

# **NRC CY2005 Annual Assessment Meeting**

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## **HARRIS**



**Apex, North Carolina  
May 23, 2006**

# Purpose of Today's Meeting

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

Joseph Shea  
Deputy Director

Paul Frederickson  
Branch Chief

Harris  
Resident Inspectors  
Randy Musser  
Phil O'Bryan

Senior Project Engineer  
Son Ninh

Victor McCree  
Director Division of Reactor Safety

Harold Christensen  
Deputy Director

Regional Specialists

# **NRC Performance Goals**

## **PRIMARY GOALS**

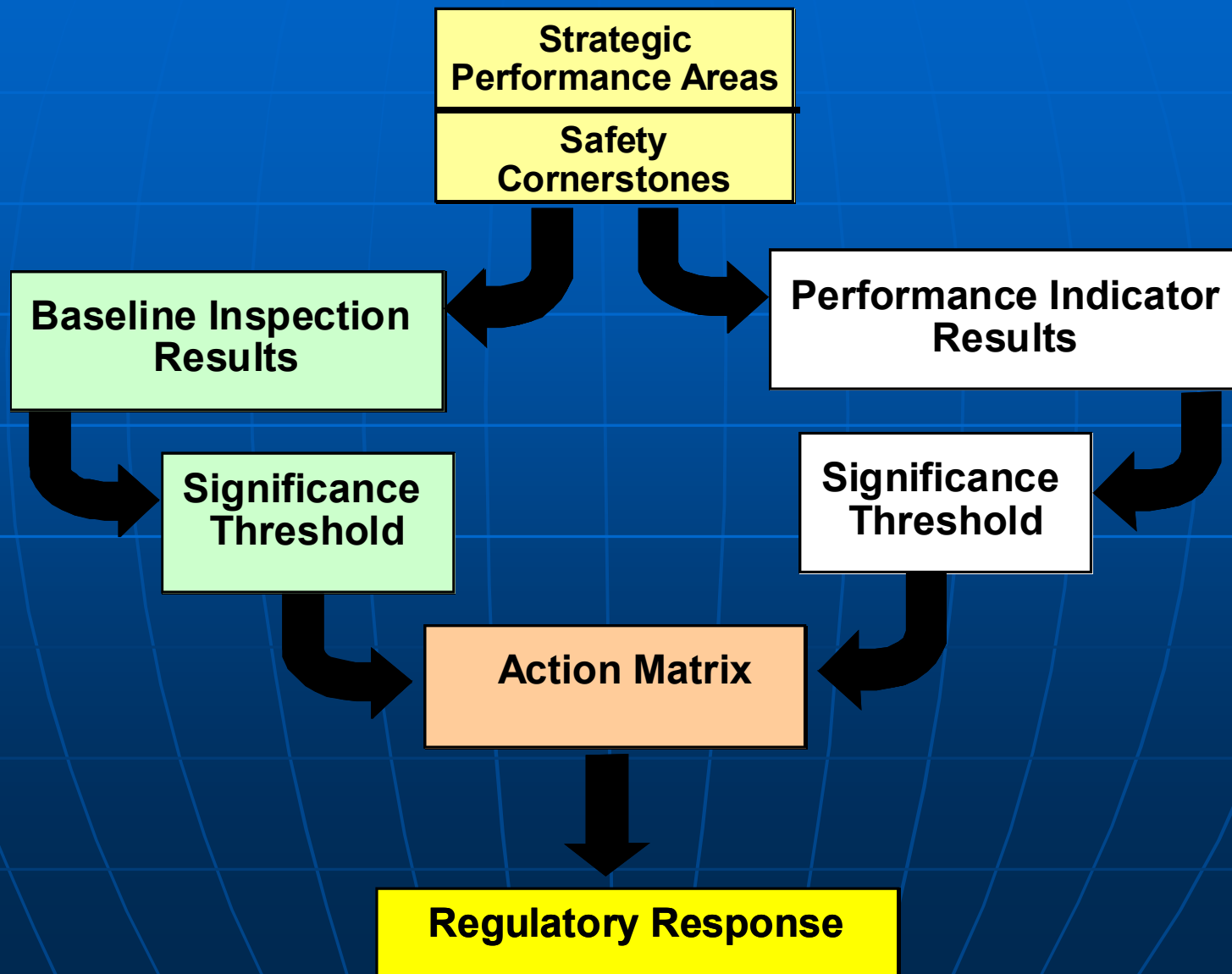
**Ensure protection of the public health and safety  
and the environment**

**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 ~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

# Performance Thresholds

## Safety Significance

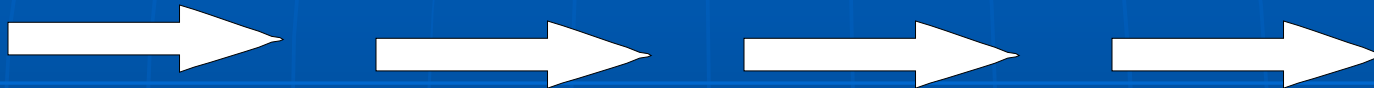
- Green:** Very low safety issue
- White:** Low-to-moderate safety issue
- Yellow:** Substantial safety issue
- Red:** High safety issue

## 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 2005

Licensee Response	84
Regulatory Response	12
Degraded Cornerstone	4
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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Total	103

# Harris CY2005 Inspection Activities

- 2399 hours of inspection related activities
- Resident inspector daily inspections
- Licensed operation requalification inspection
- Security inspection
- Full participation emergency exercise (conducted April 5)
- Radiation protection inspection (Public)
- Corrective Action Program inspection
- Triennial fire protection inspection
- Emergency preparedness inspections

# Harris CY2005 Assessment Results

- Harris 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 (PI) were Green

# Harris Assessment Summary

- Progress Energy operated Harris in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Harris for the remainder of CY 2006

# Harris CY2006 Scheduled Inspection Activities

- Resident inspector daily inspections
- Reactor operator initial exam
- Engineering modifications inspection
- Security inspection
- Radiation protection inspection (Occupational)
- Maintenance inspections
- Engineering design bases inspection
- Reactor pressure vessel head and steam generator inspection
- Emergency preparedness inspections

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## **Harris**



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May 23, 2006**

# 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)