



# Davis-Besse Annual Assessment Meeting Reactor Oversight Program - CY 2006



Nuclear Regulatory Commission - Region III  
Oak Harbor, Ohio  
August 8, 2007

# Meeting Agenda

- Meeting Purpose and Introductions
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks

<Break>

- Public Comments and Questions of NRC

# 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

# Region III Organization

James Caldwell  
Regional Administrator

Mark Satorius  
Deputy Regional Administrator

Cynthia Pederson  
Director Division of Reactor Projects

Tony Hsia  
Acting Deputy Director

Steve West  
Director Division of Reactor Safety

Anne Boland  
Deputy Director

Bruce Burgess  
Branch Chief

Regional Specialists

Davis-Besse  
Resident Inspectors  
Jack Rutkowski  
Richard Smith

Project/Reactor Engineers  
Geoffrey Wright  
Robert Ruiz  
Paul Zarawski

# NRC Representatives

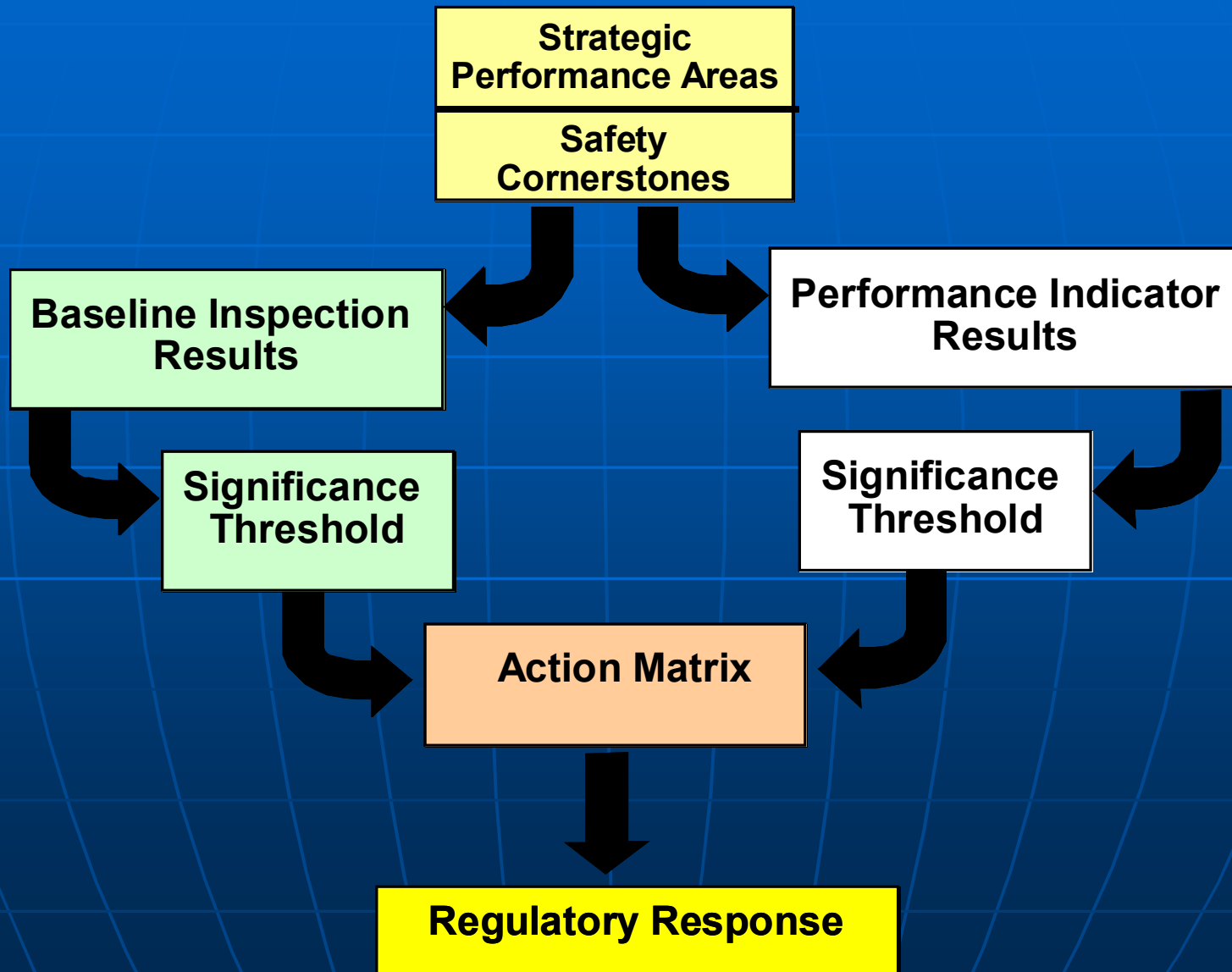
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- Bruce Burgess, Chief, Division Reactor Projects  
Phone: (630) 829-9629
- Jack Rutkowski, Senior Resident Inspector  
Phone: (419) 244-4494
- Richard Smith, Resident Inspector  
Phone: (419) 244-4494
- Russell Gibbs, Chief, NRR Division Operating Reactor Licensing
- Phone: (301) 415-2988
- Tom Wengert, Project Manager, NRR  
Phone: (301) 415-4037
- Paul Zurawski, Reactor Engineer, RIII  
Phone: (630) 829-9621

# NRC Performance Goals

- Safety: Ensure protection of the public health and safety and the environment
- Security: Ensure the secure use and management of radioactive materials
- Openness: Ensure openness in our regulatory process
- Effectiveness: Ensure that NRC actions are effective, efficient, realistic, and timely
- Management: Ensure excellence in agency management to carry out the NRC's strategic objectives

# 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



# Significance Threshold

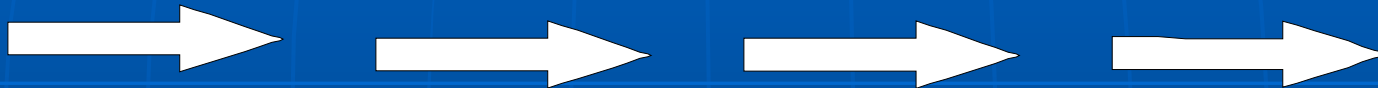
## Performance Indicators

<b>Green:</b>	Only Baseline Inspection
<b>White:</b>	May increase NRC oversight
<b>Yellow:</b>	Requires more NRC oversight
<b>Red:</b>	Requires more NRC oversight

## Inspection Findings

<b>Green:</b>	Very Low safety issue
<b>White:</b>	Low to moderate safety issue
<b>Yellow:</b>	Substantial safety issue
<b>Red:</b>	High safety issue

# 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 2006

Licensee Response	70
Regulatory Response	24
Degraded Cornerstone	6
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total	103

# National Summary

- Performance Indicator Results (End of CY 2006)

▶ Green	1843
▶ White	11
▶ Yellow	0
▶ Red	0

- Total Inspection Findings (CY 2006)

▶ Green	676
▶ White	13
▶ Yellow	0
▶ Red	0

# Davis-Besse

## Annual Assessment Summary

January 1 - December 31, 2006

- FENOC operated Davis-Besse in a manner that preserved public health and safety
- Licensee Response Column of NRC Action Matrix
- No substantive cross-cutting issues identified
- NRC plans ROP baseline inspections and inspections of Confirmatory Order required independent assessments

# Davis-Besse Inspection Activities

(Jan 1 - Dec 31, 2006)

- Approximately 2200 Baseline Inspection Hours
- Nearly 250 Additional Inspection Hours
- 14 Total Findings and Violations
- Refueling Outage 14: March 6 – May 5, 2006

# Confirmatory Order Required Independent Assessments

- Confirmatory Order (EA-03-214) - August 31, 2003
- Requires independent assessments for 5 years
  - Operations Performance
  - Organizational Safety Culture, including SCWE
  - Engineering Program Effectiveness
  - Corrective Action Program Implementation
- All third year independent assessments complete
- No significant issues identified in NRC inspections
- FENOC requested, and subsequently withdrew its request, for the NRC to relax remaining Operations Performance independent assessments

# Licensee Response and Remarks

FENOC



# 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)

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