

Indian Point Units 2 and 3 Annual Assessment Meeting

Reactor Oversight Program
2004 Assessment



Nuclear Regulatory Commission - Region 1
King of Prussia, PA
May 10, 2005

Agenda

- Introduction
- Review of Reactor Oversight Process (ROP)
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC Available to Address Public Questions

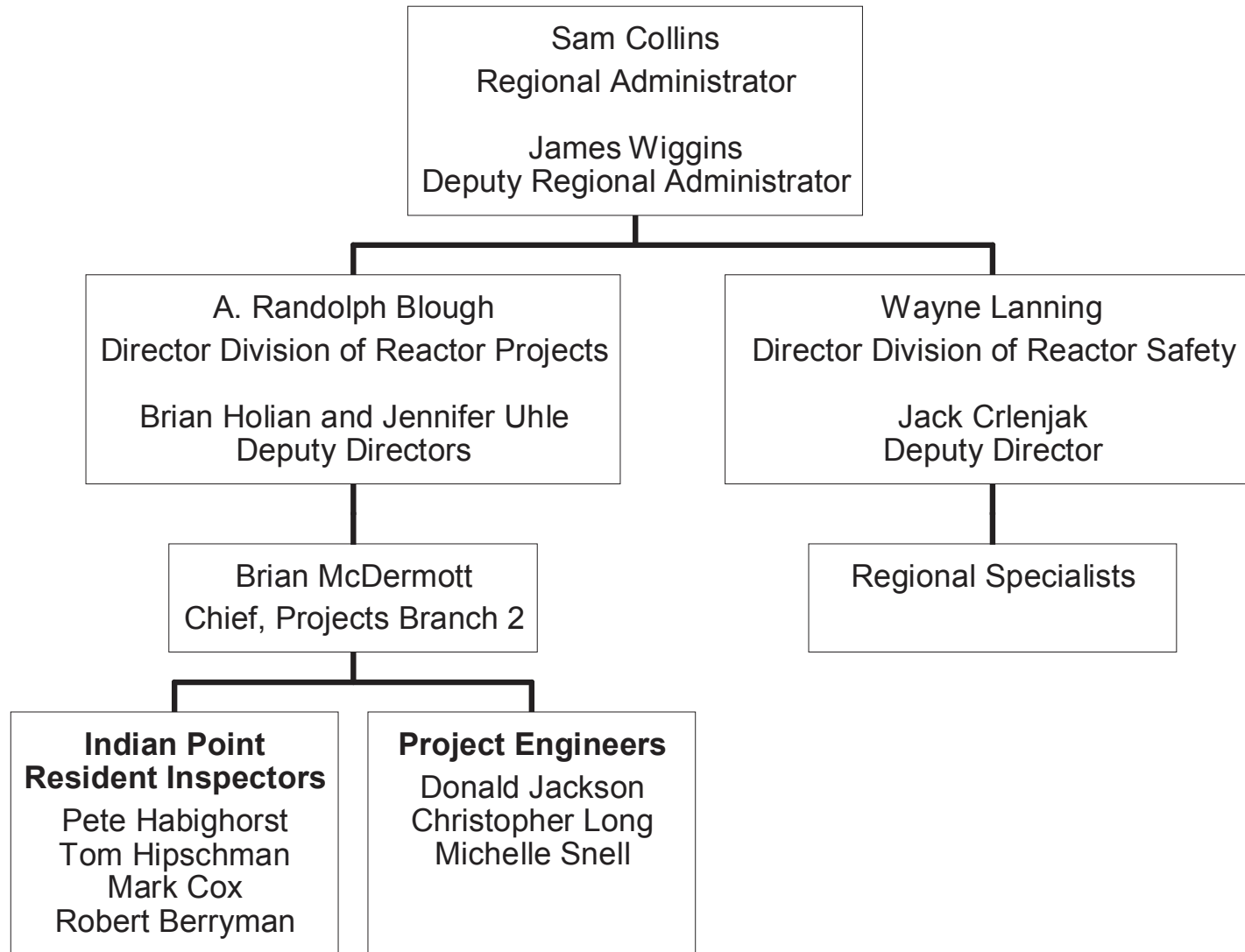
Purpose of Today's Meeting

- Public Forum for Discussion of Reactor Safety and Security Performance at Indian Point (IP)
- NRC Presentation of the 2004 Annual Assessment
- Entergy Assessment Response and Performance Discussion

NRC Representatives

- Sam Collins, NRC Regional Administrator
 - (610) 337-5229
- Brian Holian, Deputy Director, Division of Reactor Projects (DRP)
 - (610) 337-5080
- Brian McDermott, Branch Chief, DRP
 - (610) 337-5233
- Pete Habighorst, Senior Resident Inspector Unit 2
 - (914) 739-9360
- Tom Hipschman, Senior Resident Inspector Unit 3
 - (914) 739-8565
- Patrick Milano, Senior Project Manager
 - (301) 415-1457

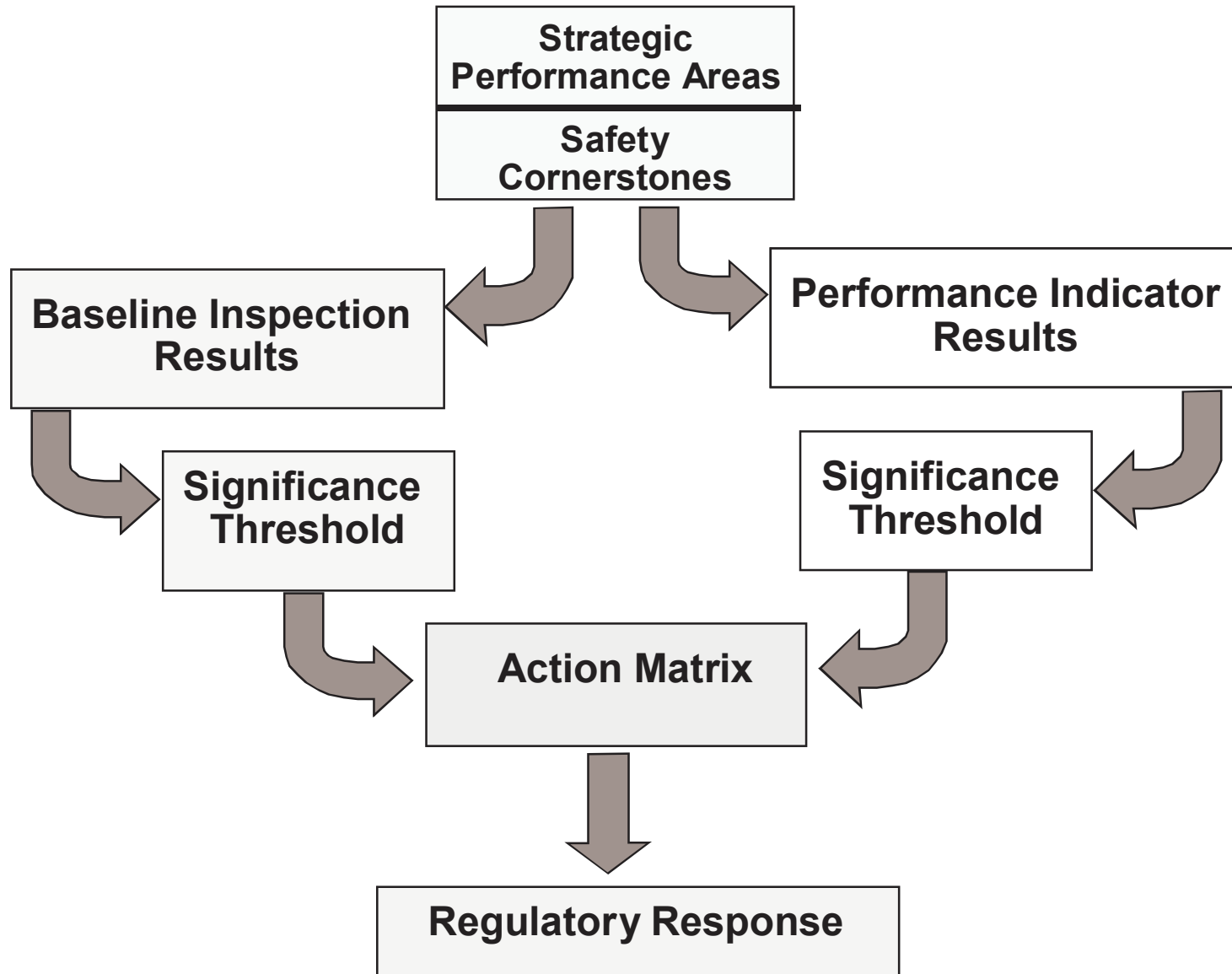
Region I Organization



NRC Performance Goals

- Safety: Ensure Protection of the Public Health and Safety and the Environment
- Security: Enhance 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 Objective

Reactor Oversight Process



Baseline Inspections Commitments

- 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

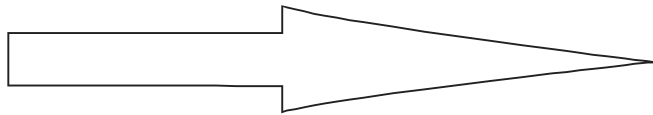
White: Low to Moderate Safety Issue

Yellow: Substantial Safety Issue

Red: High Safety Issue

Action Matrix Concept

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

National Summary of Plant Performance

Status at End of CY 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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Total Units	102*

*Davis-Besse is in Shutdown with Enhanced Oversight

National Summary

- Performance Indicator Results (CY 2004)

< Green	1834
< White	6
< Yellow	0
< Red	0
- Total Inspection Findings (CY 2004)

< Green	778
< White	11
< Yellow	0
< Red	0

Indian Point 2 Inspection Activities

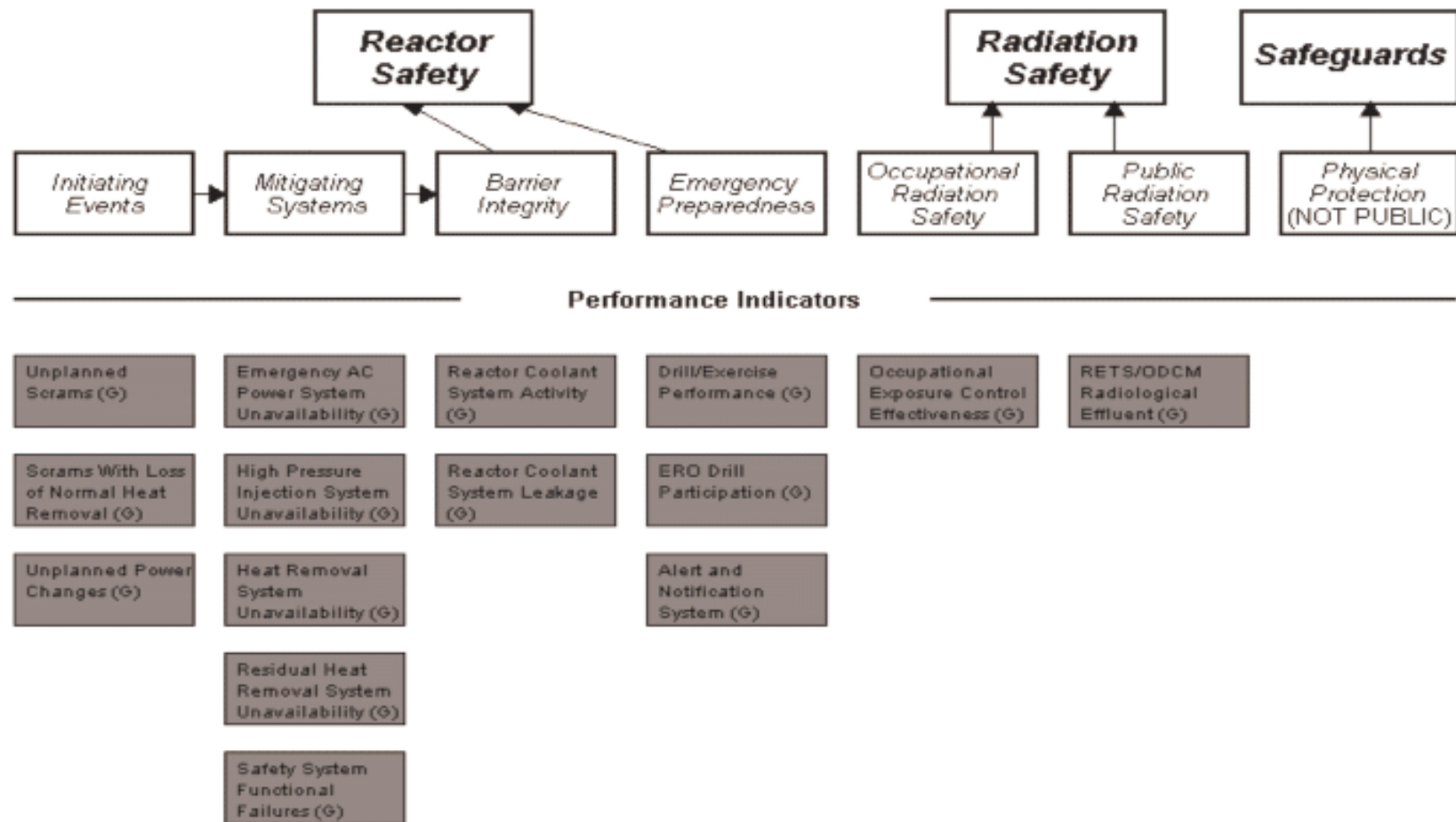
(January 1 - December 31, 2004)

- 7983 Hours of Inspection Related Activities
- Baseline Inspections and Performance Indicator Verifications Completed
- 2 Full-Time Resident Inspectors
- 21 Regional Specialist Inspection Activities
- 2 Team Inspections

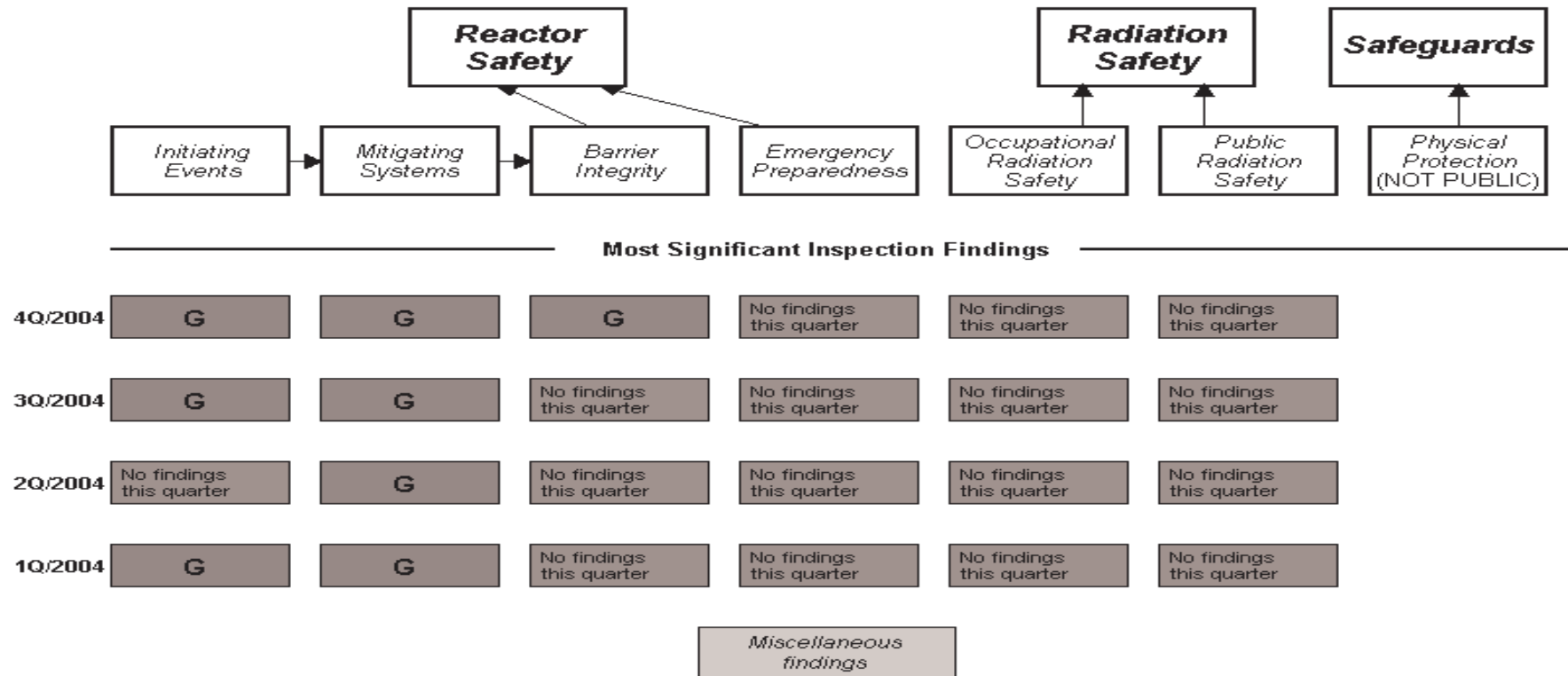
IP2 Assessment Inputs

- Inspection Findings
 - < Twenty-Six Findings of Very Low Safety Significance (Green)
 - < Individual Findings Evaluated for Common Themes (Cross-Cutting Issues)
- Performance Indicators
 - < Indicate Performance at a Level Requiring No Additional NRC Oversight (Green)

Indian Point Unit 2 Performance Indicators



Indian Point 2 Inspection Findings

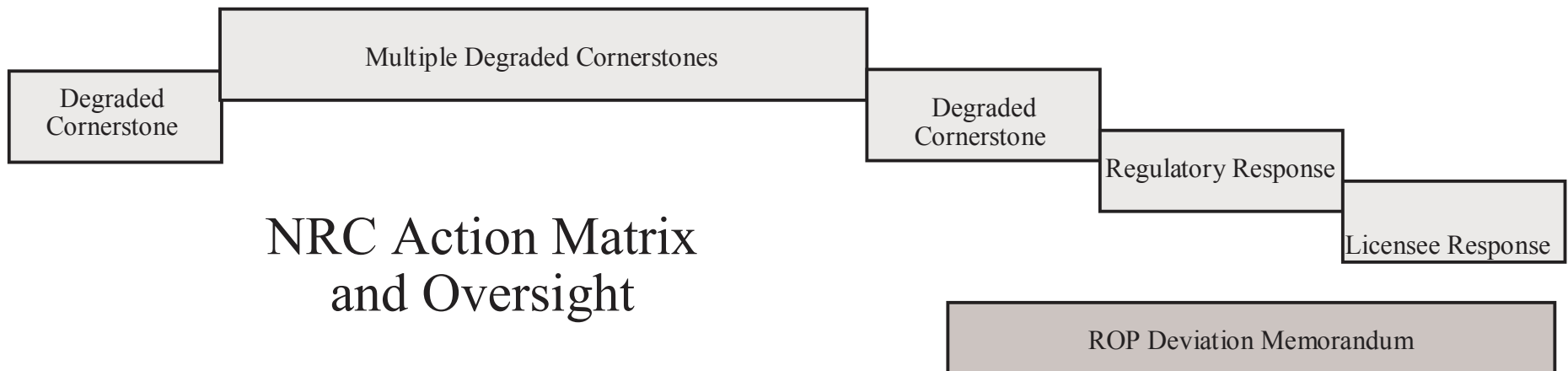
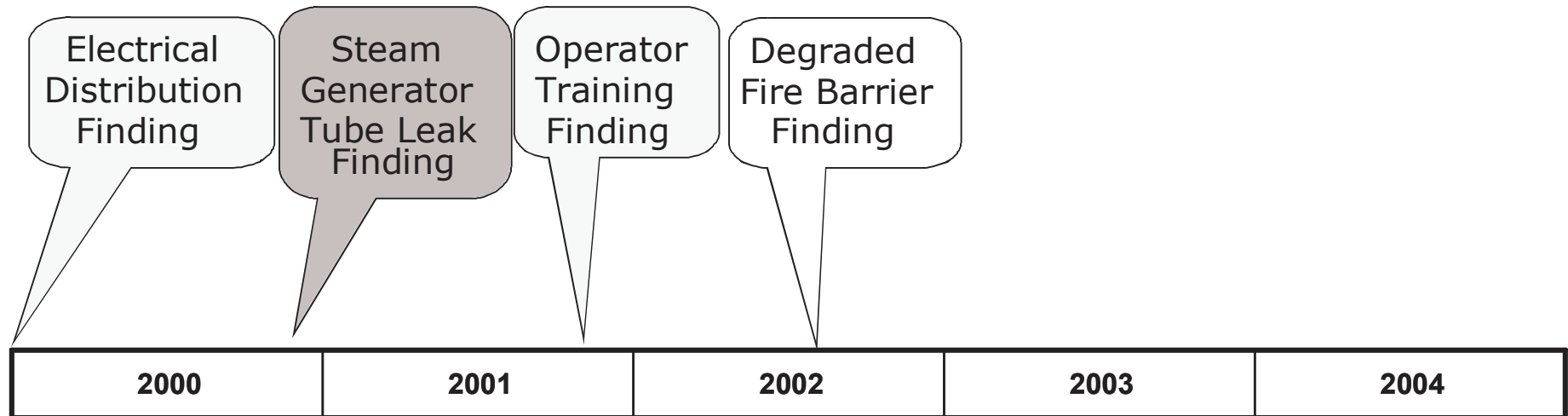


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- Additional Inspection & Assessment Information**
- ◆ **Assessment Reports/Inspection Plans:**
 - 4Q/2004
 - 3Q/2004
 - 2Q/2004
 - 1Q/2004
 - ◆ **Cross Reference Of Assessment Reports**
 - ◆ **List of Inspection Reports**
 - ◆ **List of Assessment Letters/Inspection Plans**

Cross-Cutting Issue

- A Cross-Cutting Issue In The Area of Problem Identification and Resolution (PI&R) Continued At Unit 2 In 2004.
- Cross-Cutting Issues Involve Multiple Inspection Findings During The Assessment Period, Causal Factors With A Common Theme, And A Concern With The Licensee's Scope of Efforts or Progress In Addressing The Issue.
- Five Findings of Very Low Safety Significance Were Identified With The Common Theme of Untimely or Ineffective Corrective Actions.
- While Entergy Has Implemented Initiatives To Increase the Effectiveness Of The Corrective Action Program, Continued Monitoring Is Warranted Due To Inconsistent Program Implementation.

Indian Point Unit 2 Performance



Indian Point 3 Inspection Activities

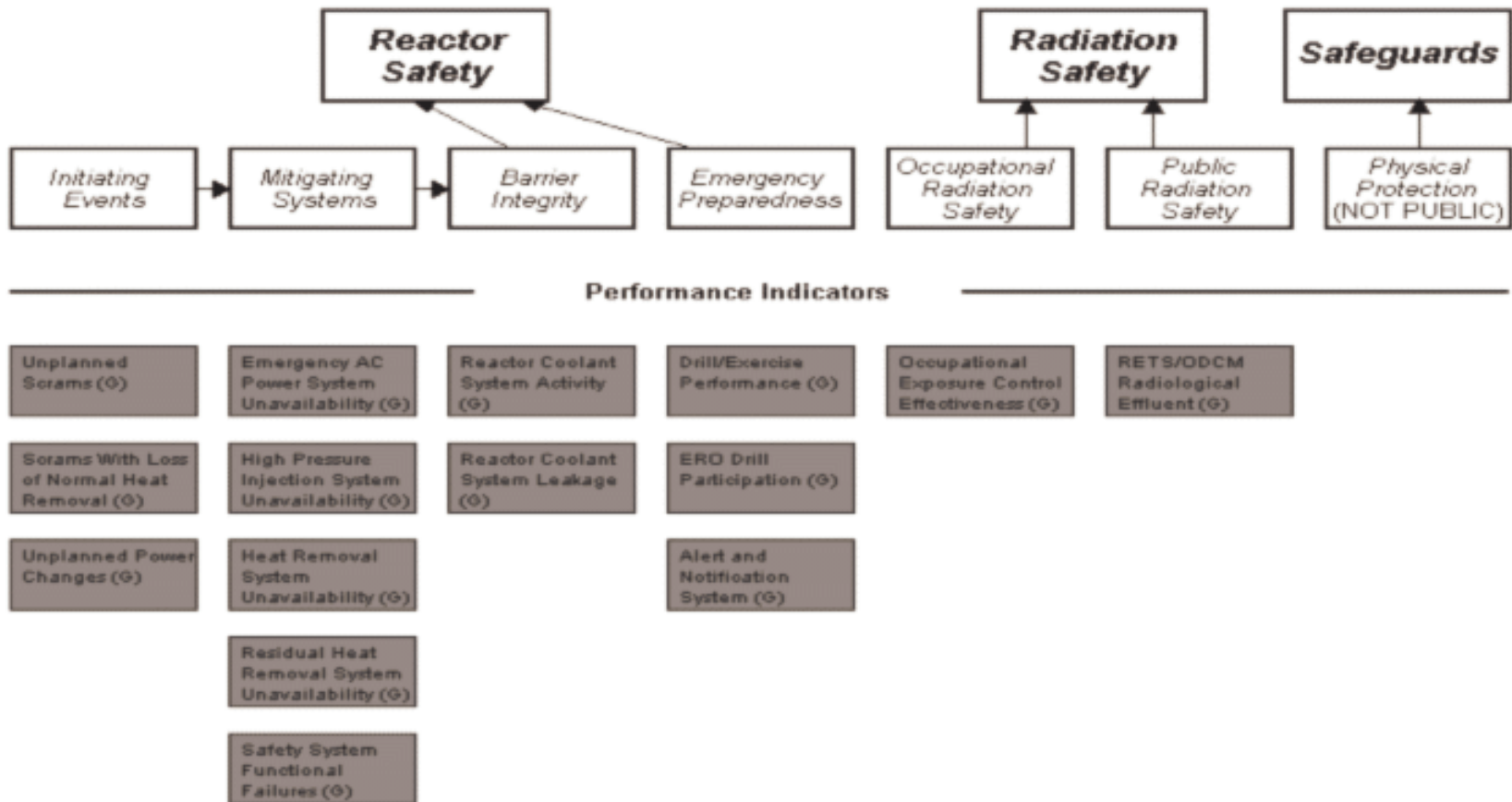
(January 1 - December 31, 2004)

- 4715 Hours of Inspection Related Activities
- Baseline Inspections and Performance Indicator Verifications Completed
- 2 Full-Time Resident Inspectors
- 18 Regional Specialist Inspection Activities
- 1 Team Inspection

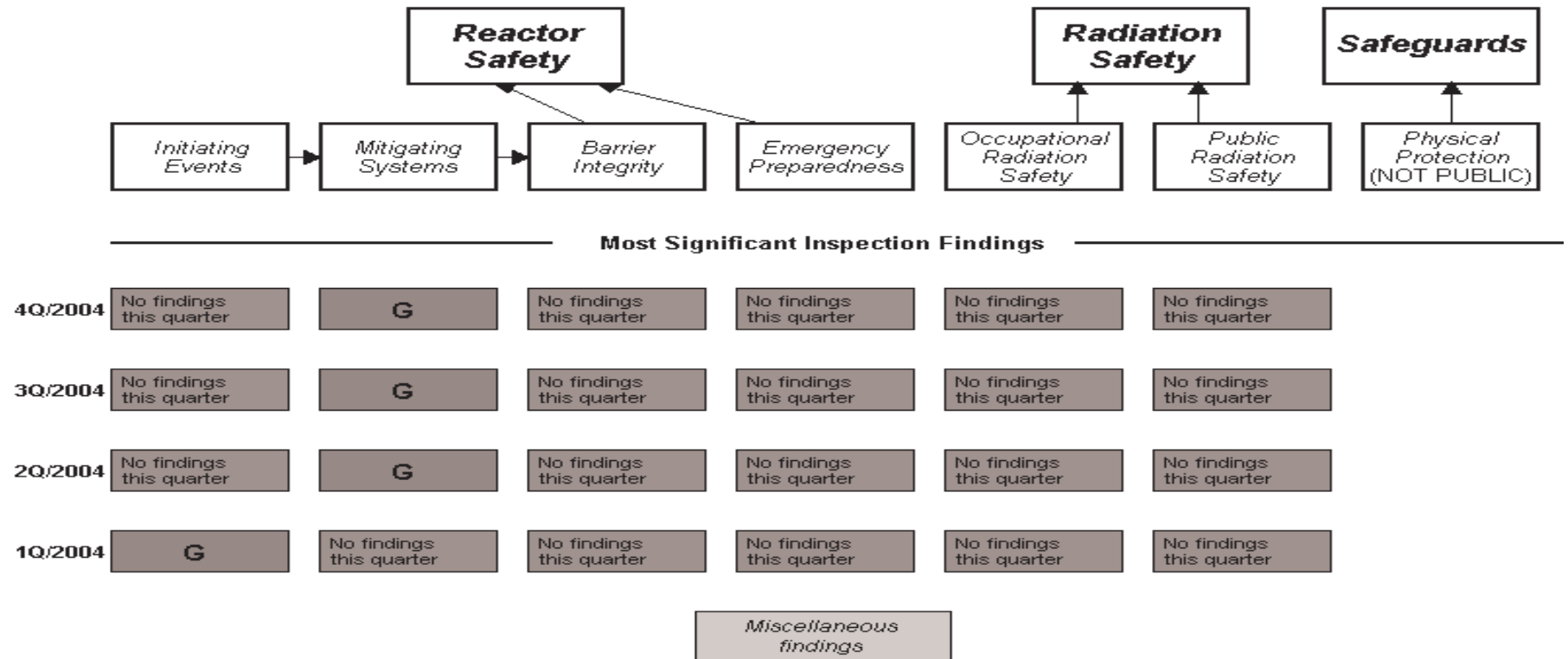
IP3 Assessment Inputs

- Inspection Findings
 - < Seven Findings of Very Low Safety Significance (Green)
 - < Individual Findings Evaluated for Common Themes (Cross-Cutting)
- Performance Indicators
 - < Indicate Performance at a Level Requiring No Additional NRC Oversight (Green)

Indian Point Unit 3 Performance Indicators



Indian Point 3 Inspection Findings



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- Additional Inspection & Assessment Information**
- ◆ **Assessment Reports/Inspection Plans:**
 - 4Q/2004
 - 3Q/2004
 - 2Q/2004
 - 1Q/2004
 - ◆ **Cross Reference Of Assessment Reports**
 - ◆ **List of Inspection Reports**
 - ◆ **List of Assessment Letters/Inspection Plans**

Indian Point Unit 3 Performance

Unit 3
Unplanned
Scrams PI
Turns White

2000	2001	2002	2003	2004
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Licensee Response			Reg. Resp.	Licensee Response
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NRC Action Matrix
and Oversight

Indian Point Units 2 and 3 Annual Assessment Summary

January 1- December 31, 2004

- Entergy Operated IP2 & IP3 in a Manner that Preserved Public Health and Safety
- All Cornerstone Objectives were Met
- One Cross-Cutting Issue (PI&R) Remains Open At Unit 2
- NRC will Conduct Baseline Inspections at Indian Point during the 2005 Assessment Period

Licensee Response and Remarks

Ways for the Public To Become Informed & Involved in the Regulatory Process

- Participate in NRC Public Meetings
 - < Sign Up to be on our Mailing List
- Visit the NRC Website on a Regular Basis
- Publicly Comment on Proposed Licensing Actions or File a Petition for Rulemaking (10 CFR 2.802)
- 10 CFR 2.206 Petition Process
- Contact the NRC via Email, Mail or Phone to Address Questions or Areas of Concern
- Participate in Open NRC/Industry Symposiums
- Freedom of Information Act (FOIA) Requests

Contacting the NRC

Report an Emergency
(301) 816-5100 (Can 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

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)