

# Clinton Station Annual Assessment Meeting

Reactor Oversight Program - CY 2003



Nuclear Regulatory Commission - Region III

Clinton, Illinois

April 8, 2004

# 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

# NRC Representatives

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- Steven A. Reynolds, Director, Division Reactor Projects
  - (630) 829-9600
- Patrick Hiland, Deputy Division Director, DRP
  - (630) 829-9601
- Ann Marie Stone, Branch Chief
  - (630) 829-9729
- Billy Dickson, Senior Resident Inspector
  - - (217) 935-9521
- Carey Brown, Resident Inspector
  - (217) 935-9521
- Douglas Tharp, Resident Inspector
  - (217) 935-9521

# Region III Organization

James Caldwell  
Regional Administrator

Geoffrey Grant  
Deputy Regional Administrator

Steven A. Reynolds  
Acting Director Division of Reactor Projects

Patrick Hiland  
Acting Deputy Director

Ann Marie Stone  
Branch Chief

Clinton  
Resident Inspectors  
Billy Dickson  
Carey Brown  
Douglas Tharp

Project Engineer  
Thomas Tongue

Cynthia D. Pederson  
Director Division of Reactor Safety

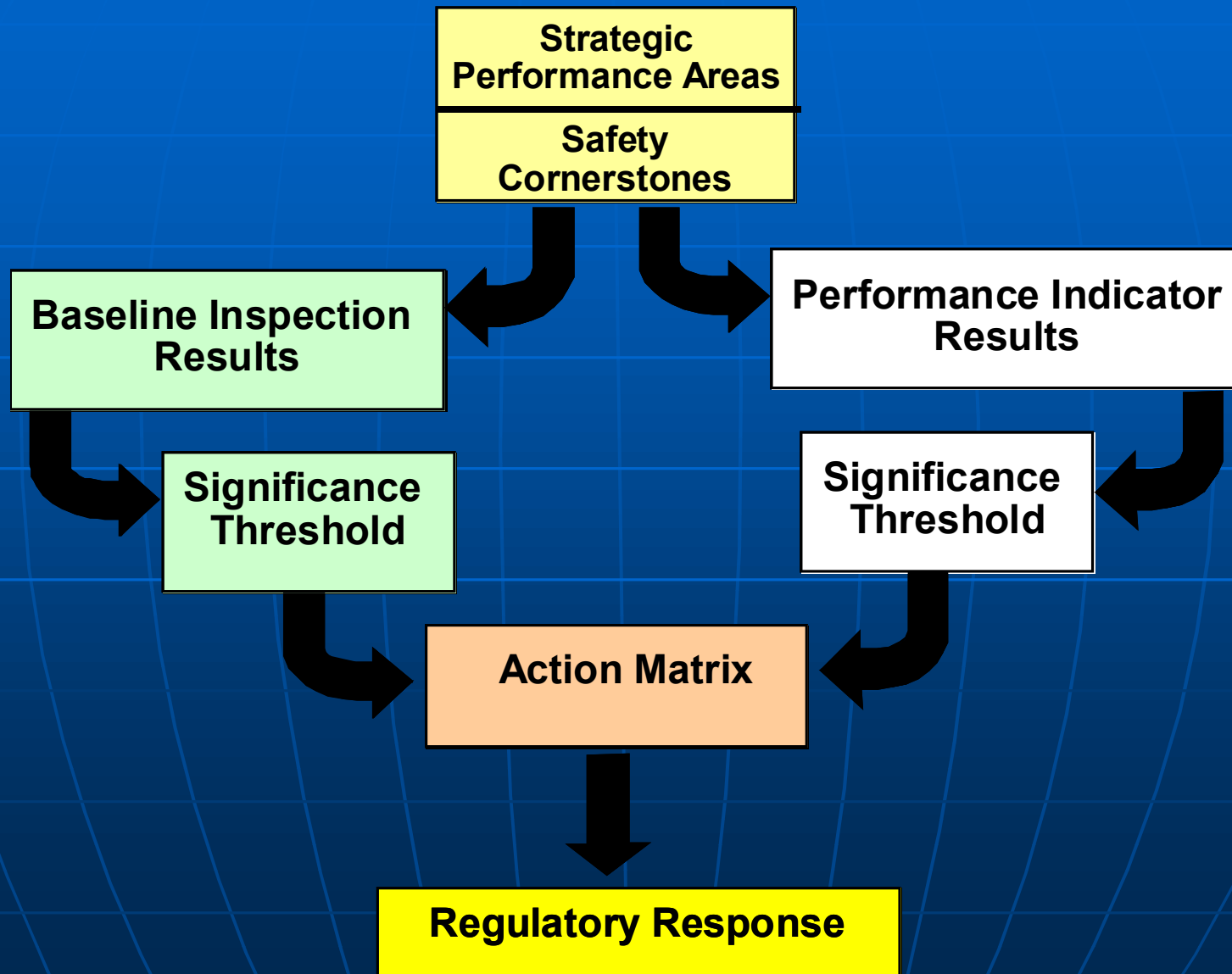
Roy Caniano  
Deputy Director

Regional Specialists

# 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

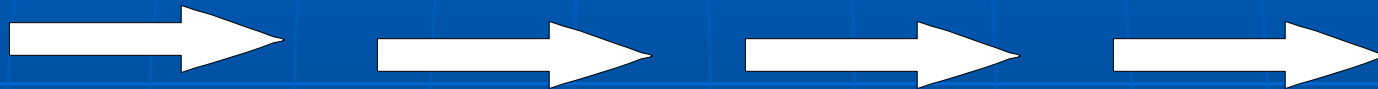
- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

## Inspection Findings

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



# Action Matrix Concept



**Increasing Safety Significance**

**Increasing NRC Inspection Efforts**

**Increasing NRC/Licensee Management Involvement**

**Increasing Regulatory Actions**

# 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 inform the NRC of new or existing programs to maintain or improve their performance

# 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

# National Summary

- Performance Indicator Results (at end of CY 2003)

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

- Total Inspection Findings (CY 2003)

▶ Green	748
▶ White	9
▶ Yellow	2
▶ Red	1

# Clinton Assessment Results

(Jan 1 - Dec 31, 2003)

- All Findings were categorized as very low safety significance (Green)
- All Performance Indicators were within the Green band
- Therefore, Clinton Station's performance was within the Licensee Response Column of the NRC Action Matrix

# Clinton Inspection Activities

(Jan 1 - Dec 31, 2003)

- Completed Baseline Inspections – 955 hours
  - Routine Integrated Inspections
  - Emergency Preparedness Exercise
  - Operator Licensing Requalification Inspection
  
- Senior Resident Reassigned – June 2003

# Clinton Inspection Activities

(Jan 1 - Dec 31, 2004)

- Refueling Outage – February 2004
- Major team inspections
  - Problem Identification and Resolution – March 2004
  - Modification/10 CFR 50.59 – December 2004
- Resident Inspector Reassignment – May 2004

# Clinton

## Annual Assessment Summary

January 1 - December 31, 2003

- The Clinton Station was operated in a manner that preserved public health and safety.
- All cornerstone objectives were met.
- NRC plans baseline inspections at the Clinton Station for the remainder of the assessment period.



# **Licensee Response and Remarks**

# 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)