NRC CY 2004
Annual Assessment Meeting

SURRY

Surry, Virginia
March 30, 2005

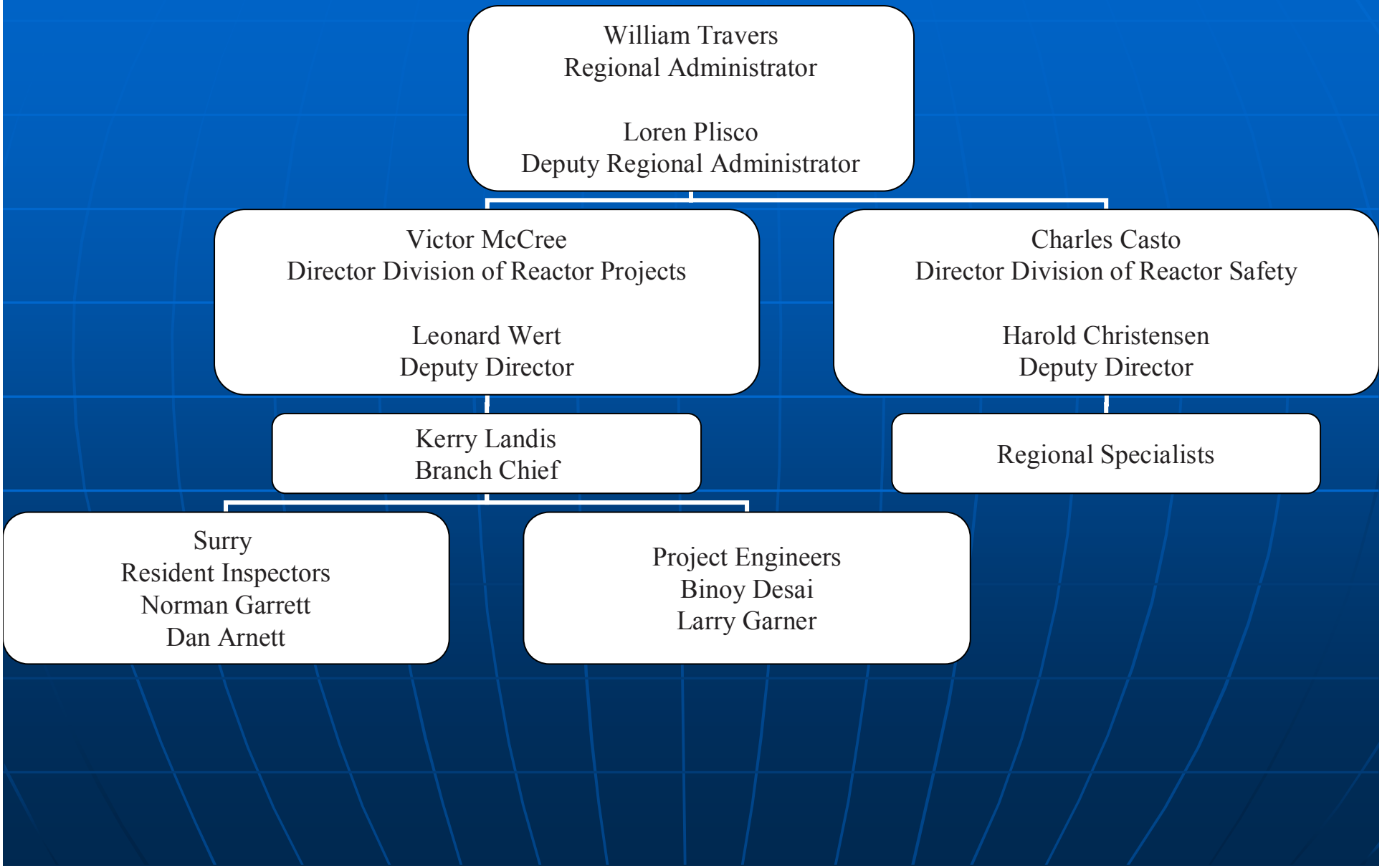
Purpose of Today's Meeting

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

Region II Organization



NRC Performance Goals

PRIMARY GOALS

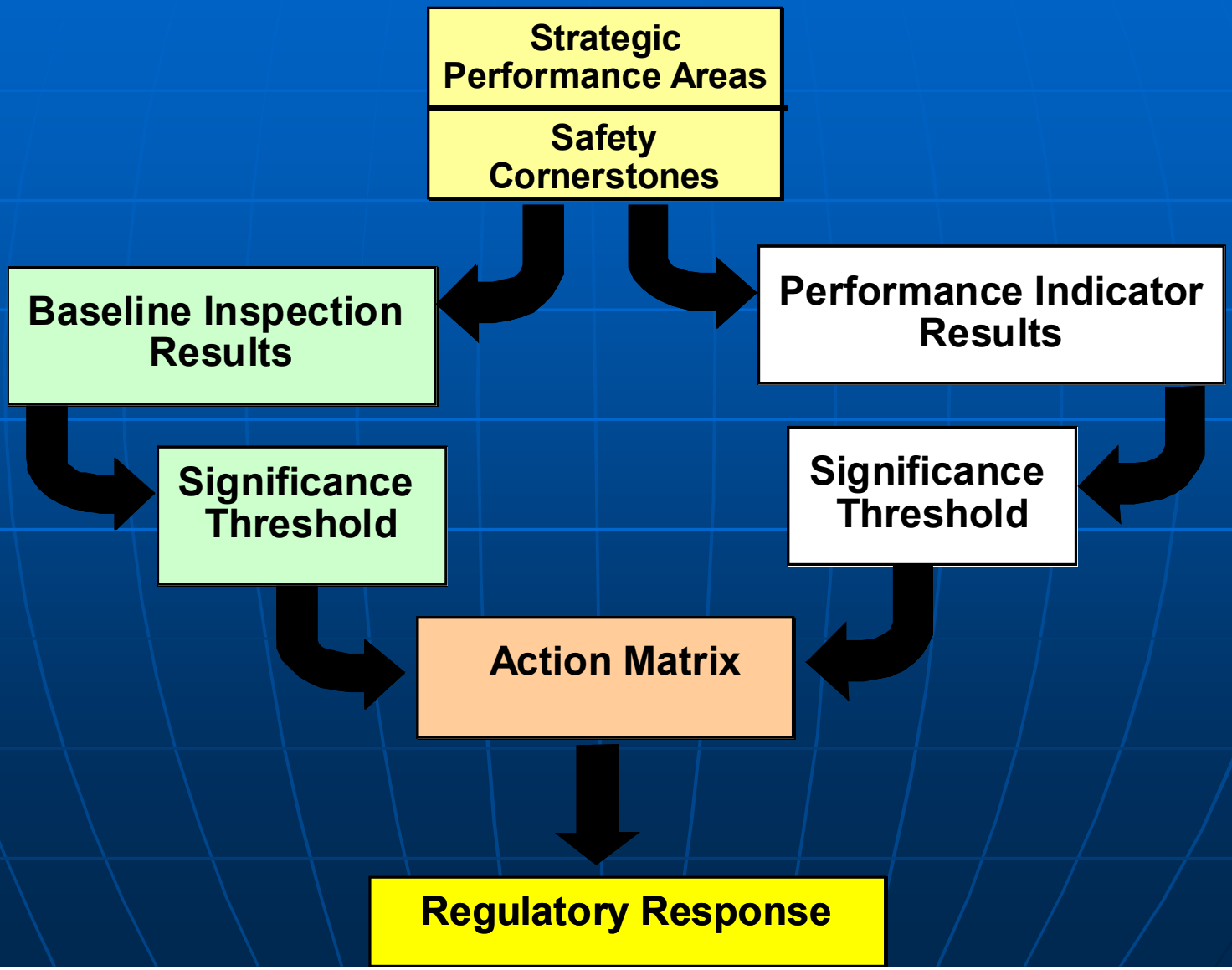
- Ensure protection of the public health and safety and the environment

- 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

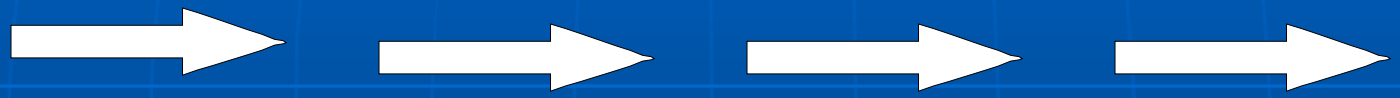
White: May increase NRC oversight

Yellow: Increased NRC oversight

Red: Increased NRC oversight and other NRC actions

Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance



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
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

Surry CY 2004
Inspection Activities

- 4580 hours of inspection related activities
- Reactor Operator Initial and Requalification inspection
- Supplemental inspection on White Reactor Trip Performance Indicator
- Supplemental inspection for White Fire Protection Finding
- Safety System Design and Performance Capability inspection
- Radiation Protection inspections
- Spent Fuel Material Control and Accountability (2515/154)
- Offsite Power System Readiness (2515/156)
- Reactor Containment Sump Blockage (2515/153)
- Reactor Pressure Vessel Lower Head Penetration (2515/152)
- Emergency Preparedness inspections
- Refueling Outage related inspections

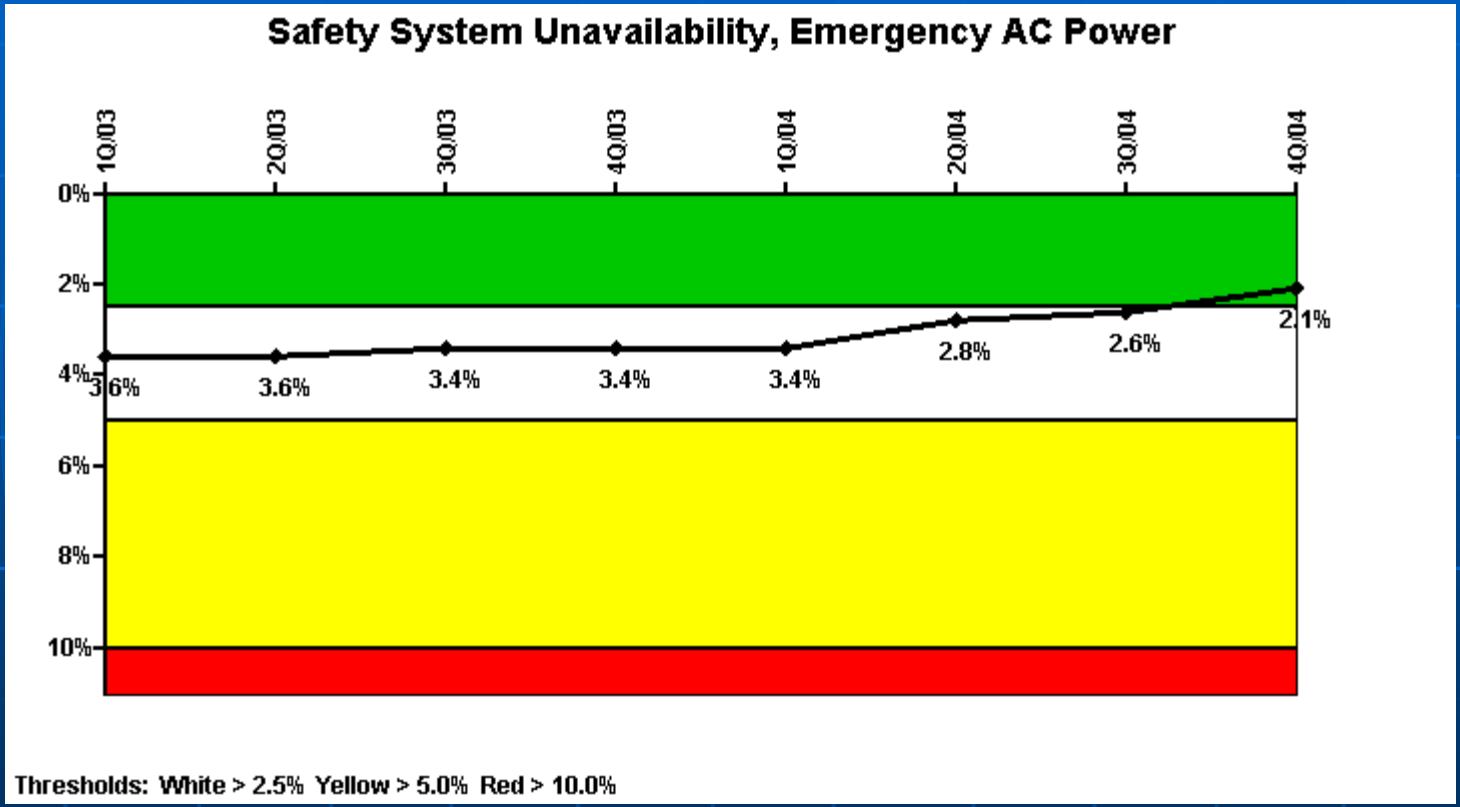
Surry CY 2004 Assessment Results

- Surry Unit 1 and Surry Unit 2 performance for the most recent quarter (4th Qtr 2004) was within the Regulatory Response Column of the NRC's Action Matrix for a White Fire Protection Finding.

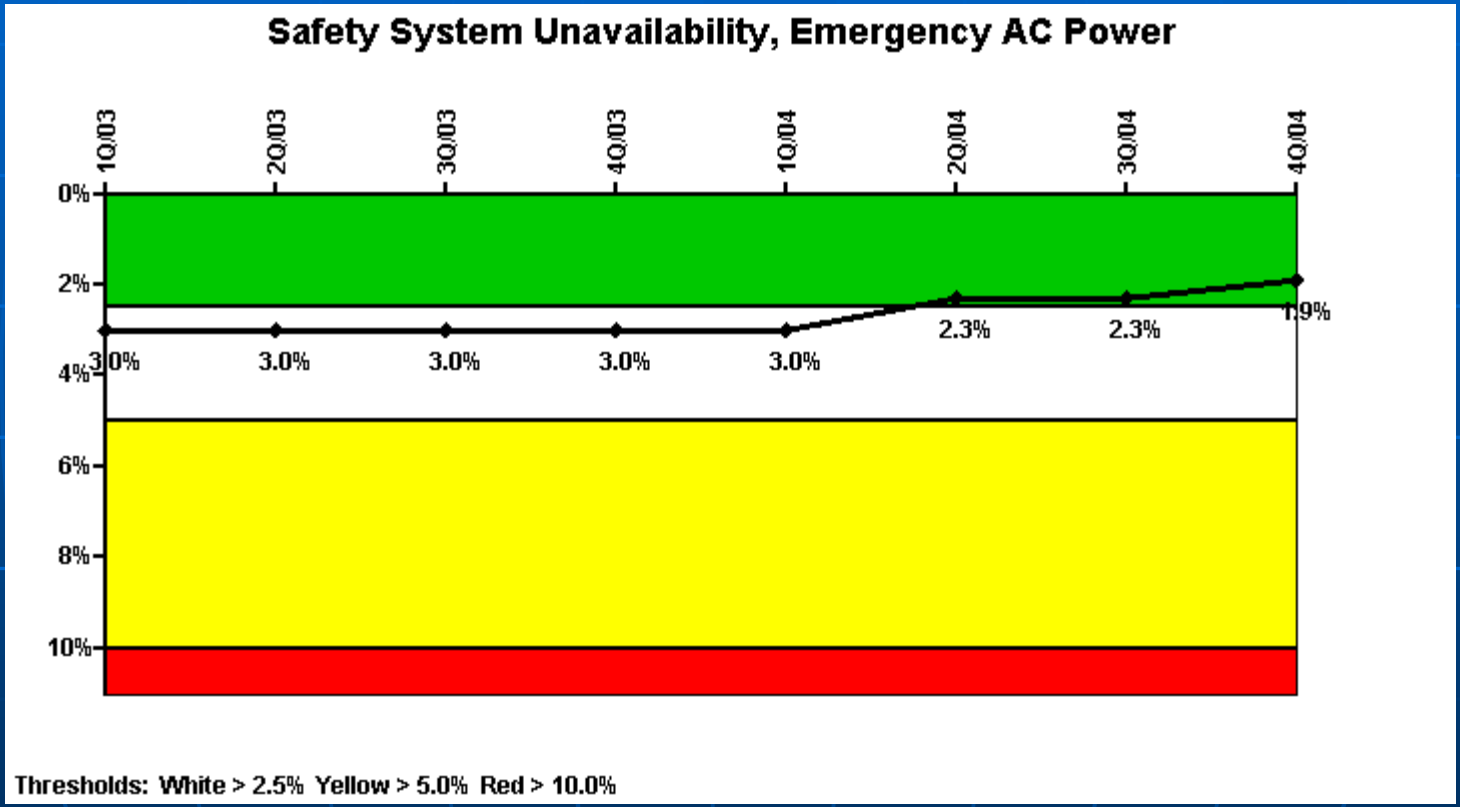
- Surry Unit 1 was in the Degraded Cornerstone Column of the NRC's Action Matrix for the first three quarters of 2004. The Emergency AC – Performance Indicator (PI), remained White through the third quarter 2004. This, combined with the Fire Protection White Finding placed Unit 1 in the Degraded Cornerstone for the first three quarters of 2004. The White Emergency AC – Performance Indicator for Unit 1 returned to Green in the fourth quarter 2004.

- Surry Unit 2 was in the Degraded Cornerstone Column of the NRC's Action Matrix for the first quarter of 2004. The Emergency AC – Performance Indicator , remained White through the first quarter 2004. This, combined with the Fire Protection White Finding, placed Unit 2 in the Degraded Cornerstone during the first quarter of 2004. The White Emergency AC – Performance Indicator for Unit 2 returned to Green in the second quarter 2004.

SURRY UNIT 1
PERFORMANCE INDICATOR



SURRY UNIT 2
PERFORMANCE INDICATOR



Surry Units 1 and 2 White Finding

- Surry Units 1 and 2 fire response procedures were not adequate to ensure safe shutdown following a fire in the Emergency Switchgear and Relay Room Numbers 1 or 2.

- The performance issue associated with this inspection finding was characterized as having low-to-moderate risk significance (White) in NRC "Final Significance Determination" letter dated September 15, 2004. This White inspection finding was identified in the first quarter of 2004.

- Supplemental inspection indicated licensee's corrective actions (both planned and already completed) were appropriate to resolve the deficiencies related to the degraded Mitigating Systems cornerstone.

Surry
Annual Assessment Summary

- Dominion operated Surry in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Surry for CY 2005 (Supplemental inspections completed and Regulatory Performance Meeting Held)

Surry CY 2005
Inspection Activities

- Resident inspector inspections
- Radiation Protection inspections
- Steam Generator Inservice inspections
- Emergency Preparedness inspections
- Problem Identification and Resolution inspection
- Modification inspection
- Reactor Operator Requalification inspection
- Independent Spent Fuel Storage Installation inspections
- Refueling Outage related inspections

NRC CY 2004
Annual Assessment Meeting

SURRY

Surry, Virginia

March 30, 2005

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)