

# **James A. FitzPatrick**

## **Annual Assessment Meeting**

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Reactor Oversight Program  
2004 Assessment



Nuclear Regulatory Commission - Region 1  
King of Prussia, PA  
April 28, 2005

# Agenda

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- 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

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- Public Forum for Discussion of Reactor Safety and Security Performance at James A. FitzPatrick (JAF)
- NRC Presentation of the 2004 Annual Assessment
- Entergy Assessment Response and Performance Discussion

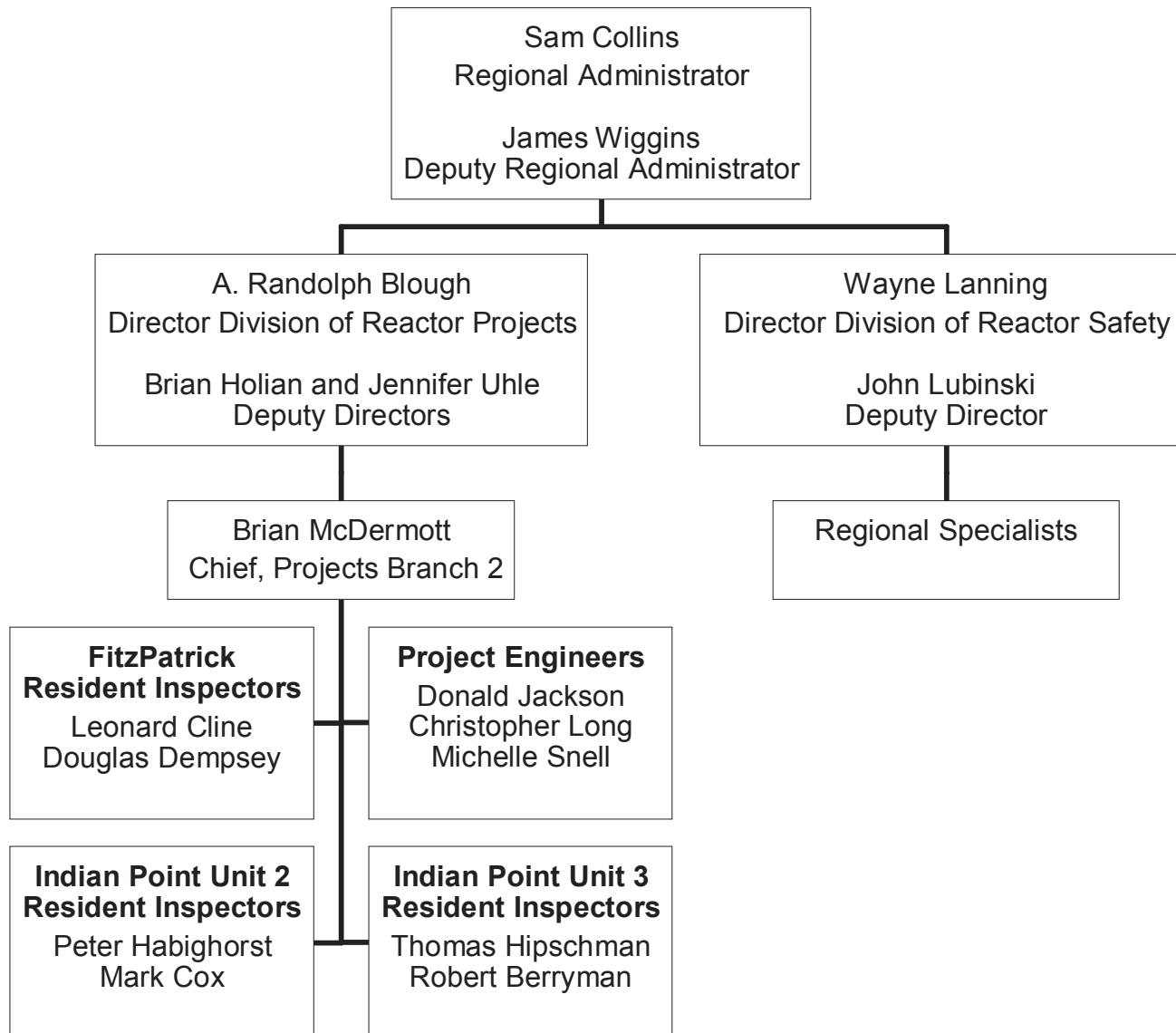
# NRC Representatives

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- Brian McDermott, Branch Chief
  - (610) 337-5233
- Leonard Cline, Senior Resident Inspector
  - (315) 342-4907
- Douglas Dempsey, Resident Inspector
  - (315) 342-4907
- Patrick Milano, Senior Project Manager
  - (301) 415-1457

# Region I Organization

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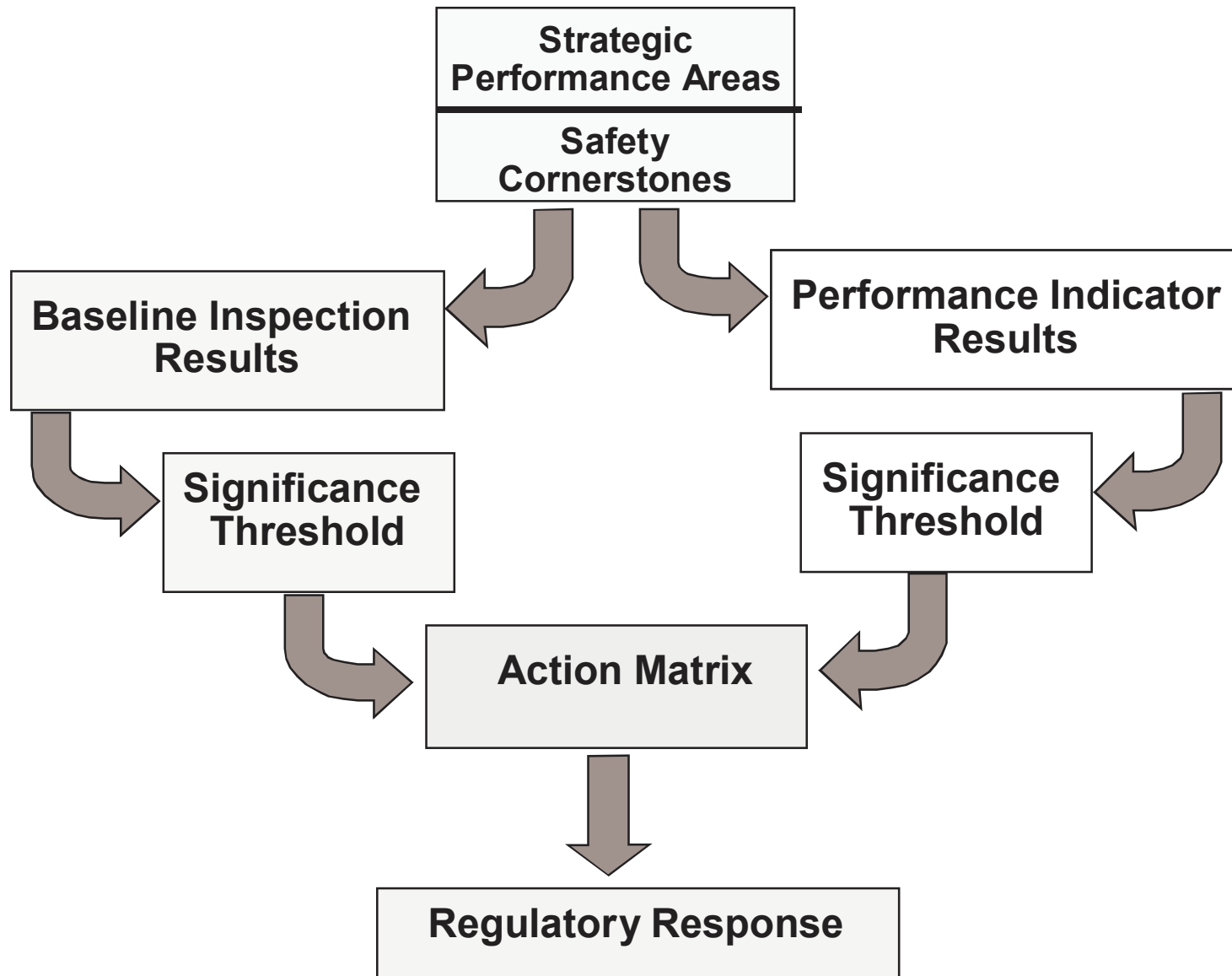
# NRC Performance Goals

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- 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

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# Baseline Inspections Commitments

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- 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

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## Performance Indicators

- Green:** Only Baseline Inspection  
**White:** May Increase NRC Oversight  
**Yellow:** Requires More NRC Oversight  
**Red:** Requires More NRC Oversight

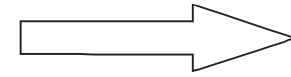
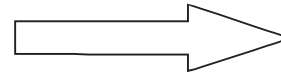
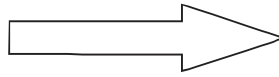
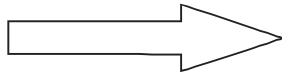
## Inspection Findings

- Green:** Very Low Safety Issue  
**White:** Low to Moderate Safety Issue  
**Yellow:** Substantial Safety Issue  
**Red:** High Safety Issue

# Action Matrix Concept

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

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

# National Summary of Plant Performance

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## 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*
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\*Davis-Besse is in Shutdown with Enhanced Oversight

# National Summary

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- Performance Indicator Results (CY 2004)

- < **Green** 1834

- < **White** 6

- < **Yellow** 0

- < **Red** 0

- Total Inspection Findings (CY 2004)

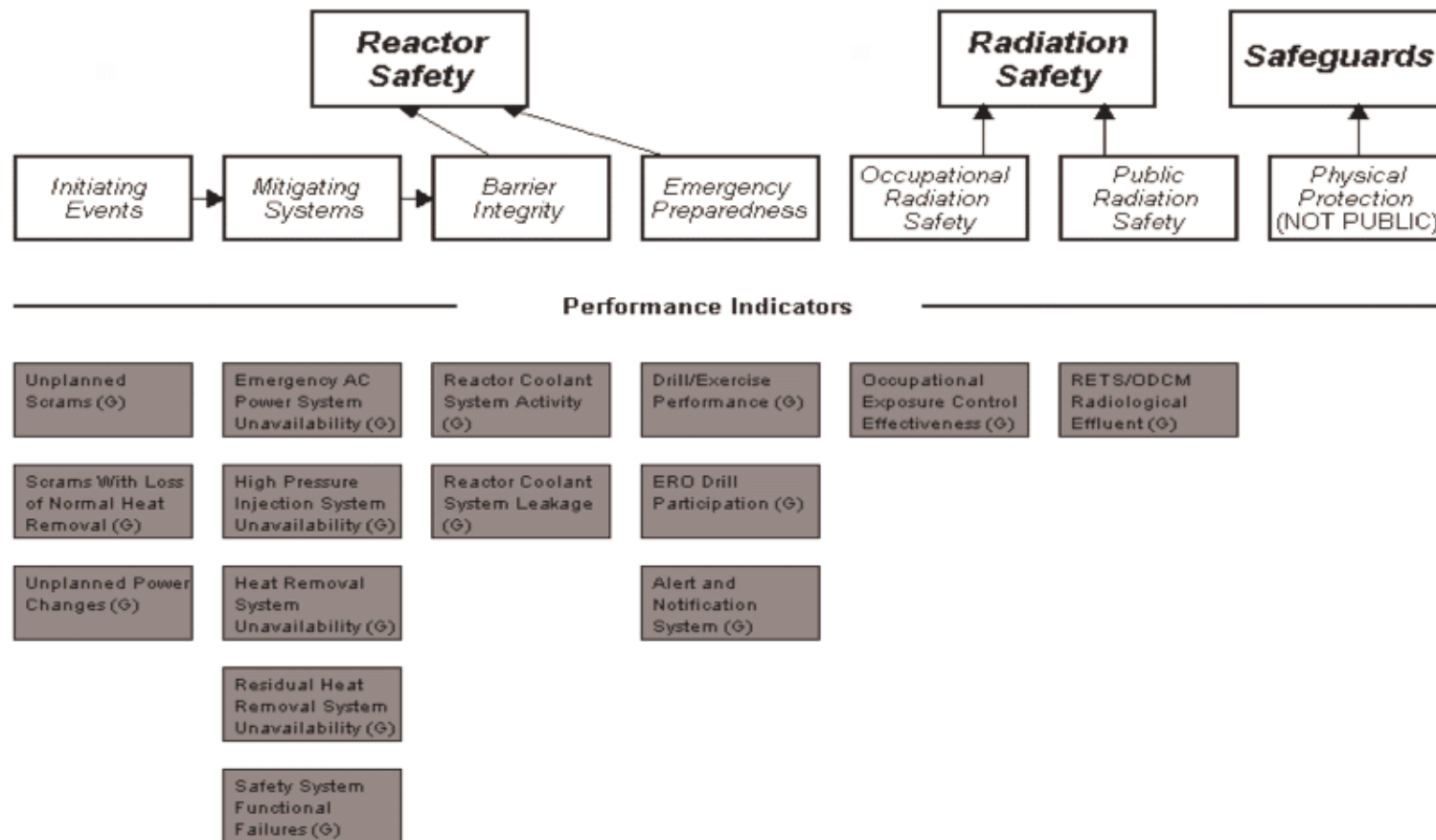
- < **Green** 778

- < **White** 11

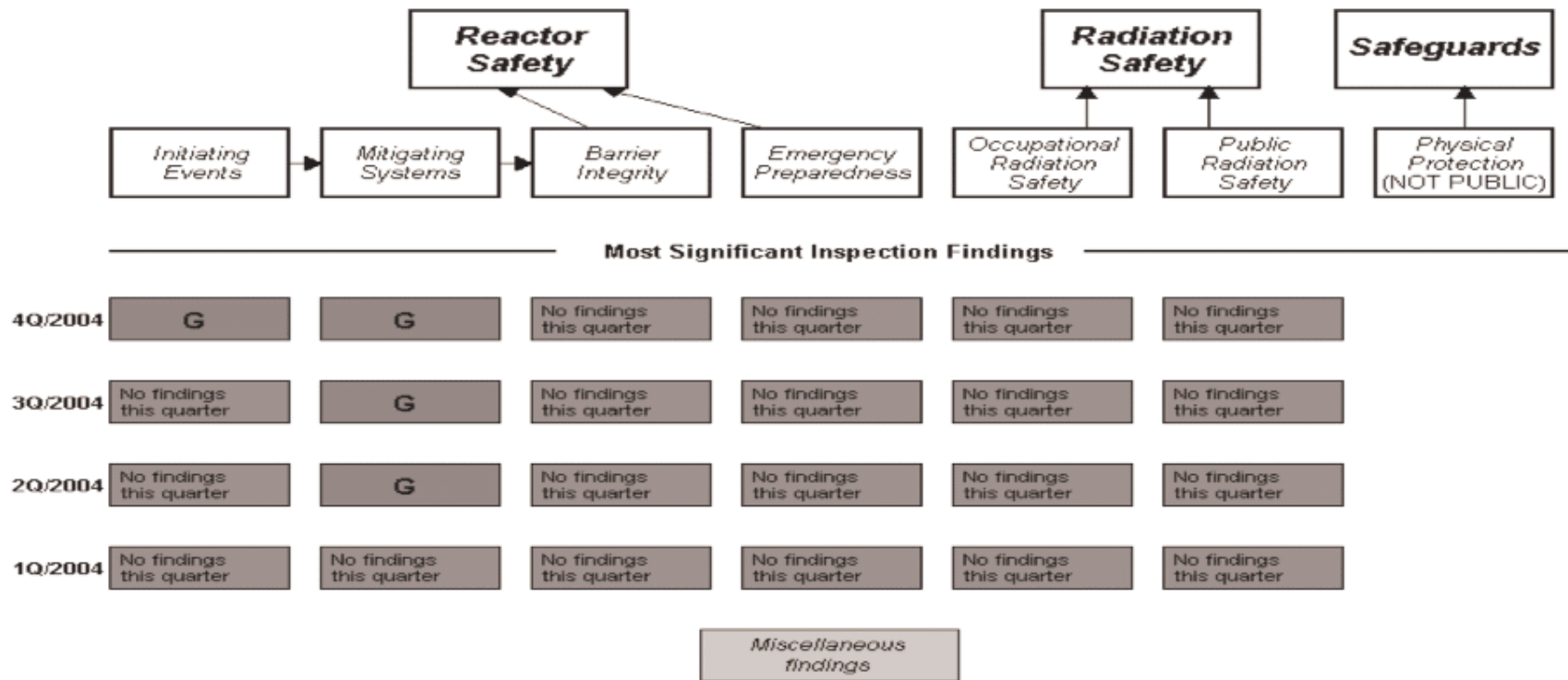
- < **Yellow** 0

- < **Red** 0

# FitzPatrick Performance Indicators



# FitzPatrick Inspection Findings



- 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**

# **FitzPatrick Inspection Activities**

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(January 1 - December 31, 2004)

- 4081 Hours of Inspection Related Activities
- Baseline Inspections and Performance Indicator Verifications Completed
- 2 Full-Time Resident Inspectors Assigned to JAF
- 26 Regional Specialist Inspection Activities
- One Team Inspection

# FitzPatrick Assessment Inputs

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(January 1 - December 31, 2004)

- Inspection Findings
  - < Five Findings of Very Low Safety Significance (Green)
- Performance Indicators
  - < Indicate performance at a level requiring no additional NRC oversight (Green).



# **FitzPatrick Annual Assessment Summary**

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January 1- December 31, 2004

- Entergy Operated JAF in a Manner that Preserved Public Health and Safety
- All Cornerstone Objectives were Met
- NRC Will Conduct Baseline Inspections at JAF during the 2005 Assessment Period

# **Licensee Response and Remarks**

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Ted Sullivan  
Site Vice President- James A. FitzPatrick  
Entergy Nuclear Northeast

# NRC Security Program Update

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- Access Authorization Order (January 2003)
- Training Order (April 2003)
- Fatigue Order (April 2003)
- NRC Verifying Order Implementation Through Baseline Inspections
- Changes to Site Security Plans to Incorporate the Requirements of the Orders (April 2004)
- Expanded Force-on-Force Exercises (Ongoing)
- New NRC Security Baseline Inspection Program Initiated (February 2004)

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

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- 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 2.206 Petition Process
- Contact the NRC via Email, Mail or Phone to Address Questions or Areas of Concern
- Participate in Open NRC/Industry Symposia
- Freedom of Information Act (FOIA) Requests

# Contacting the NRC

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Report an Emergency  
(301) 816-5100 (Call Collect)

Report a Safety Concern  
(800) 695-7403  
[Allegation@nrc.gov](mailto:Allegation@nrc.gov)

General Information or Questions  
[www.nrc.gov](http://www.nrc.gov)

Select “What We Do” for Public Affairs

# Reference Sources

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## 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)