

NRC CY 2004 Annual Assessment Meeting

NORTH ANNA



**Mineral, Virginia
March 29, 2005**

Purpose of Today's Meeting

- A public forum for discussion of North Anna performance
- NRC will address North Anna performance issues identified in the annual assessment letter (excluding Security)
- North Anna 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 North Anna Plant Performance Results
- North Anna Management Response and Remarks
- NRC Closing Remarks
- Break
- NRC and Licensee Available to Address Public Questions

Region II Organization

William Travers
Regional Administrator

Loren Plisco
Deputy Regional Administrator

Victor McCree
Director Division of Reactor Projects

Leonard Wert
Deputy Director

Kerry Landis
Branch Chief

North Anna
Resident Inspectors
Mark King (Acting SRI)
Jim Reece SRI
Gerald Wilson

Project Engineers
Binoy Desai
Larry Garner

Charles Casto
Director Division of Reactor Safety

Harold Christensen
Deputy Director

Regional Specialists

NRC Performance Goals

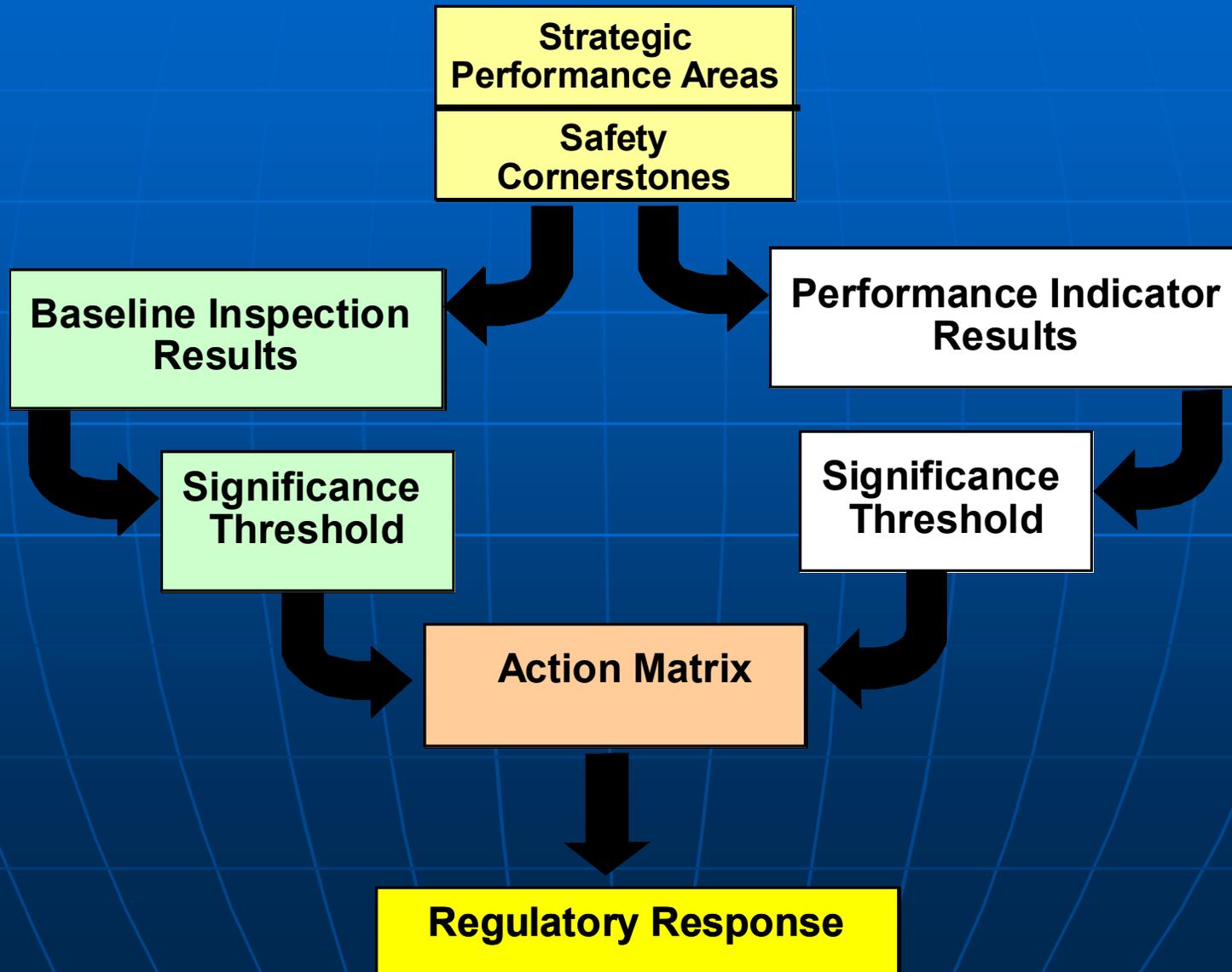
PRIMARY GOALS

- **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 ~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 ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Performance Thresholds

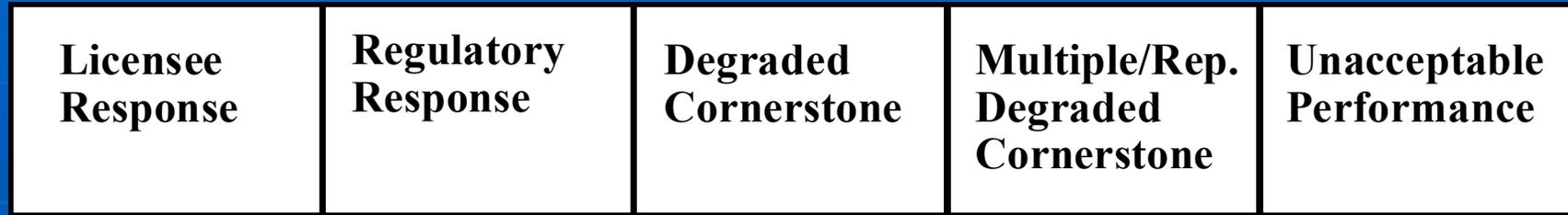
Safety Significance

- 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 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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Total	102*

*Davis-Besse under a special inspection process

National Summary

- Performance Indicator Results (at end of CY 2004)

▶ Green	1834
▶ White	6
▶ Yellow	0
▶ Red	0

- Total Inspection Findings (CY 2004)

▶ Green	778
▶ White	11
▶ Yellow	0
▶ Red	0

North Anna CY 2004 Inspection Activities

- 3440 hours of inspection related activities
- Licensed Operator Initial and Requalification inspection
- Modification inspection
- Radiation Protection inspections
- Maintenance inspections
- Heat Sink inspection
- Emergency Preparedness inspections
- Independent Spent Fuel Storage Installation inspections
- Reactor Pressure Vessel Lower Head (TI 2515/152)
- Offsite Power System Readiness (TI 2515/156)
- Containment Sump Blockage (TI 2515/153)
- Steam Generator Inservice inspection

North Anna CY 2004 Assessment Results

- Unit 1 performance was within the Licensee Response Column of the NRC's Action Matrix
- Unit 2 performance was within the Licensee Response Column of the NRC's Action Matrix
- All Unit 1 and 2 inspection findings were classified as very low safety significance (Green)
- All performance indicators were Green

North Anna Annual Assessment Summary

- Dominion operated North Anna in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at North Anna for CY 2005

North Anna CY 2005 Inspection Activities

- Resident inspector daily inspections
- Radiation Protection inspections
- Maintenance inspection
- Emergency Preparedness inspections
- Problem Identification and Resolution inspection
- Safety System Design and Performance inspection
- Fire Protection Triennial inspections
- Refueling Outage related inspections
- Pressurizer Penetration Nozzle (TI 2515/160)
- Steam Generator Inservice inspection
- Independent Spent Fuel Storage Installation inspections

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)