

# 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

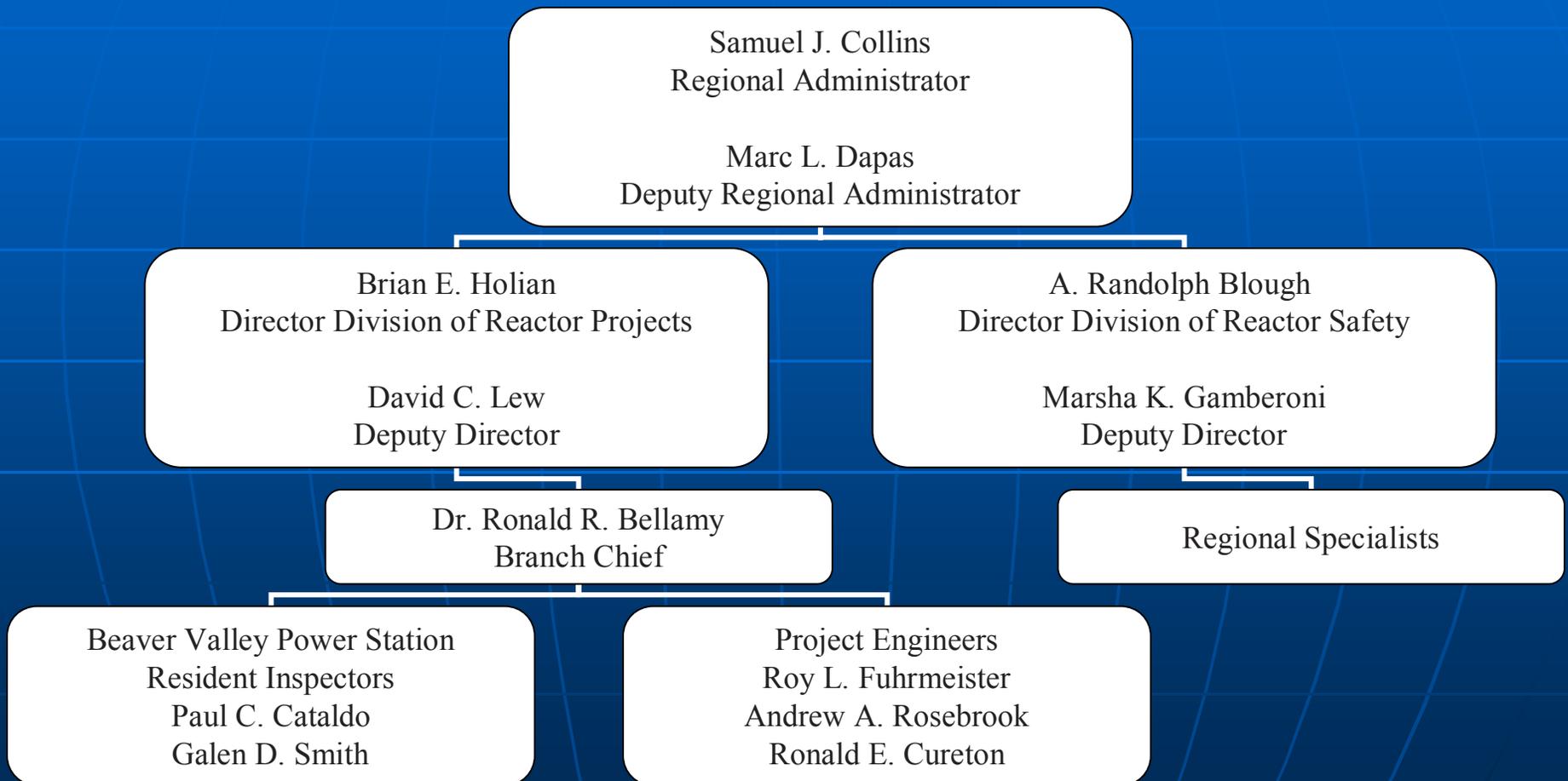
# Purpose of Today's Meeting

- 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



# NRC Representatives

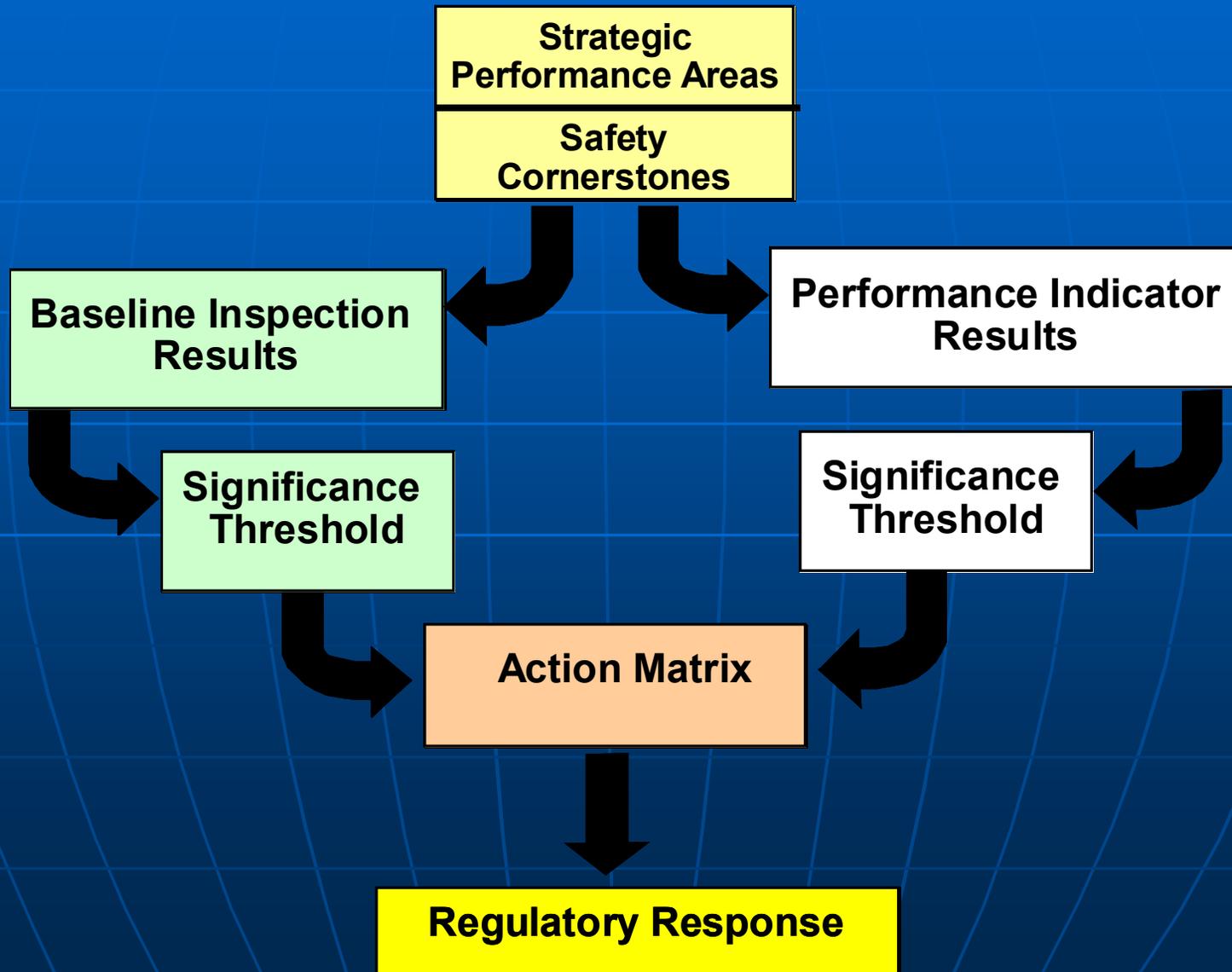
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- Dr. Ronald R. Bellamy, Branch Chief
  - (610) 337-5200
- Paul C. Cataldo, Senior Resident Inspector
  - (724) 643-2000
- Galen D. Smith, Resident Inspector
  - (724) 643-2000

# 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

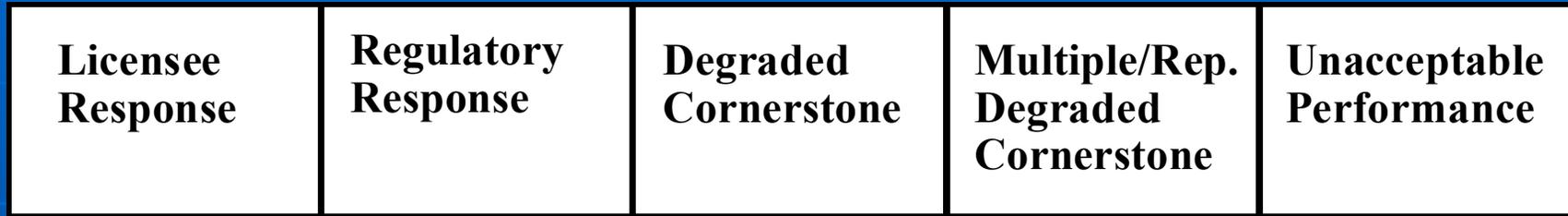
## Performance Indicators

- 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**

# 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

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)