

# **NRC CY2003 Annual Assessment Meeting**

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## **H.B. ROBINSON**



**Hartsville, South Carolina**

**March 30, 2004**

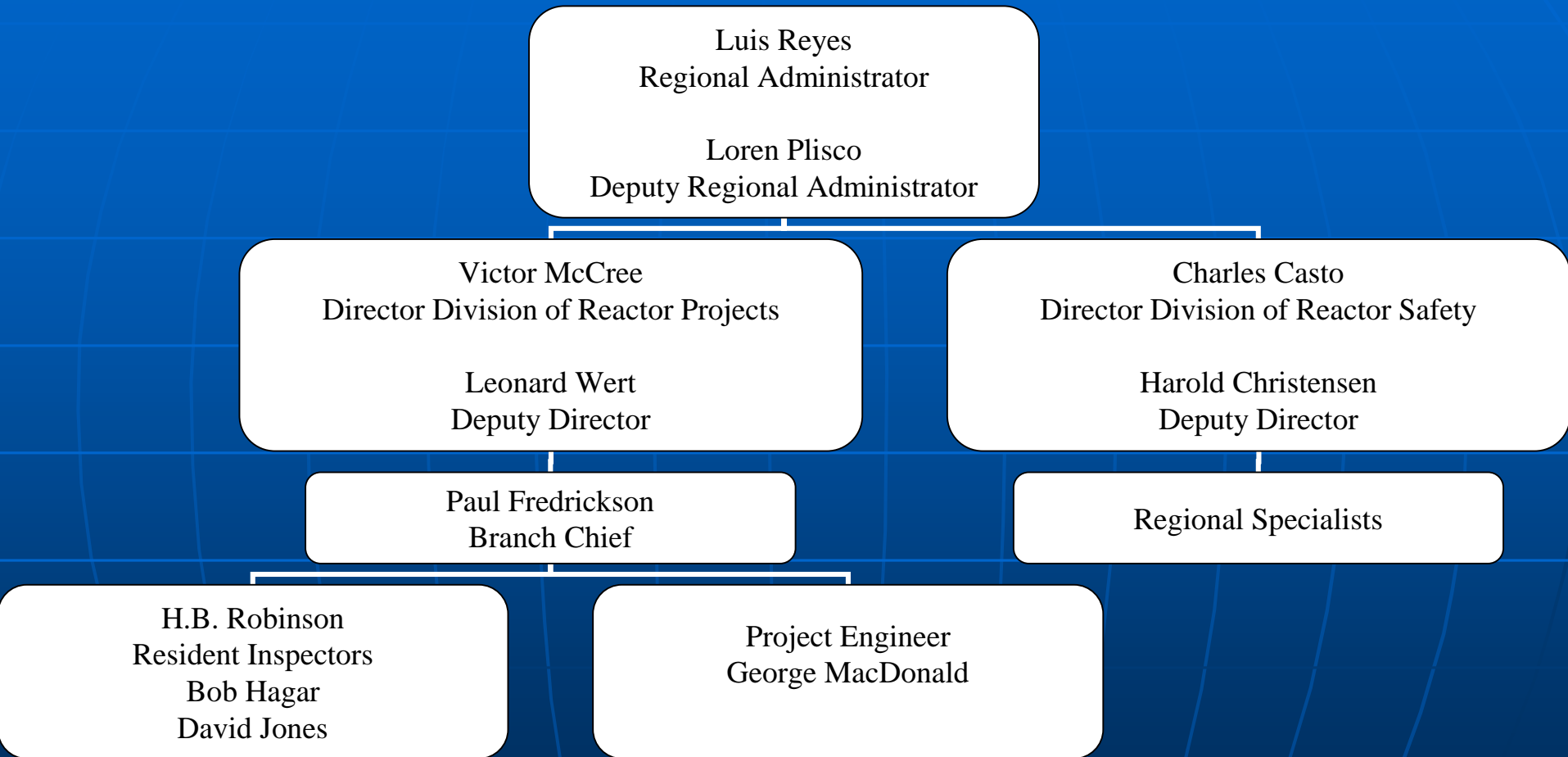
# Purpose of Today's Meeting

- A public forum for discussion of H.B. Robinson performance
- NRC will address H.B. Robinson performance issues identified in the annual assessment letter
- H.B. Robinson 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 H.B. Robinson Plant Performance Results
- H.B. Robinson management Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

# Region II Organization



# NRC Performance Goals

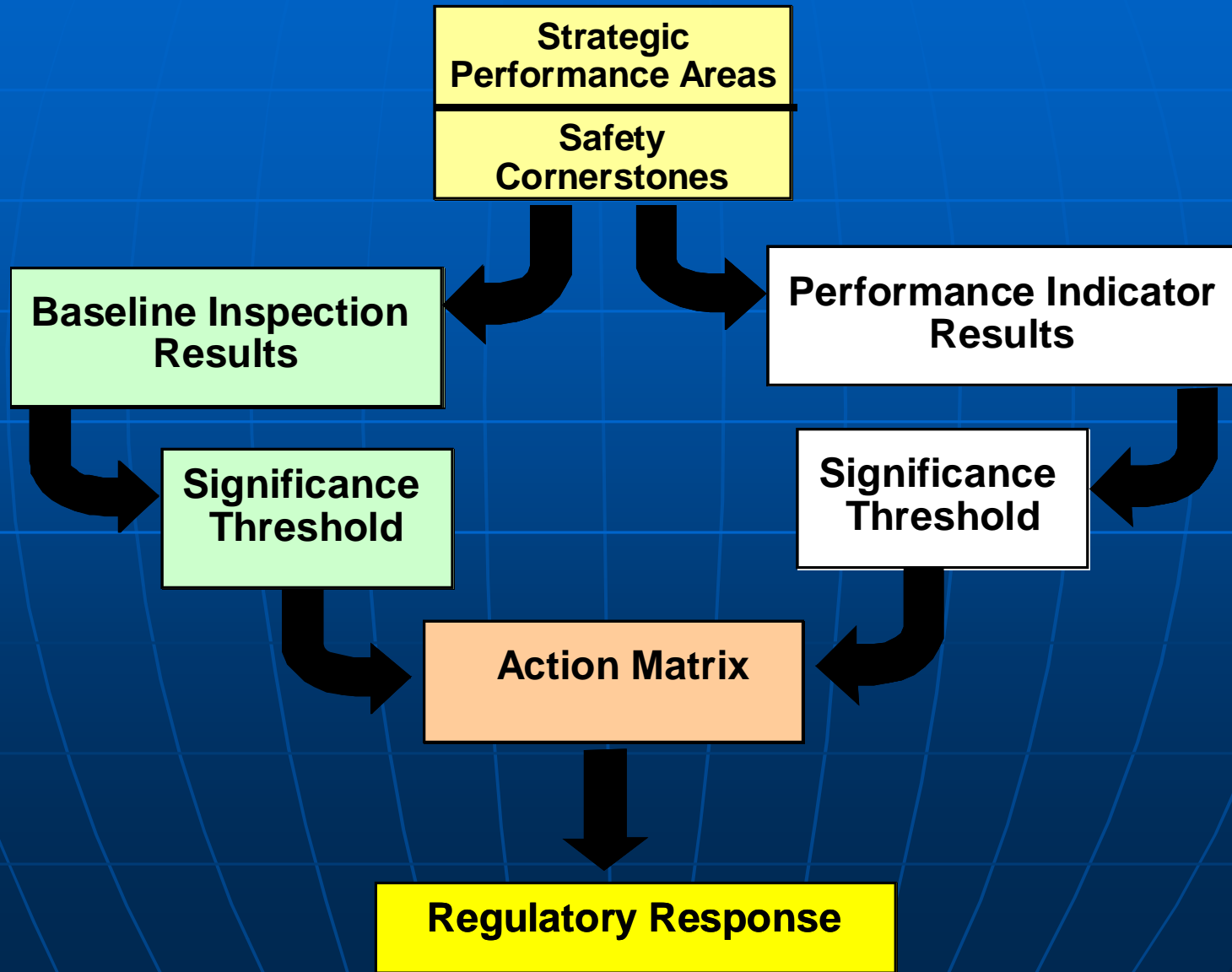
## PRIMARY GOAL

**MAINTAIN SAFETY AND PROTECT THE ENVIRONMENT**

## OTHER GOALS

- Enhance public confidence
- Improve effectiveness, efficiency, and realism of processes and decision making
- Reduce unnecessary regulatory burden

# 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 ~240 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 Inspection
- 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 2003

Licensee Response	75
Regulatory Response	22
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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Total	102*

\*Davis-Besse under a special restart inspection process

# H.B. Robinson CY2003

## Inspection Activities

- 3200 hours of inspection related activities
- Resident inspector daily inspections
- Plant license renewal inspections
- Safety system design inspection
- Emergency preparedness inspection
- Reactor operator requal program inspection
- Radiation protection inspections
- Security inspections
- Spent fuel storage operations inspection

# H.B. Robinson CY2003 Assessment Results

- Plant performance was 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 are Green

# H.B. Robinson

## Annual Assessment Summary

- Progress Energy operated H.B. Robinson in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at H.B. Robinson for the remainder of CY 2004

# H.B. Robinson CY2004

## Inspection Activities

- Resident inspector daily inspections
- Security inspection
- Spent fuel storage construction and operations inspections
- Radiation protection inspections
- Reactor vessel upper and lower head inspection
- Maintenance inspections
- Reactor containment sump blockage inspection
- Fire protection inspection
- Reactor operator initial exam
- Problem Identification and Resolution inspection
- Emergency preparedness 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](http://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)