal System Unavailability PI for both units crossed the White threshold in the Mitigating System Cornerstone in the fourth quarter.

Turkey Point Assessment Summary

- Florida Power and Light Company operated Turkey Point in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections and a 95001 supplemental inspection at Turkey Point for the remainder of CY 2006.

Turkey Point CY2006 Scheduled Inspection Activities

- Resident inspector daily inspections
- Emergency preparedness inspection
- Problem identification and resolution inspection
- Radiation protection inspections
- Licensed operator requalification program inspection
- Component design bases inspection
- Maintenance inspections
- Containment sump special inspection
- Supplemental inspection for White PI

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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)