

NRC CY2005 Annual Assessment Meeting

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

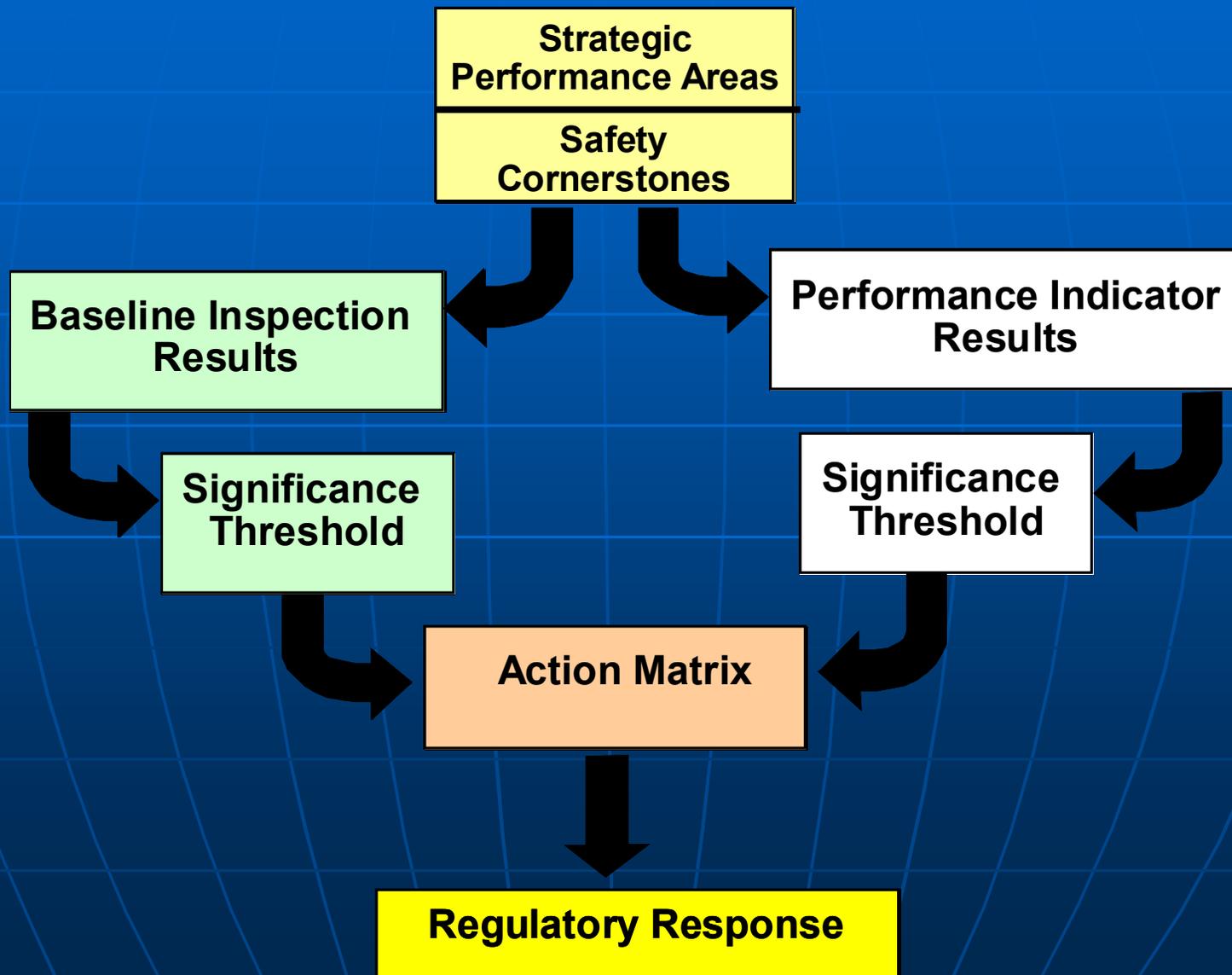
**Ensure protection of the public health and safety
and the environment**

**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

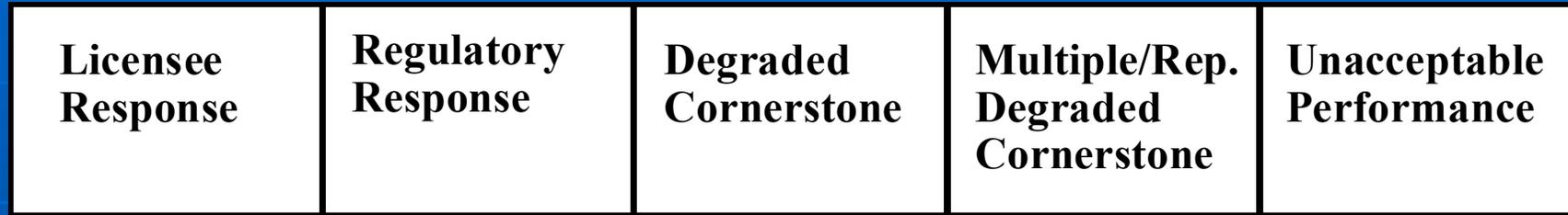
Safety Significance

- 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



**Apex, North Carolina
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
 - ▶ 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)