

# Beaver Valley Power Station Annual Assessment Meeting

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Reactor Oversight Program - CY 2005



Nuclear Regulatory Commission - Region I  
King of Prussia, Pennsylvania  
March 28, 2006

# 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 I Organization

Samuel J. Collins  
Regional Administrator

Marc L. Dapas  
Deputy Regional Administrator

Brian E. Holian  
Director Division of Reactor Projects

David C. Lew  
Deputy Director

A. Randolph Blough  
Director Division of Reactor Safety

Marsha K. Gamberoni  
Deputy Director

Dr. Ronald R. Bellamy  
Branch Chief

Regional Specialists

Beaver Valley Power Station  
Resident Inspectors  
Paul C. Cataldo  
Galen D. Smith

Project Engineers  
Roy L. Fuhrmeister  
Andrew A. Rosebrook  
Ronald E. Cureton

# NRC Representatives

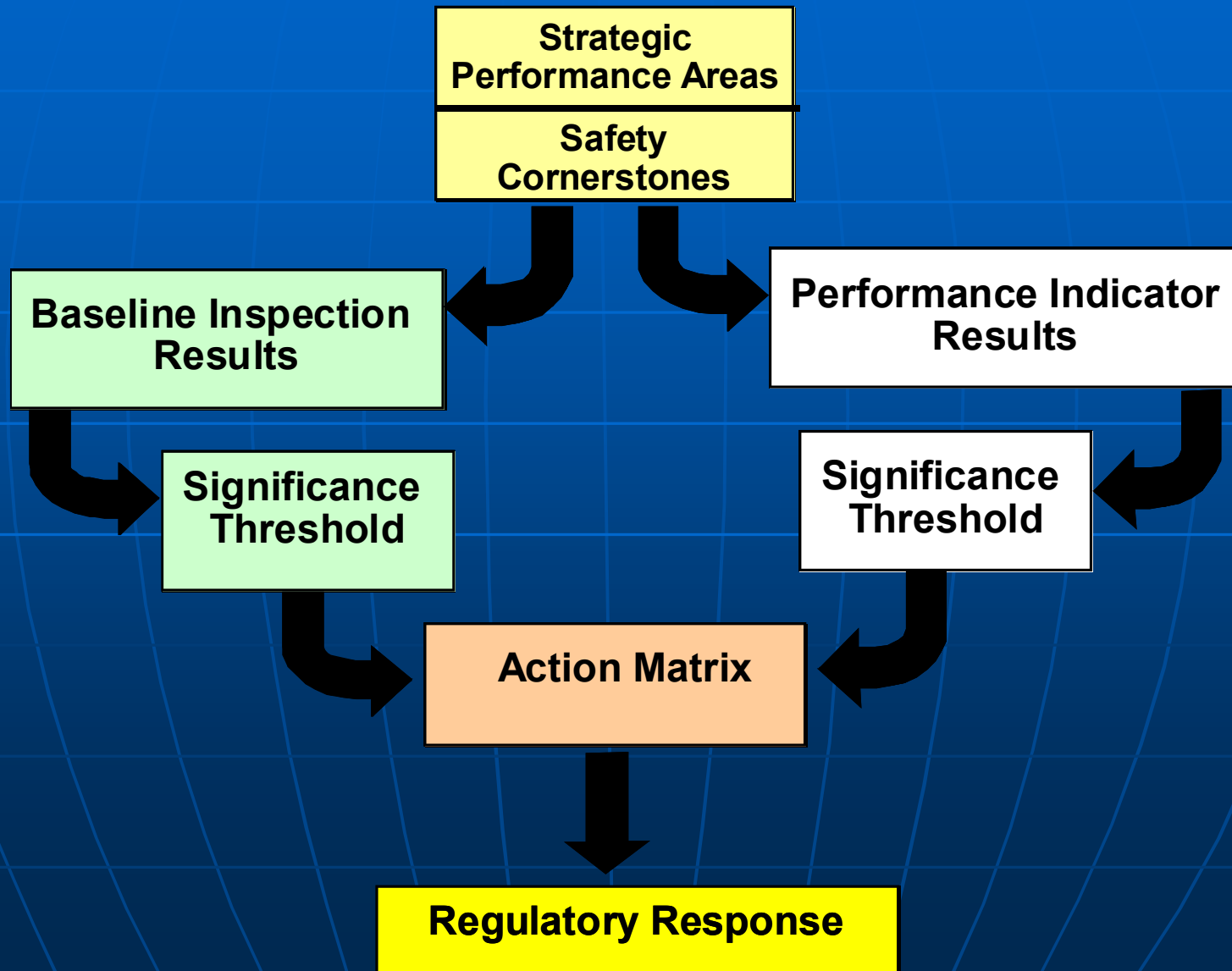
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- Dr. Ronald R. Bellamy, Branch Chief
  - (610) 337-5200
- Paul C. Cataldo, Senior Resident Inspector
  - (724) 643-2000
- Galen D. Smith, Resident Inspector
  - (724) 643-2000

# 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' strategic objective

# 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 2005

Licensee Response	84
Regulatory Response	12
Degraded Cornerstone	4
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
<u>Total</u>	<u>103</u>

# National Summary

- Performance Indicator Results (at end of CY 2005)

▶ Green	1850
▶ White	4
▶ Yellow	0
▶ Red	0

- Total Inspection Findings (CY 2005)

▶ Green	849
▶ White	10
▶ Yellow	1
▶ Red	0

# Beaver Valley Power Station Assessment Results

**(Jan 1 - Dec 31, 2005)**

- Operated safely
- Met all cornerstone objectives
- Both units in the Licensee Response Column of the Action Matrix for all four quarters of 2005
- NRC will continue to conduct baseline inspections in 2006

# Beaver Valley Power Station Inspection Activities

(Jan 1 - Dec 31, 2005)

- 5537 hours of inspection related activities
- 2 resident inspectors assigned to the site
- 13 regional inspections
- 4 team inspections
- Inspection findings
  - Nine findings of very low safety significance (green)

# Beaver Valley Power Station Annual Assessment Summary

January 1 - December 31, 2005

- FENOC operated Beaver Valley Units 1 & 2 in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at BV for the remainder of the assessment period

# Licensee Response and Remarks

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James Lash

Beaver Valley Site Vice President

FENOC

Rick Mende

Beaver Valley Director of Site Operations

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)