

# Annual Assessment Meeting North Anna Power Station

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Nuclear Regulatory Commission  
March 20, 2003

# **Annual Licensee Assessment Meeting**

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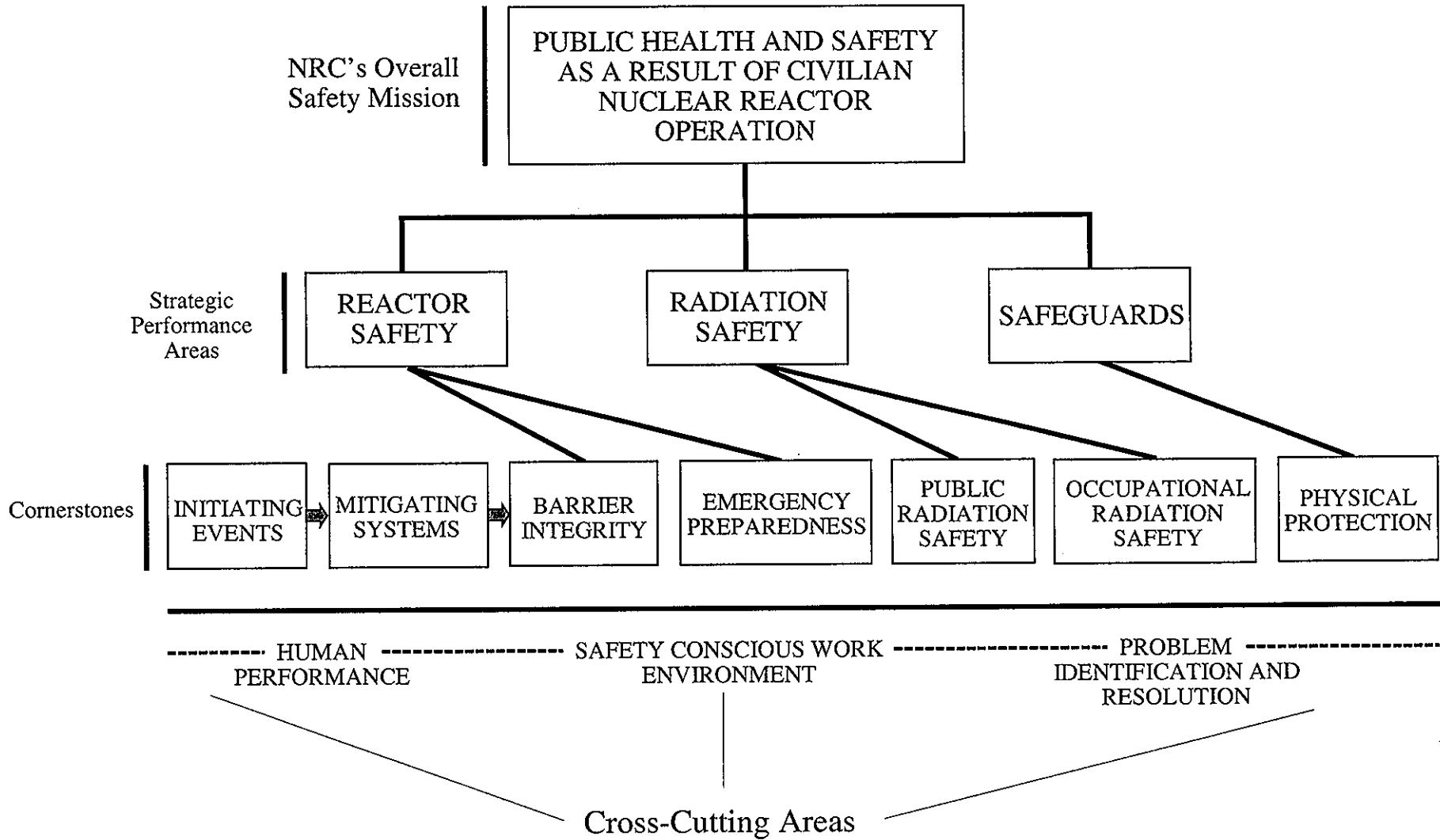
- A public forum for discussion of the licensee's performance as outlined in the NRC's Annual Assessment Letter
- Provide licensee with an opportunity to respond to the information in the Assessment Letter

# **NRC Performance Goals**

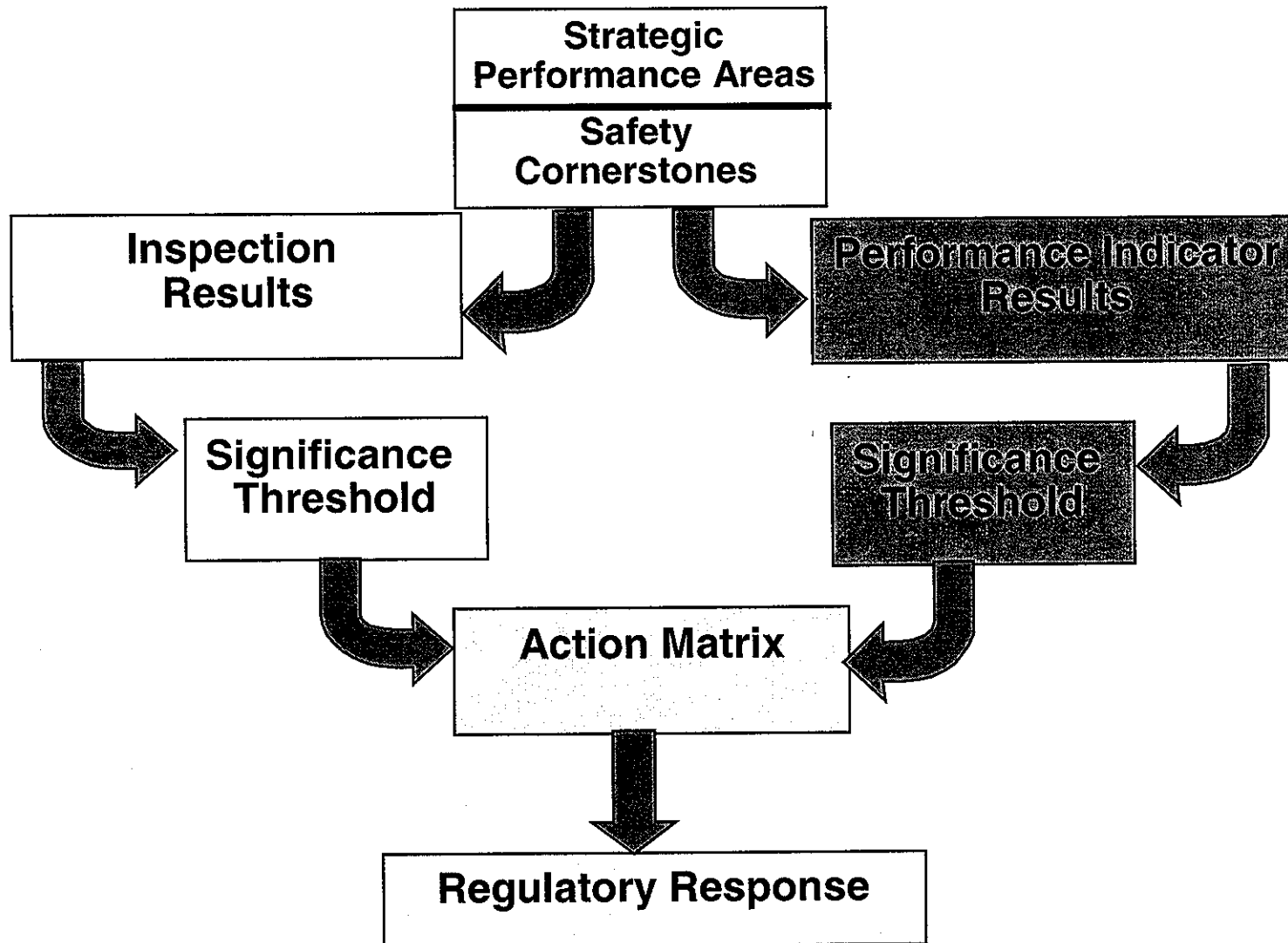
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- **Maintain safety and protect the environment**
- **Enhance public confidence**
- **Improve effectiveness, efficiency, and realism of processes and decision making**
- **Reduce unnecessary regulatory burden**

# REGULATORY FRAMEWORK



# Reactor Oversight Process



# Key Aspects of the Assessment Program

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- Objective review of licensee performance
- “Action Matrix” identifies agency response commensurate with safety significance
- Increasing safety significance results in:
  - Increased levels of inspection
  - Involvement of higher levels of NRC and Licensee management
  - Increased regulatory action
- Plant specific assessment information on NRC public web site:
  - ▶ [http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/actionmatrix\\_summary.html](http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/actionmatrix_summary.html)

# **NRC Inspection Activities in 2002**

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- Reactor head replacement
- Security interim compensatory measures
- License renewal
- Strike

# Plant Performance Summary

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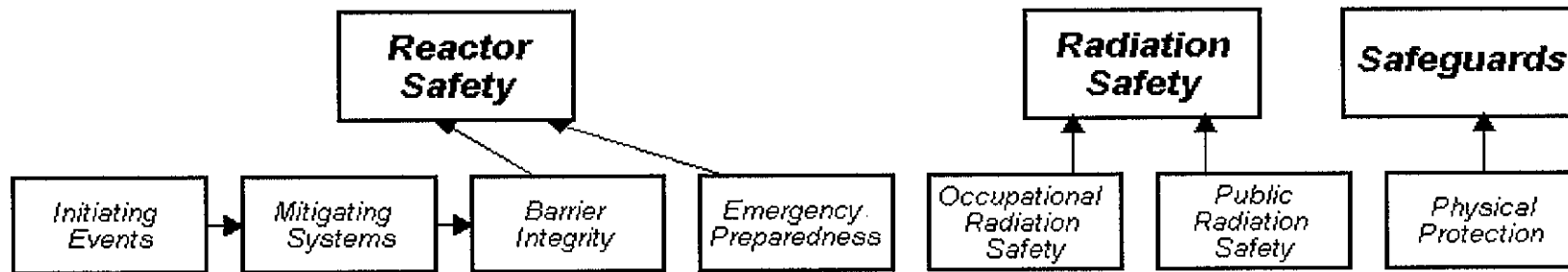
- Preserved public health and safety
- All cornerstone objectives fully met
- In Licensee Response Column for all four quarters
- All Performance Indicators and Inspection Findings were Green
- Perform baseline inspection program



# Fourth Quarter 2002 Performance Summary

## Performance Indicators

### North Anna Unit 1: Licensee Response Column



#### Performance Indicators

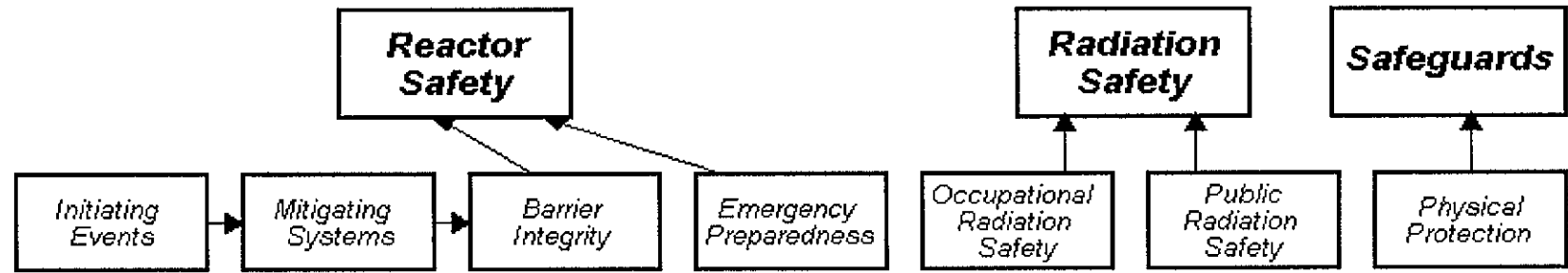
Unplanned System (C)	Emergency AC Power System Unavailability (C)	Reactor Coolant System Availability (C)	Antineutron System (C)	Occupational Exposure Control Effectiveness (C)	RESRAD Radiation Estimates (C)	Protected Area Equipment (C)
Startup With Loss of Normal Heat Removal (C)	High Pressure Injection System Unavailability (C)	Reactor Coolant System Lockout (C)	RAM (C)			Personal Security Program (C)
Unplanned Power Changes (C)	Heat Removal System Unavailability (C)		Area and Effluent System (C)			Physical Security Program (C)
	Residual Heat Removal System Unavailability (C)					
	Scrubber System Unavailability (C)					



# Fourth Quarter 2002 Performance Summary

## Performance Indicators

### North Anna Unit 2: Licensee Response Column



**Performance Indicators**

Initiating Events	Mitigating Systems	Barrier Integrity	Emergency Preparedness	Occupational Radiation Safety	Public Radiation Safety	Physical Protection
Unplanned Events (C)	Emergency AC Power System Unavailability (C)	Reactor Coolant System Activity (N)	Off-Site Response Performance (S)	Occupational Exposure Control Effectiveness (C)	Emergency Preparedness Effectiveness (C)	Protected Area Equipment (C)
Systems With Loss of Normal Heat Removal (C)	High Pressure Injection System Unavailability (C)	Reactor Coolant System Leakage (N)	ES&D Drill Participation (C)			Personnel Screening Program (C)
Unplanned Power Changes (C)	High Pressure Injection System Unavailability (C)		Alert and Notification System (C)			PPDP Personnel Reliability Program (C)
	Reactor Heat Removal System Unavailability (C)					
	Safety System Functional Failures (C)					



# ROP Action Matrix Summary for 2002

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- Column 1 - Licensee Response
- Column 2 - Regulatory Response
- Column 3 - Degraded Cornerstone
- Column 4 - Multiple/ Repetitive Degraded Cornerstone
- Column 5 - Unacceptable Performance

(Nationwide number does not contain Davis Besse)

	Column 1	Column 2	Column 3	Column 4	Column 5
Nationwide	59	33	7	3	0
Region I	9	14	2	1	0
Region II	26	4	1	1	0
Region III	11	10	2	0	0
Region IV	13	5	2	1	0

# **Security & Safeguards Update**

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- Creation of Office of Nuclear Security and Incident Response
- Top-to-Bottom Review of Security Program Initiated
- Issuance of Orders/ Interim Compensatory Measures (ICM)
- Verification of Licensee Actions on ICM

# **Security & Safeguards Update**

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- Proposed Revisions to Design Basis Threat
- Pending Orders on Fatigue/Guard Training
- Initiation of Pilot Force-on-Force Exercise Program

# Contacts for additional information for:

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## North Anna Power Station

- Regional Public Affairs Officer:
  - ▶ Name: Kenneth M. Clark
  - ▶ Phone: 404-562-4416
  
- State Liaison Officer:
  - ▶ Name: Robert E. Trojanowski
  - ▶ Phone: 404-562-4427
  
- Branch Chief:
  - ▶ Name: Kerry D. Landis
  - ▶ Phone: 404-562-4510
  
- Senior Resident Inspector:
  - ▶ Name: Michael J. Morgan
  - ▶ Phone: 540-894-5421



# 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
  
- General information or questions
  - ▶ [www.nrc.gov](http://www.nrc.gov)
  - ▶ Select “What We Do” for Public Affairs

# Regional Organization

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# Regional Organization

