

V. C. Summer Nuclear Station Annual Assessment Meeting

Reactor Oversight Process - CY 2003



Nuclear Regulatory Commission - Region II
Jenkinsville, South Carolina

March 24, 2004

Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address the licensee performance issues identified in the annual assessment letter
- Licensee 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 Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

Region II Organization

Luis Reyes
Regional Administrator

Loren Plisco
Deputy Regional Administrator

Victor McCree
Director Division of Reactor Projects

Len Wert
Deputy Director

Kerry Landis
Branch Chief

V. C. Summer
Resident Inspectors
James Reece {Acting SRI}
Mark King

Project Engineers
Binoy Desai
Larry Garner

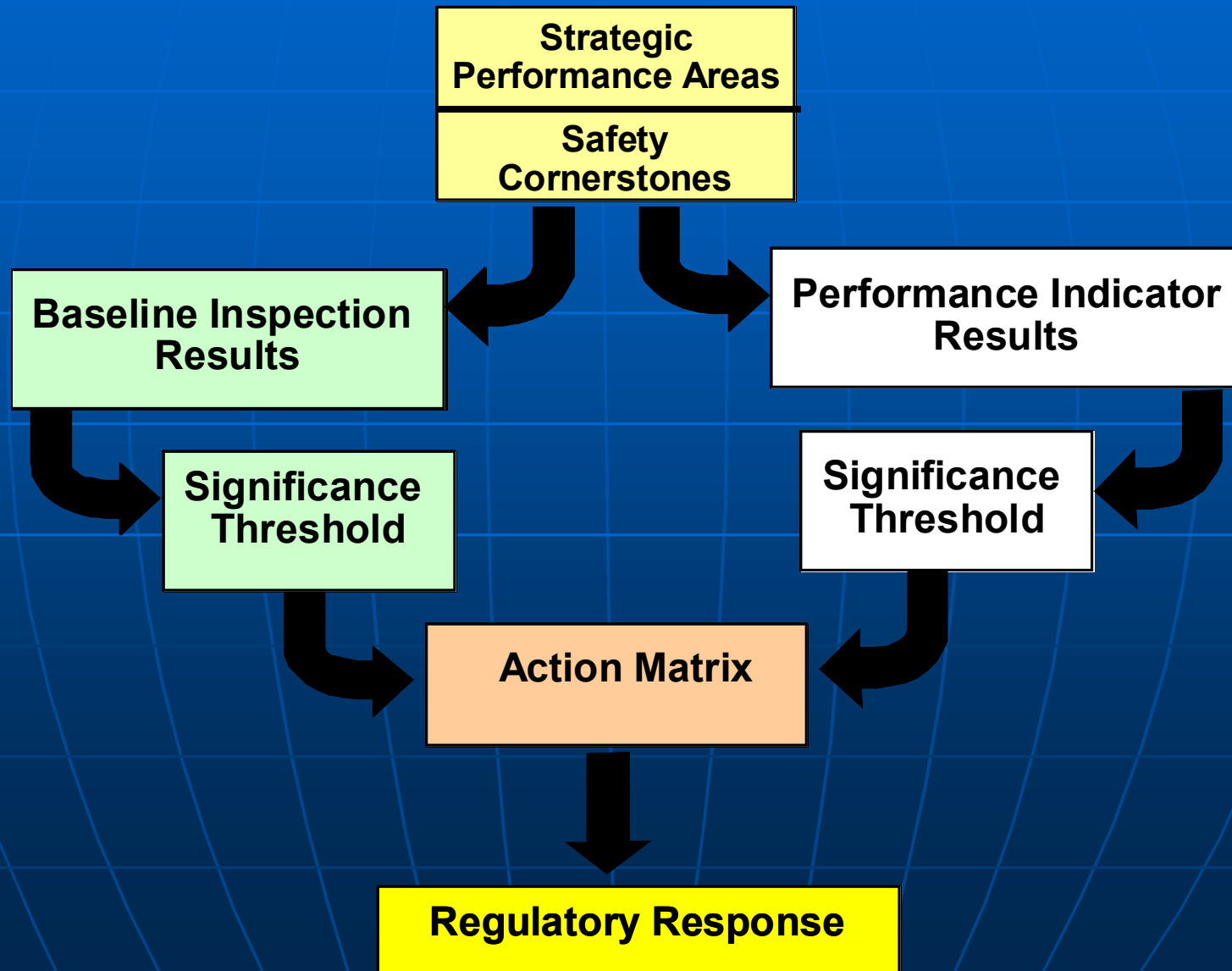
Charles Casto
Director Division of Reactor Safety

Harold Christensen
Deputy Director

NRC Performance Goals

- Maintain safety and protect the environment
- 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 ~200 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Significance Threshold

Performance Indicators

- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

Inspection Findings

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

National Summary

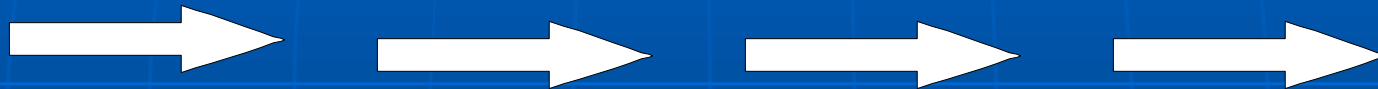
- Performance Indicator Results (at end of CY 2003)

▶ Green	1825
▶ White	15
▶ Yellow	0
▶ Red	0

- Total Inspection Findings (at the end of CY 2003)

▶ Green	748
▶ White	19
▶ Yellow	2
▶ Red	4

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	<u>0</u>
<hr/> Total	102*

*Davis-Besse is in IMC 0350 process

V. C. Summer Nuclear Station Inspection Activities

(Jan 1 - Dec 31, 2003)

- 3100 hours of inspection related activities
- Engineering inspections (Heat Sink, Modifications)
- Emergency preparedness inspection
- Initial and Requalification exam inspection
- Fire protection followup inspection
- Radiation protection inspections
- License Renewal inspections
- Reactor pressure vessel lower head inspection
- Refueling outage inspections

V. C. Summer Nuclear Station Assessment Results

(Jan 1 - Dec 31, 2003)

- 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 PIs were Green

V. C. Summer Nuclear Station Annual Assessment Summary

January 1 - December 31, 2003

- South Carolina Gas & Electric (SCANA) operated V. C. Summer Nuclear Station in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at V.C. Summer for calendar year 2004 assessment period

V. C. Summer Nuclear Station CY 2004 Inspection Activities

- Triennial Fire Protection inspection
- Spent fuel material control and accountability inspection
- Emergency preparedness inspection
- Problem Identification and Resolution (PI&R) inspection
- Safety System Design and Performance Capability (SSDPC) inspection

Licensee Response and Remarks

Mr. Stephen Byrne

Senior Vice President, V. C. Summer Nuclear Station

SCANA

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)