

# Seabrook

## Annual Assessment Meeting

Reactor Oversight Program - CY 2005



Nuclear Regulatory Commission - Region I  
King of Prussia, Pennsylvania  
March 30, 2006

# 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 I Organization

Samuel J. Collins  
Regional Administrator

Marc L. Dapas  
Deputy Regional Administrator

Brian E. Holian  
Director Division of Reactor Projects

David C. Lew  
Deputy Director

A. Randolph Blough  
Director Division of Reactor Safety

Marsha K. Gamberoni  
Deputy Director

Paul G. Krohn  
Branch Chief

Regional Specialists

Seabrook  
Resident Inspectors  
Glenn Dentel  
Steve Shaffer

Senior Project Engineers  
Scott Barber  
Barry Norris

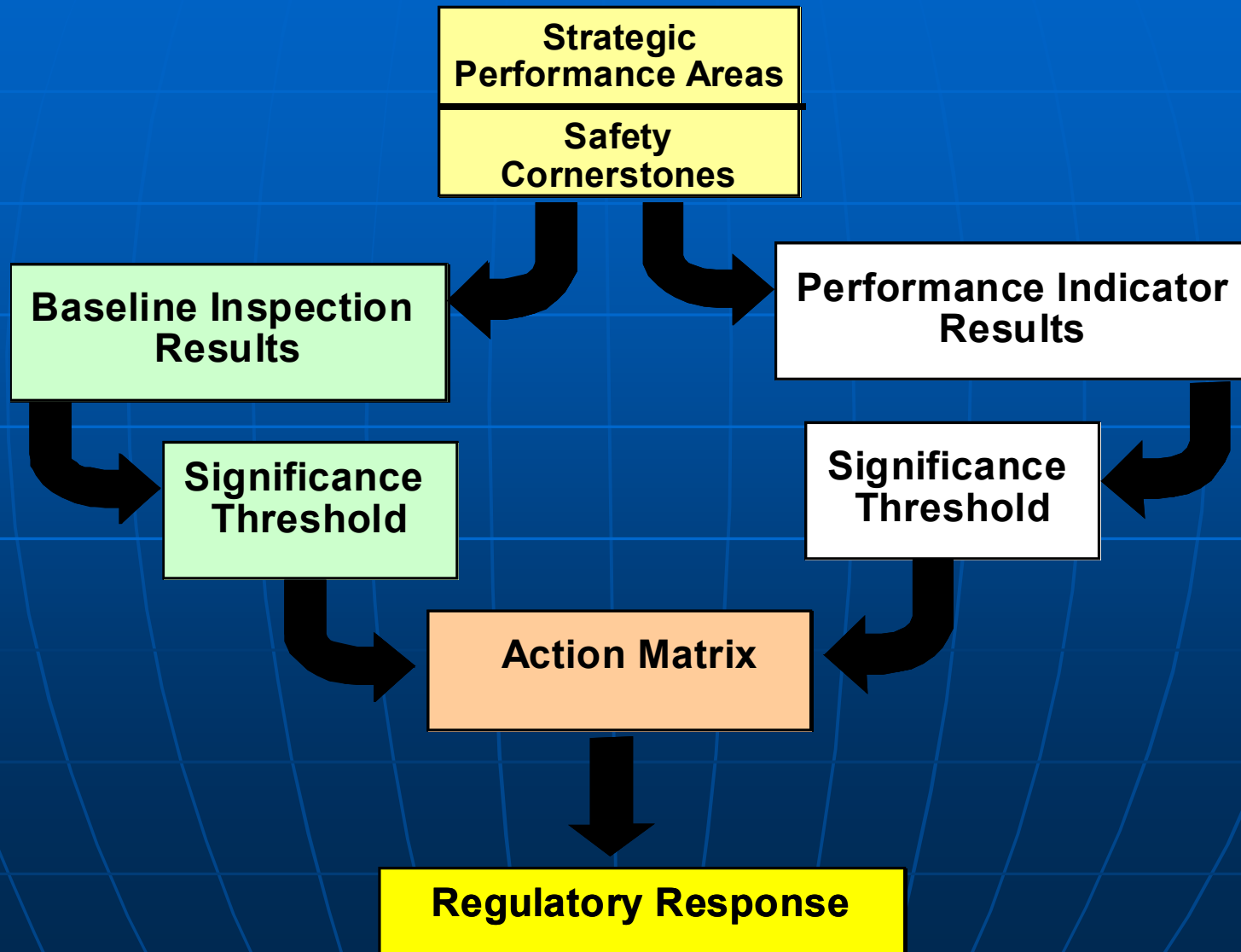
# NRC Representatives

- Glenn Dentel, Senior Resident Inspector  
Steve Shaffer, Resident Inspector  
- (603) 474-3589/3580
- Ed Miller, Project Manager, NRR  
- (301) 415-2481
- Paul Krohn, Branch Chief  
- (610) 337-5120
- Scott Barber, Senior Project Engineer  
- (610) 337-5232
- Barry Norris, Senior Project Engineer  
- (610) 337-5111

# NRC Performance Goals

- Safety: Ensure protection of the public health and safety and the environment
- Security: Ensure the secure use and management of radioactive materials
- Openness: Ensure openness in our regulatory process
- Effectiveness: Ensure that NRC actions are effective, efficient, realistic, and timely
- Management: Ensure excellence in agency management to carry out the NRC 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



# Significance Threshold

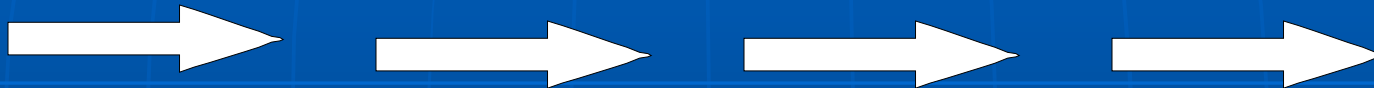
## Performance Indicators

- Green:** 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 2005

|  |            |
|--|------------|
| Licensee Response                        | 84         |
| Regulatory Response                      | 12         |
| Degraded Cornerstone                     | 4          |
| Multiple/Repetitive Degraded Cornerstone | 3          |
| Unacceptable                             | 0          |
| <u>Total</u>                             | <u>103</u> |

# National Summary

- Performance Indicator Results (at end of CY 2005)

|          |      |
|----------|------|
| ▶ Green  | 1850 |
| ▶ White  | 4    |
| ▶ Yellow | 0    |
| ▶ Red    | 0    |

- Total Inspection Findings (CY 2005)

|          |     |
|----------|-----|
| ▶ Green  | 849 |
| ▶ White  | 10  |
| ▶ Yellow | 1   |
| ▶ Red    | 0   |

# Seabrook Assessment Results

(Jan 1 - Dec 31, 2005)

- Licensee Response Column
- No safety significant findings or PIs

# Seabrook Inspection Activities

(Jan 1 - Dec 31, 2005)

- 6800 Hours of inspection related activities
- Two resident inspectors assigned to the site
- Specialist Inspections
  - 9 regional inspections
  - 2 team inspections

# Seabrook Inspection Activities

(Jan 1 - Dec 31, 2005)

- Inspection findings
  - 8 findings of very low safety significance (Green)
- Refueling outage (April 2 – April 30, 2005)
  - no findings related to the outage
- Safety System Design team inspection
  - 1 finding of very low safety significance (Green)
- Triennial Fire Protection team inspection
  - 1 finding of very low safety significance (Green)

# Seabrook Annual Assessment Summary

January 1 - December 31, 2005

- FPL operated Seabrook Station in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Seabrook for the remainder of the assessment period



# Licensee Response and Remarks

Gene St. Pierre  
Site Vice President  
FPL Energy Seabrook, LLC

# 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
- Paul Krohn, Branch Chief
  - ▶ pgk1@nrc.gov

# 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)

# END OF THE PRESENTATION



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# Potential Public Interest Issues

## Safety Concerns Brought to the NRC

- NRC has a formal process
- Concerns are reviewed on an individual basis by NRC technical, legal, investigative staff and management
- Issues of immediate concern receive prompt attention by NRC and by nuclear power plant management
- NRC's process requires reviews of all valid safety issues to ensure they are adequately addressed
- NRC implements measures to protect the identity of allegers including not commenting on the existence of a specific allegation

# Potential Public Interest Issues

## Recent Press Articles on Security Issues

- Current NRC policy is to not discuss security matters in a public forum
- NRC will not comment on existence of allegations in this area
- Notwithstanding these policies, we want to assure the public that if safety issues did exist, the NRC would take prompt action to address them