NRC Annual Assessment Meeting For Indian Point

Nuclear Regulatory Commission - Region I

Peekskill, New York

March 28, 2006

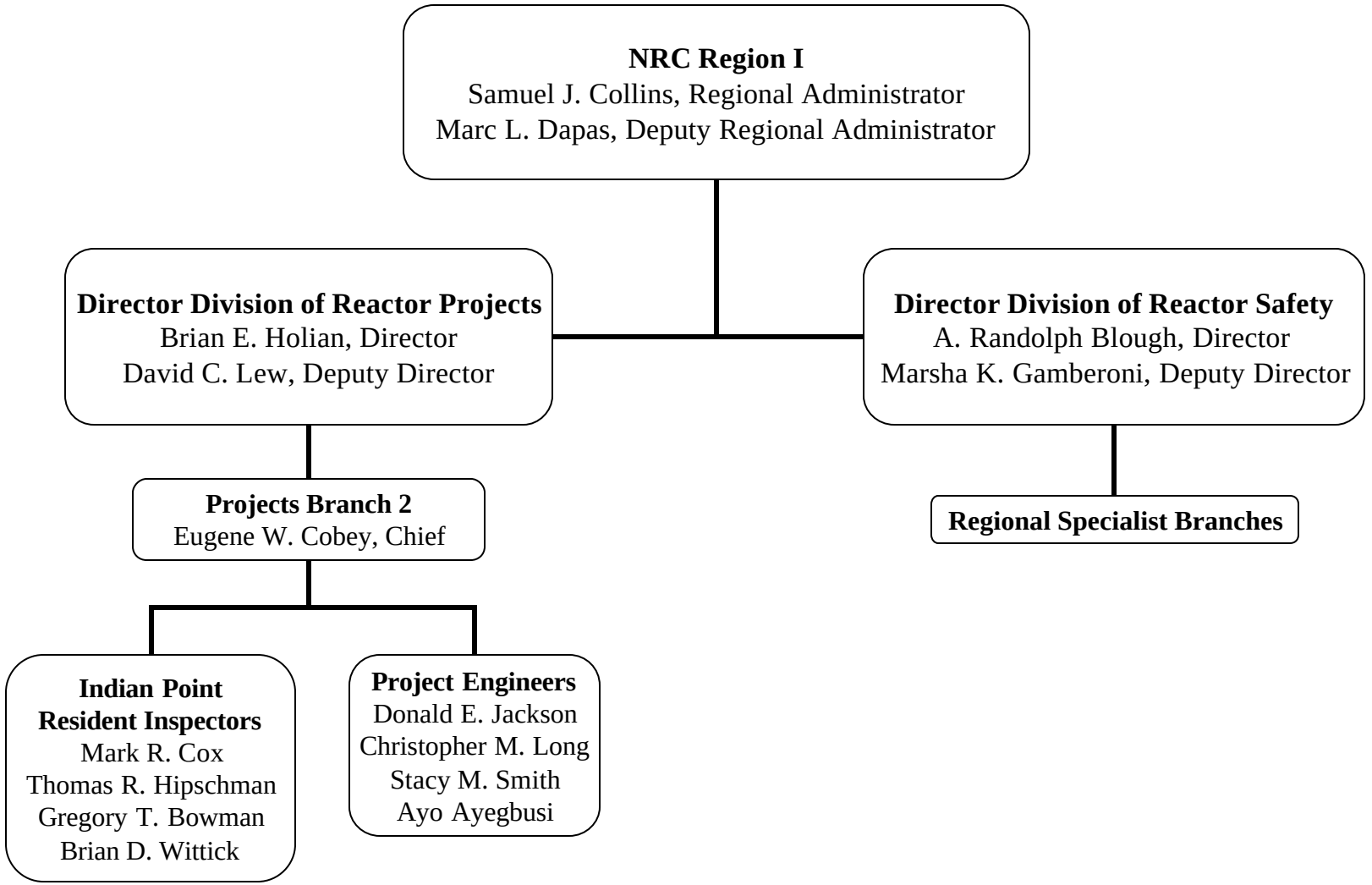
Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- The NRC will present its assessment of safety performance at Indian Point during 2005
- Entergy will be given the opportunity to respond and describe new or existing programs to maintain or improve its 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



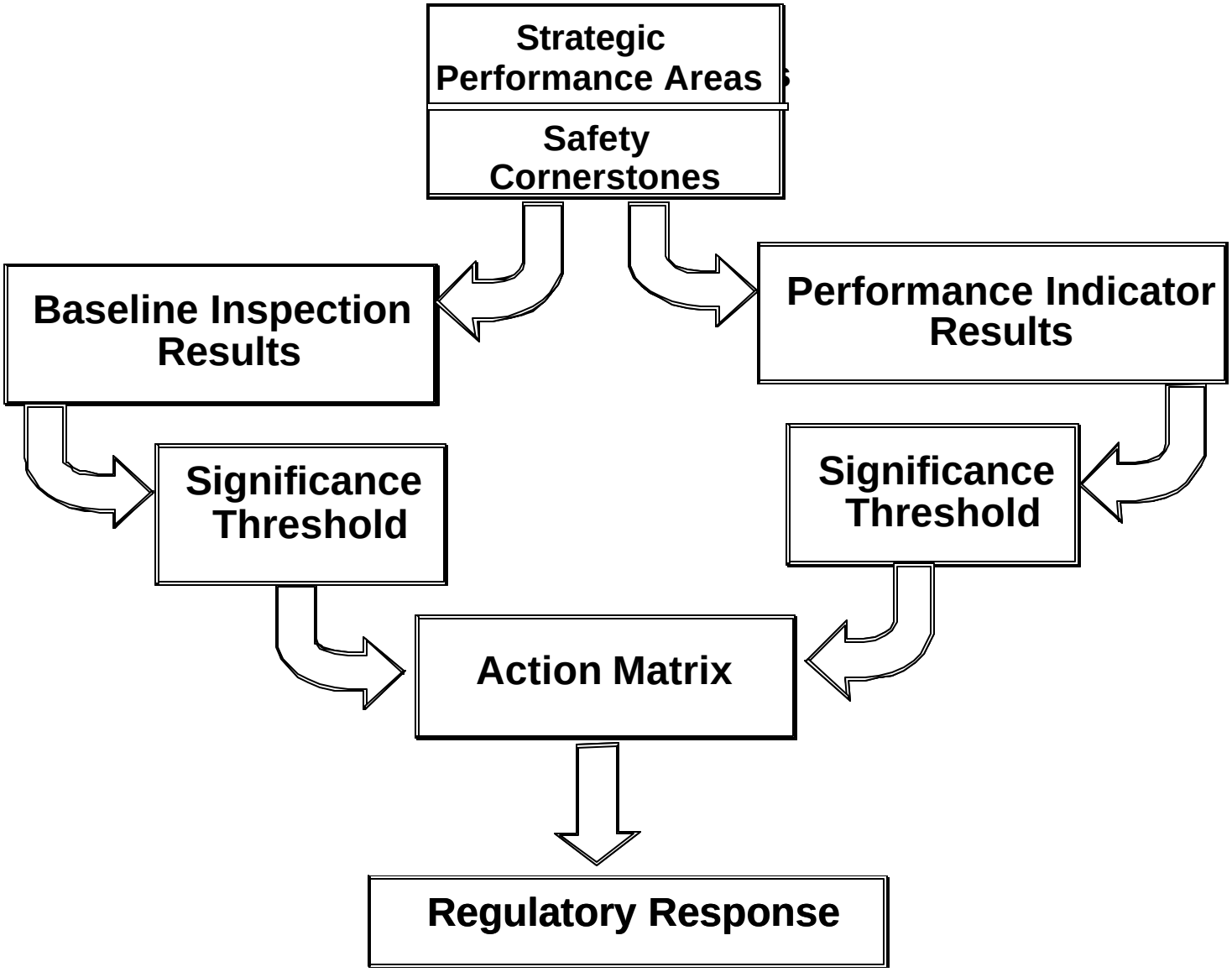
NRC Representatives

- Samuel Collins, Regional Administrator, Region I
- Brian McDermott, Chief, Projects Branch 1, Region I
- Gene Cobey, Chief, Projects Branch 2, Region I
- Mark Cox, Senior Resident Inspector IP2
- Tom Hipschman, Senior Resident Inspector IP3
- Diane Screnci, Senior Public Affairs Officer, Region I
- Patricia Milligan, Senior Advisor on Emergency Preparedness, Office of Nuclear Security and Incident Response
- John Boska, Project Manager, Office of Nuclear Reactor Regulation

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[1]

- Equipment Alignment ~80 hrs/yr
- Triennial Fire Protection ~200 hrs/3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~110 hrs/2 yrs
- Engineering Design ~680 hrs/2 yrs
- Corrective Action Program ~250 hrs/2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

[1]Baseline Inspections For A Single Unit Require Approximately ~5000 Hours Per Year

Significance Threshold

Inspection Findings

Green: Very low safety significance

White: Low to moderate safety significance

Yellow: Substantial safety significance

Red: High safety significance

Performance Indicators

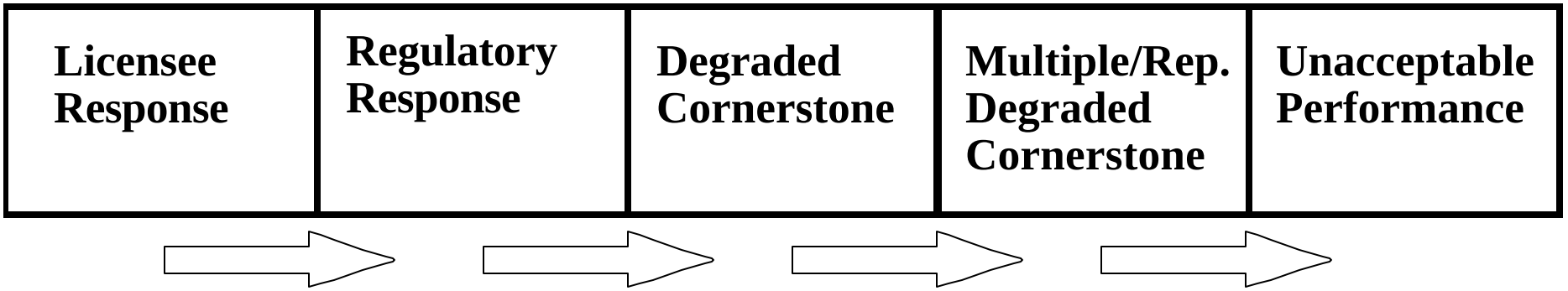
Green: Baseline Inspection

White: Increased NRC oversight

Yellow: Requires more NRC oversight

Red: Requires more NRC oversight

Action Matrix Concept



- Increasing Safety Significance
- Increasing NRC Inspection Efforts
- Increasing NRC/Licensee Management Involvement
- Increasing Regulatory Actions

National Summary

Status At End Of	2005	2004
Licensee Response	84	78
Regulatory Response	12	21
Degraded Cornerstone	4	0
Multiple/Repetitive Degraded Cornerstone	3	3
Unacceptable	0	0
Total	103	102*

* Davis-Besse was in Shutdown with Enhanced Oversight in 2004

National Summary

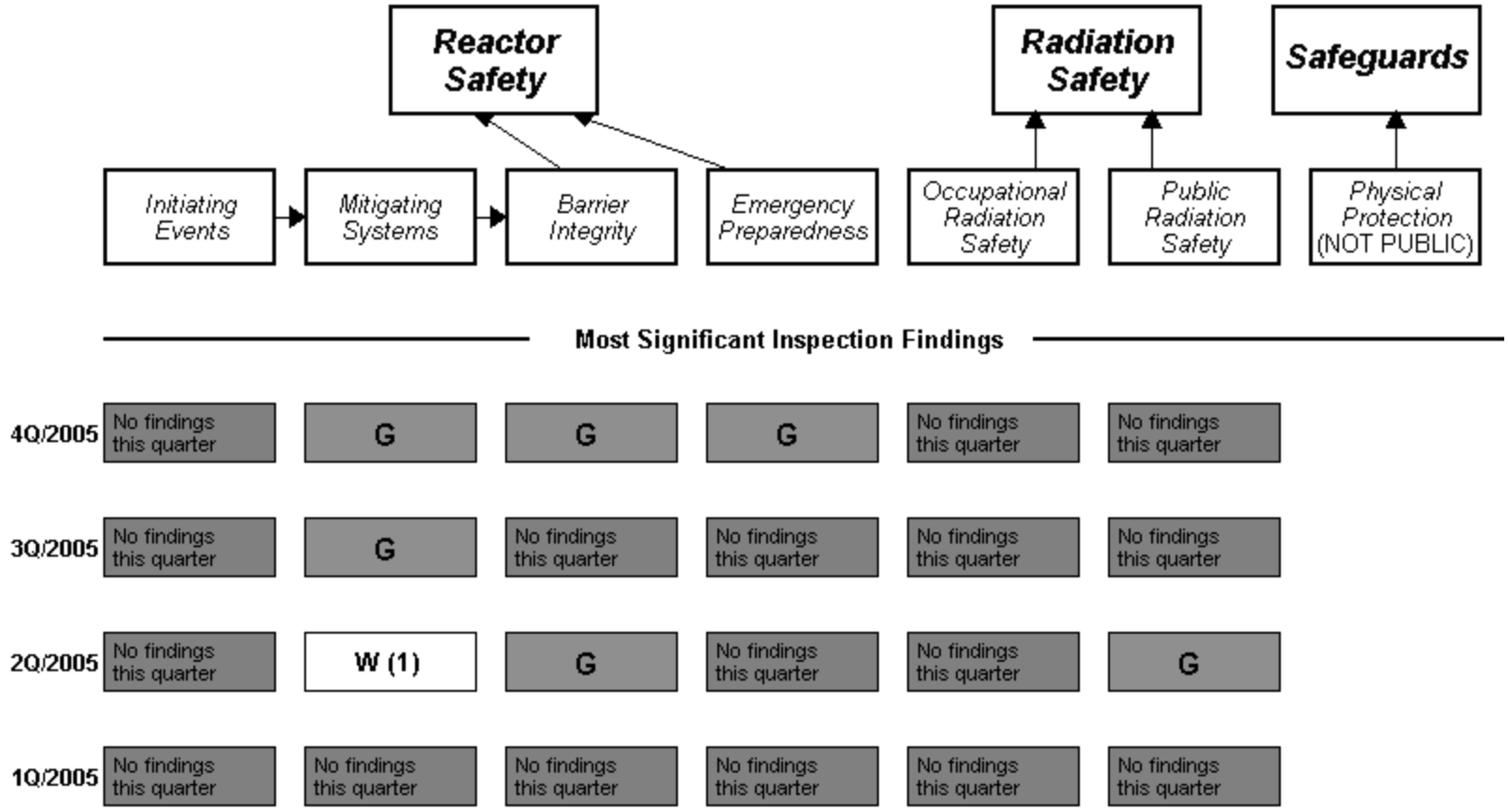
Performance Indicator Results

Status At End Of	2005	2004
Green	1850	1834
White	4	6
Yellow	0	0
Red	0	0

Total Inspection Findings

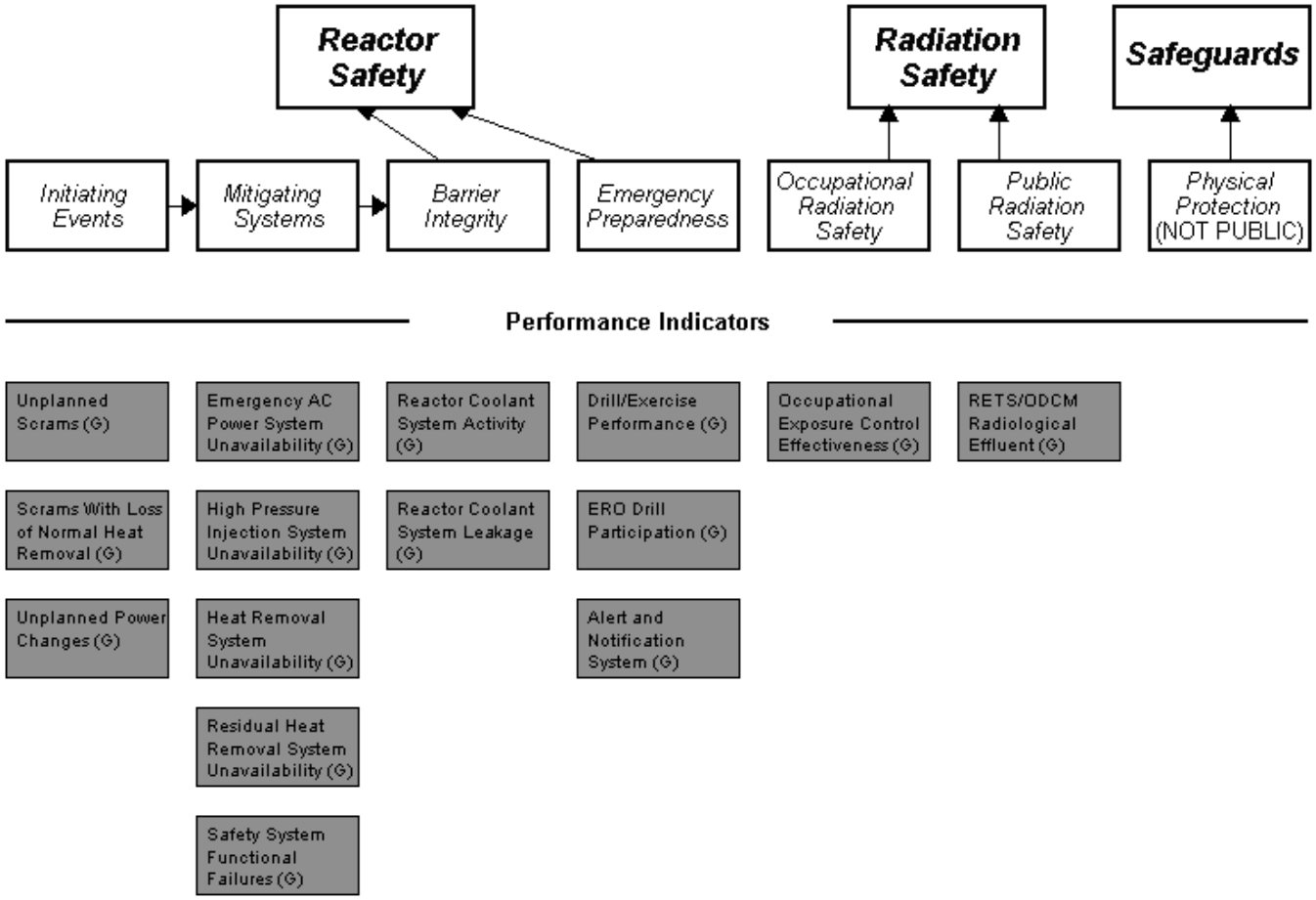
Total For Calendar Year	2005	2004
Green	849	778
White	10	11
Yellow	1	0
Red	0	0

NRC Inspection Findings



Available On The Web At: http://www.nrc.gov/reactors/operating/oversight.html

NRC Performance Indicators



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Indian Point 2 Performance

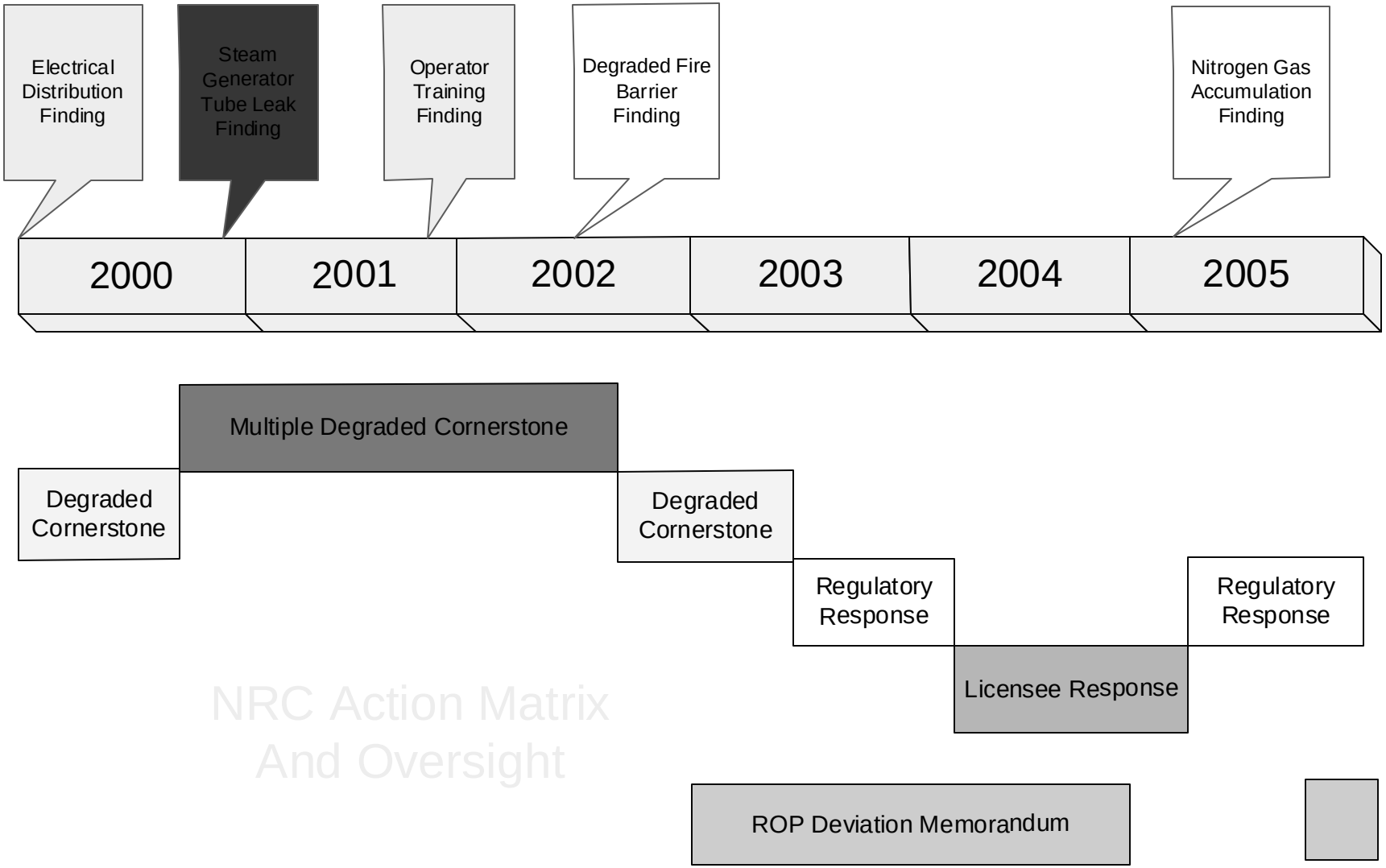
January 1, 2005 – December 31, 2005

- Regulatory Response Column Of NRC Reactor Oversight Process Action Matrix
  - One ‘White’ Finding (Second Quarter 2005)
  - Supplemental Inspection (December 2005)
  - All Performance Indicators ‘Green’
  - Return To Licensee Response Column In 2nd Quarter 2006 Based On Current Performance
- Closed Substantive Cross-Cutting Issue For Problem Identification And Resolution

Cross-Cutting Issue Closed

- Problem Identification And Resolution Issue Opened in 2001 NRC Annual Assessment
  - Untimely And Ineffective Corrective Actions
- NRC Semi Annual Review Of Findings
  - Improvements Noted But Inconsistent Implementation
- 2005 Mid Cycle Review
  - Improved Performance On Corrective Action
  - Focus Shifted To Problem Evaluation
- 2005 End Of Cycle Review
  - Problem Evaluation Performance Improved

Indian Point 2 Timeline



Indian Point 2 Inspections

January 1, 2005 – December 31, 2005

- 6917 Hours of Inspection Related Activities
- Four Full-time Resident Inspectors (IP2 and IP3)
- Eight Regional Specialist Inspection Activities
- Three NRC Team Inspections
  - Safety System Design
  - Problem Identification and Resolution
  - Special Inspection for Spent Fuel Pool/Tritium
- Supplemental And ROP Deviation Inspections

Indian Point 3 Performance

January 1, 2005 – December 31, 2005

- Licensee Response Column of NRC Reactor Oversight Process Action Matrix
  - All Inspection Findings ‘Green’
  - All Performance Indicators ‘Green’

Indian Point 3 Inspections

January 1, 2005 – December 31, 2005

- 5292 Hours of Inspection Related Activities
- Four Full-time Resident Inspectors (IP2 and IP3)
- Ten Regional Specialist Inspection Activities
- Two NRC Team Inspections
  - Triennial Fire Protection
  - Safety System Design

Upcoming NRC Activities

Significant Activities In 2006 At Indian Point 2 and 3

- NRC Inspection Teams
  - Problem Identification and Resolution
  - Plant Modifications
  - Emergency Preparedness Exercise
- Preparations for Design Bases Inspection Teams
- ROP Deviation Inspection And Oversight
  - Siren System Corrective Actions And Upgrades
  - Groundwater Contamination Investigation

Licensee Response and Remarks

Summary Of NRC Assessment

- Entergy Operated Indian Point In A Manner That Preserved Public Health and Safety During 2005
- NRC Closed A Long-Standing Issue Concerning Problem Identification And Resolution Based On Entergy's Progress And Performance
- NRC Will Conduct Baseline Inspections At Indian Point During 2006
- Additional NRC Oversight Will Be Applied To Assess Entergy's Progress On Tritium Contamination and Siren Issues

ROP Deviation

- Enhanced Inspection For Two Issues Approved By NRC Senior Management In October 2005
  - Spent Fuel Pool Leakage and Contamination
  - Alert and Notification System (Sirens) Corrective Actions and Backup Power Upgrades
- Separate NRC Public Meeting To Discuss The Groundwater Contamination Issue

Contacting the NRC

- To report an emergency

  (301) 816-5100 (call collect)

- To report a safety concern

  (800) 695-7403 or 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)

Public Question and Answer

- Please sign up to ask questions during the public Q&A session
  - Time for questions from one individual or organization may be limited to ensure other members of the public have the opportunity to ask questions
- We will have a 10 minute break before the public Q&A session - during this time, please feel free to ask questions of the individual NRC staff