

NRC CY2004 Annual Assessment Meeting

ST. LUCIE



**Jensen Beach, Florida
May 16, 2005**

Purpose of Today's Meeting

- A public forum for discussion of St. Lucie performance
- NRC will address St. Lucie performance issues identified in the annual assessment letter
- St. Lucie 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 St. Lucie Plant Performance Assessment Results
- St. Lucie 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

J. Shea
Deputy Director

Joel Munday
Branch Chief

St. Lucie
Resident Inspectors
Tim Hoeg
Steven Sanchez
Site Secretary – Laura Orr

Project Engineers
Son Ninh
Steven Rudisail

Victor McCree
Director Division of Reactor Safety

Harold Christensen
Deputy Director

Regional Specialists

NRC Performance Goals

PRIMARY GOALS

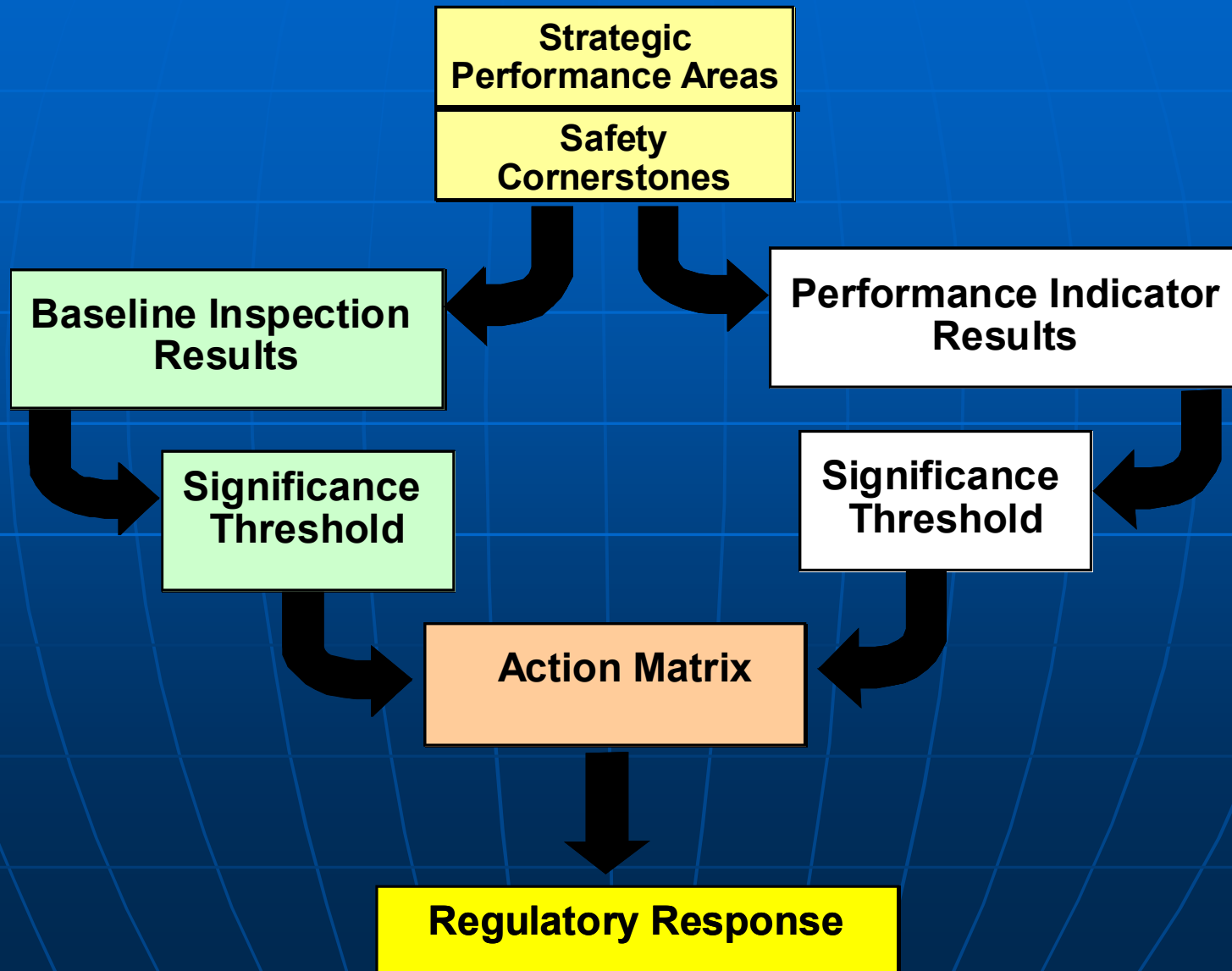
**Ensure protection of the public health and safety
and the environment**

**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 ~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
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Total	102*

*Davis-Besse under a special inspection process

St. Lucie CY2004

Inspection Activities

- 3276 hours of inspection related activities
- Supplemental inspection 95001
- Radiation protection inspection
- Maintenance inspections
- Reactor operator initial and retake exams
- Problem identification and resolution inspection
- Emergency preparedness inspection

St. Lucie CY2004 Assessment Results

- Both units performance were within the Licensee Response Column of the NRC's Action Matrix with one exception. St. Lucie Unit 2 was within the Regulatory Response Column of the NRC's Action Matrix in the First Quarter.
- All inspection findings were classified as very low safety significance (Green)
- All performance indicators (PI) were Green with one exception. St. Lucie Unit 2 Unplanned Scram PI was White in the First Quarter.

St. Lucie

Annual Assessment Summary

- Florida Power and Light Company operated St. Lucie in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at St. Lucie for the remainder of CY 2005

St. Lucie CY2005 Inspection Activities

- Resident inspector daily inspections
- Radiation protection inspections
- Maintenance inspections
- Engineering modifications inspection
- Emergency preparedness inspection
- Safety system design and performance capability inspection
- Licensed operator requalification program inspection
- Reactor head and pressurizer replacement inspections

NRC CY2004
Annual Assessment Meeting

FLORIDA POWER & LIGHT
ST. LUCIE SITE VICE PRESIDENT
WILLIAM JEFFERSON

Jensen Beach, Florida
May 16, 2005

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)