

Vermont Yankee Annual Assessment Meeting

Reactor Oversight Program - CY 2003



Nuclear Regulatory Commission - Region I
King of Prussia, PA
March 31, 2004

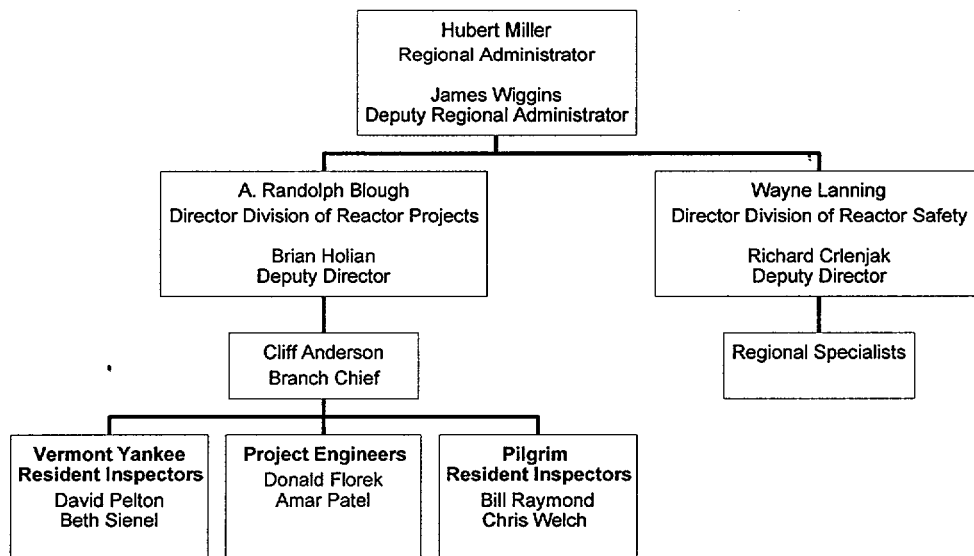
Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- NRC available to address public questions

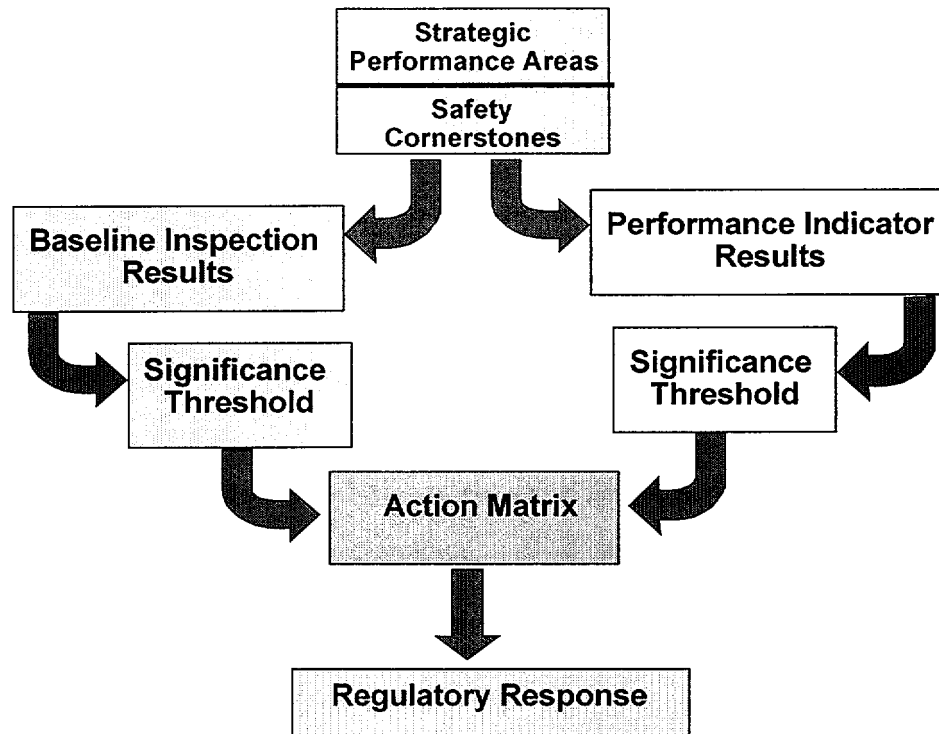
NRC Representatives

- Brian Holian, Deputy Director of Division of Reactor Projects
– (610) 337-5080
- Cliff Anderson, Branch Chief
– (610) 337-5227
- David Pelton, Senior Resident Inspector
– (802) 257-4319
- Beth Sienel, Resident Inspector
– (802) 257-4319
- Donald Florek, Senior Project Engineer
– (610) 337-5185
- Rick Ennis, Project Manager, NRR
– (301) 415-1420

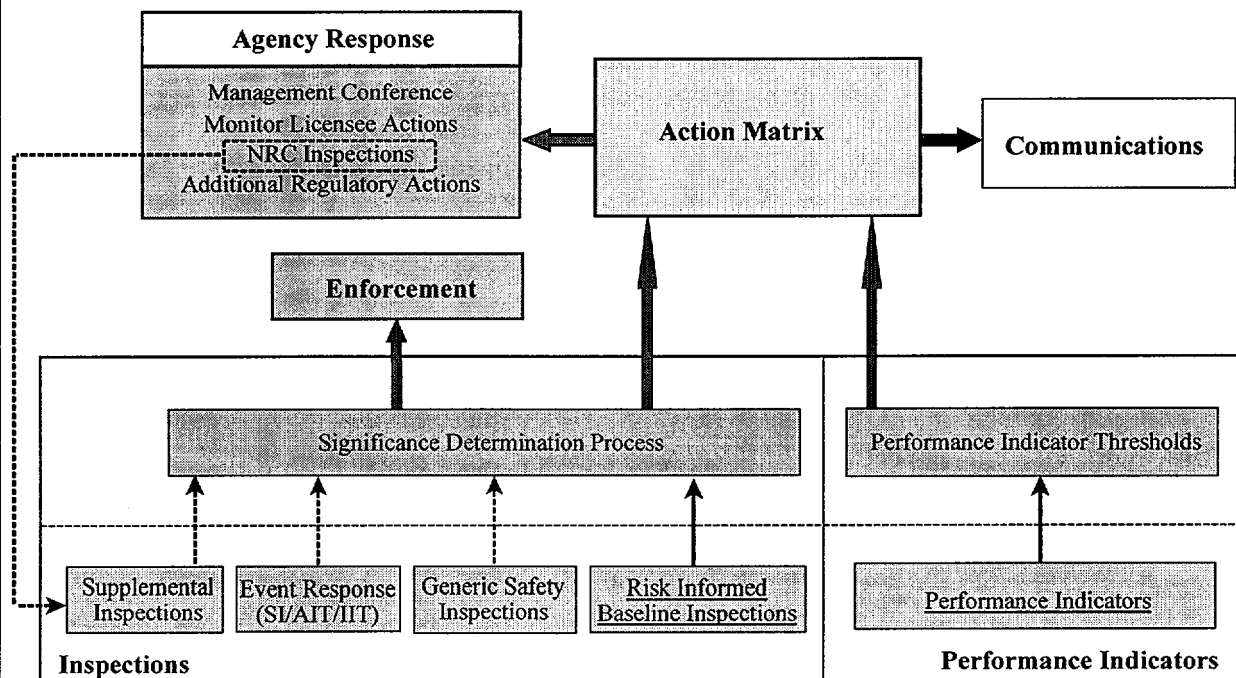
Region I Organization



Reactor Oversight Process

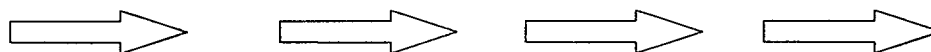


REACTOR OVERSIGHT PROCESS



Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance
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Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

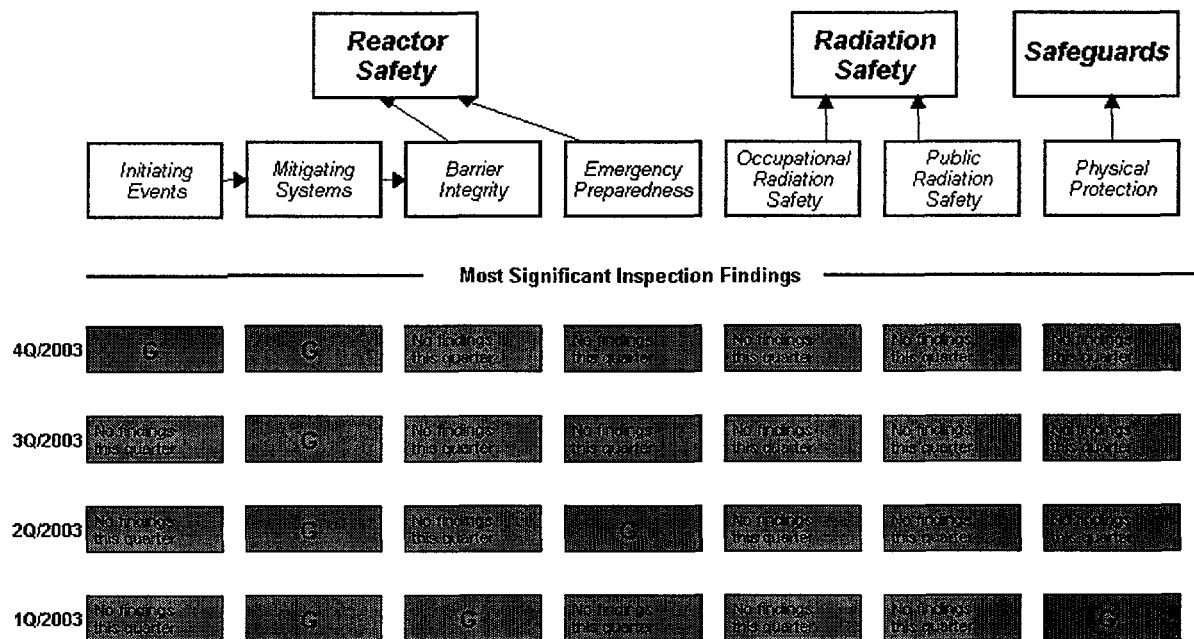
Examples of Baseline Inspections

- 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 ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr
- Safety System Design ~475 hrs every 2 yrs

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Vermont Yankee - Inspection Results



Vermont Yankee Inspection Activities

(Jan 1 - Dec 31, 2003)

- 4633 hours of inspection related activities
- 2 resident inspectors assigned to the site
- 12 regional inspections
- 2 team inspections
- Inspection Findings
 - 10 findings of very low safety significance (**Green**)

Vermont Yankee Assessment Results

(Jan 1 - Dec 31, 2003)

- Operated safely
- Licensee Response column of the Action Matrix for all four quarters of 2003 (cornerstone objectives fully met)
- NRC will conduct baseline inspections during the next cycle

Vermont Yankee Baseline Inspection Activities

(Jan 1 - Dec 31, 2004)

- 2 resident inspectors assigned to the site
- 10 regional inspector visits scheduled
- 2 team inspections scheduled
 - ▶ Safety System Design
 - ▶ Fire Protection

Vermont Yankee Power Uprate Inspection Activities

- Inspection Procedure 71004 “Power Uprate”
- Additional inspection hours above baseline program
- Specific area inspections
- Some resident and specialist baseline inspections focused on power uprate activities

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)

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

Licensee Response and Remarks

Vermont Yankee
Nuclear Power Plant
Entergy