

NRC CY2004 Annual Assessment Meeting

TURKEY POINT



**Homestead, Florida
May 18, 2005**

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
- Organization and purpose
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Turkey Point Plant Performance Assessment Results
- Turkey Point Management Response and Remarks
- NRC Closing Remarks
- Break
- NRC Available to Address Public Questions

NRC Performance Goals

PRIMARY GOALS

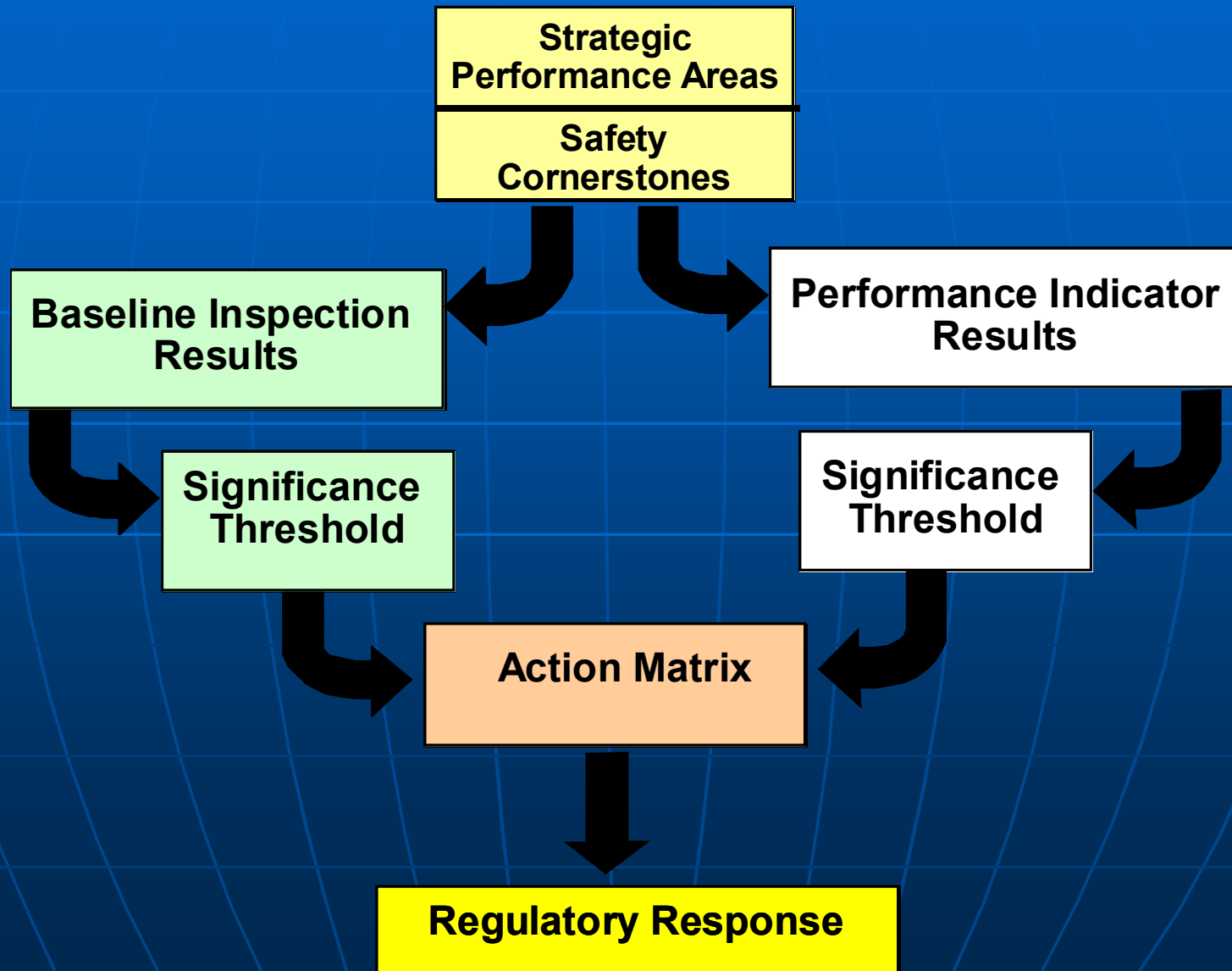
**Ensure protection of the public health and safety
and the environment**

**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 ~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 ~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 2004

| | |
|--|------|
| Licensee Response | 78 |
| Regulatory Response | 21 |
| Degraded Cornerstone | 0 |
| Multiple/Repetitive Degraded Cornerstone | 3 |
| Unacceptable | 0 |
| <hr/> | |
| Total | 102* |

*Davis-Besse under a special inspection process

Turkey Point CY2004 Inspection Activities

- 5083 hours of inspection related activities
- Licensed operator requalification program inspection
- Engineering modifications inspection
- Radiation protection inspections
- Maintenance inspections
- Fire protection inspection
- Emergency preparedness inspection
- Safety system design and performance capability inspection
- Problem identification and resolution inspection
- Reactor head replacement and containment repair inspections

Turkey Point CY2004 Assessment Results

- Both units performance were 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 (PI) were Green

Turkey Point

Annual 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 at Turkey Point for the remainder of CY 2005

Turkey Point CY2005 Inspection Activities

- Resident inspector daily inspections
- Radiation protection inspections
- Maintenance inspections
- Engineering modifications inspection
- Emergency preparedness inspection
- Reactor operator initial exam
- Reactor head replacement and containment repair inspections

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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)