

NRC Annual Performance Assessment of Seabrook

2006 Reactor Oversight Program



Purpose of Today's Meeting

- NRC will address Seabrook's performance as described in the annual assessment letter
- Seabrook 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
- NRC will be available to engage interested stakeholders on performance of the plant and our role in ensuring safe plant operations

Agenda

- Introduction and NRC Organization
- Review of NRC Reactor Oversight Process
- Regulatory Summary of National Plant Performance
- NRC Assessment of Seabrook's Performance
- Seabrook 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

David C. Lew
Director Division of Reactor Projects

James W. Clifford
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 Engineer
Barry Norris
Project Engineer
Eugene Huang

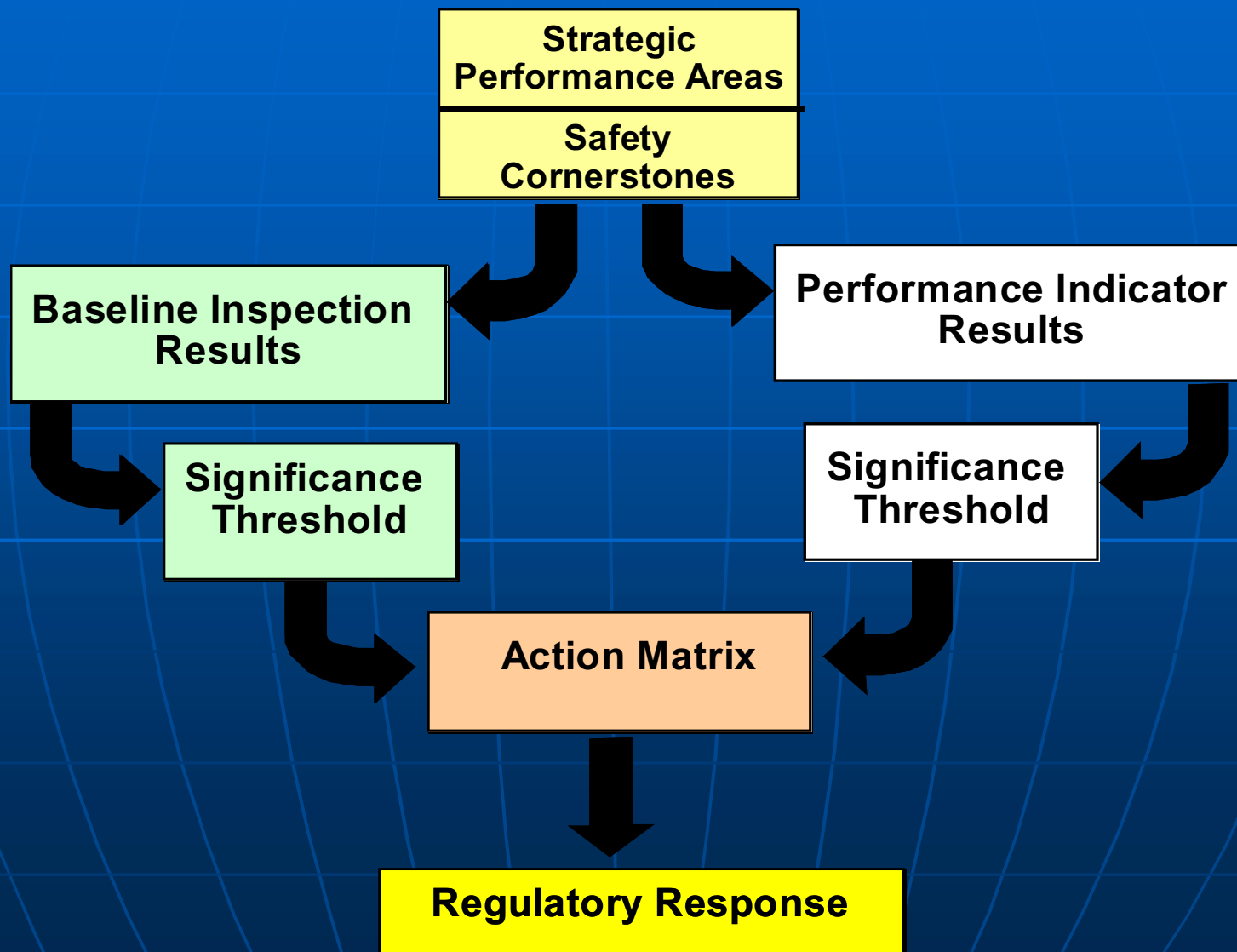
NRC Representatives

- Marsha Gamberoni, Deputy Division Director, DRS
- (610) 337-5128
- Paul Krohn, Branch Chief
- (610) 337-5120
- Glenn Dentel, Senior Resident Inspector
Steve Shaffer, Resident Inspector
- (603) 474-3589/3580
- Barry Norris, Senior Project Engineer
- (610) 337-5111
- Eugene Huang, Project Engineer
- (610) 337-5322

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 NRC strategic objectives

Reactor Oversight Process



Typical Baseline Inspection Areas

- Equipment Alignment
- Triennial Fire Protection
- Operator Response
- Emergency Preparedness
- Radiation Release Controls
- Worker Radiation Protection
- Corrective Action Program
- Corrective Action Case Reviews

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

Regulatory Summary of National Plant Performance

Status at End of 2006

Licensee Response	70
Regulatory Response	24
Degraded Cornerstone	6
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
<hr/>	
Total	103

National Summary

- Performance Indicator Results (at end of 2006)

▶ Green	1843
▶ White	11
▶ Yellow	0
▶ Red	0

- Total Inspection Findings (2006)

▶ Green	676
▶ White	13
▶ Yellow	0
▶ Red	0

NRC 2006 Inspection Activities

Seabrook

- 5568 Hours of inspection and assessment related activities
- Two resident inspectors assigned to the site
- Specialist Inspections
 - 4 regional inspections
 - 3 team inspections
 - 1 special inspection

NRC 2006 Major Inspection Activities Seabrook

- Daily Resident Inspections
- Refueling outage (October 1 – October 30)
- NRC evaluated Emergency Preparedness inspection
- Problem Identification and Resolution team inspection
- Special Inspection Team for Emergency Diesel Generator issue that occurred in August.

NRC 2006 Assessment Results

Seabrook

- Licensee Response Column for 1st, 2nd, and 4th Quarters
- Regulatory Response Column for 3rd Quarter
 - White Performance Indicator for exceeding reliability threshold for the emergency diesel generator (EDG) Mitigating System Performance Index
 - Supplemental inspection planned for May 2007
- Inspection Findings
 - 10 Findings of very low safety significance (Green) over entire year

NRC Annual Assessment Summary

Seabrook

- FPL operated Seabrook Station in a manner that preserved public health and safety
- All Reactor Oversight Process cornerstone objectives were met
- NRC plans baseline inspections at Seabrook for the 2007 assessment period

Seabrook 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
 - ▶ 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



Nuclear Regulatory Commission - Region I

King of Prussia, Pennsylvania

March 29, 2007