

# **Annual Assessment Meeting Brunswick Steam Electric Plant**

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**Nuclear Regulatory Commission  
April 14, 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

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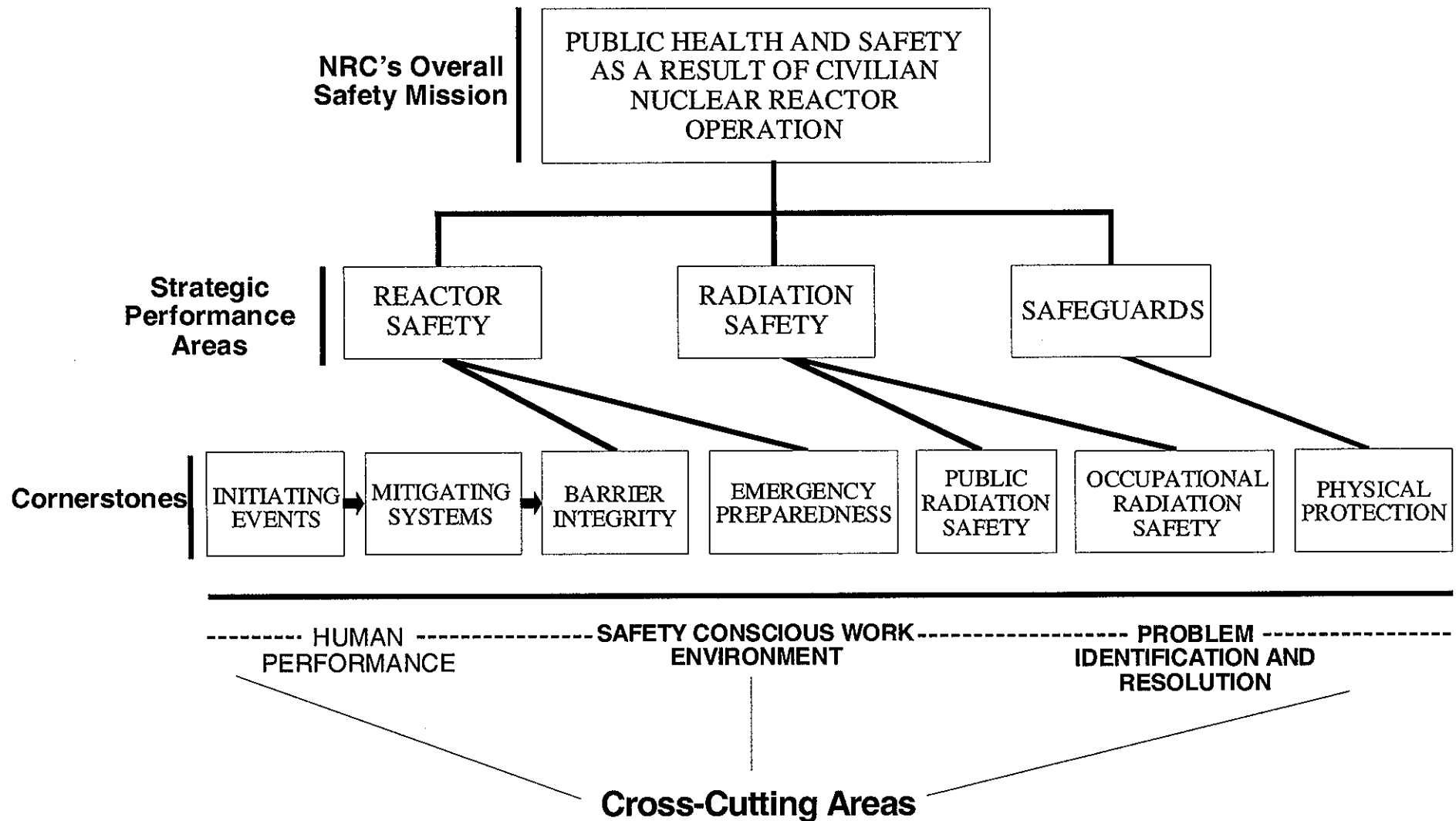
- Proposed Revisions to Design Basis Threat
- Pending Orders on Fatigue/Guard Training
- Initiation of Pilot Force-on-Force Exercise Program

# **NRC Performance Goals**

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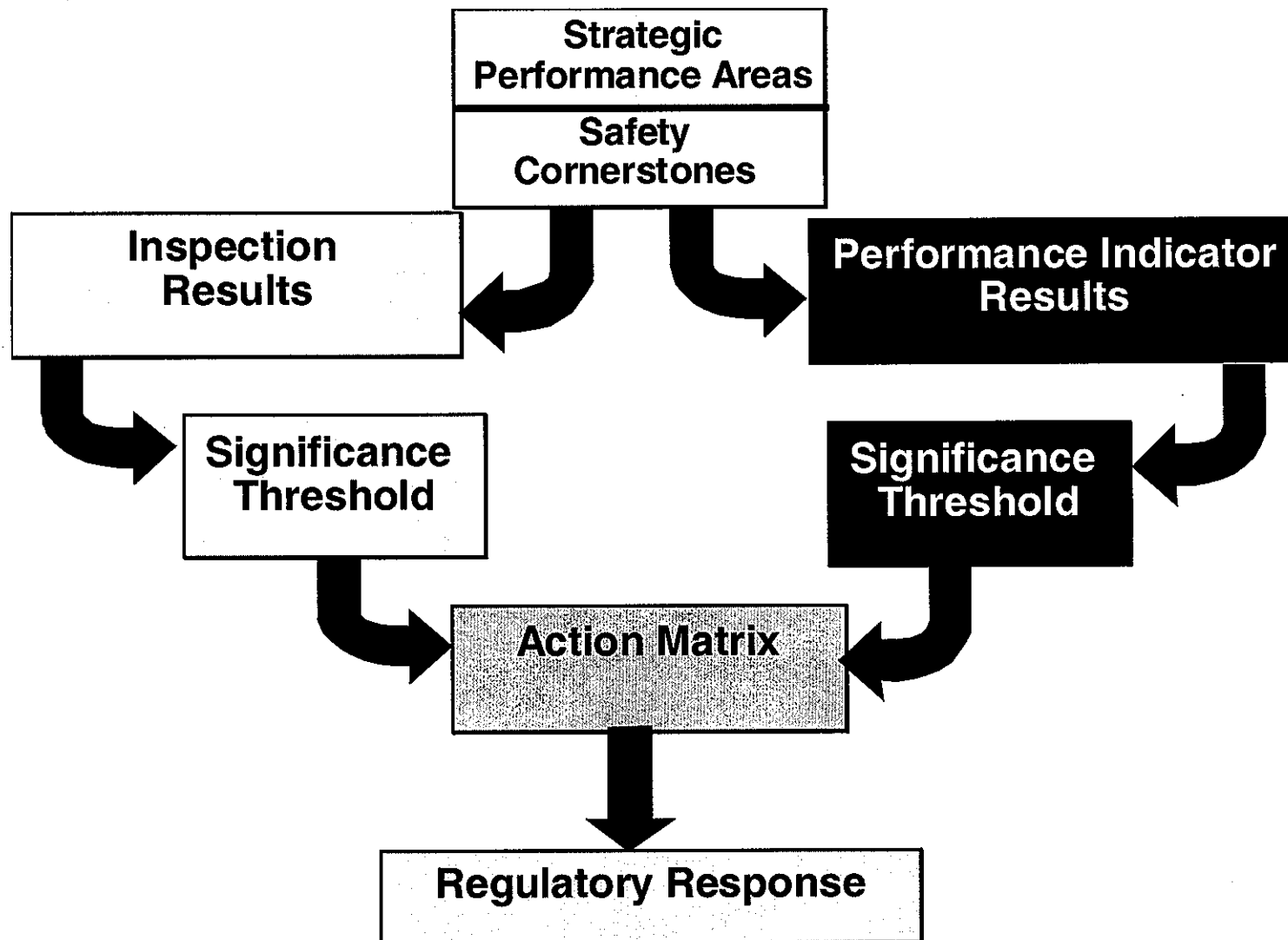
- Maintain safety and protect the environment
- Enhance public confidence
- Improve effectiveness, efficiency, and realism of processes and decision making
- Reduce unnecessary regulatory burden

# REGULATORY FRAMEWORK



# Reactor Oversight Process

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# **Key Aspects of the Assessment Program**

- 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)



# Action Matrix

		Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/ Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
<b>RESULTS</b>		All Assessment Inputs (Performance Indicators (PIs) and Inspection Findings) Green; Cornerstone Objectives Fully Met	One or Two White Inputs (in different cornerstones) in a Strategic Performance Area; Cornerstone Objectives Fully Met	One Degraded Cornerstone (2 White Inputs or 1 Yellow Input) or any 3 White Inputs in a Strategic Performance Area; Cornerstone Objectives Met with Moderate Degradation in Safety Performance	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or 1 Red Input; Cornerstone Objectives Met with Longstanding Issues or Significant Degradation in Safety Performance	Overall Unacceptable Performance; Plants Not Permitted to Operate Within this Band, Unacceptable Margin to Safety
<b>RESPONSE</b>	Regulatory Performance Meeting	None	Branch Chief (BC) or Division Director (DD) Meet with Licensee	DD or Regional Administrator (RA) Meet with Licensee	RA (or EDO) Meet with Senior Licensee Management	Commission meeting with Senior Licensee Management
	Licensee Action	Licensee Corrective Action	Licensee root cause evaluation and corrective action with NRC Oversight	Licensee cumulative root cause evaluation with NRC Oversight	Licensee cumulative root cause evaluation with consideration of a Performance Improvement Plan with NRC Oversight	
	NRC Inspection	Risk-Informed Baseline Inspection Program	Baseline and supplemental inspection procedure 95001	Baseline and supplemental inspection procedure 95002	Baseline and supplemental inspection procedure 95003	
	Regulatory Actions <sup>1</sup>	None	Supplemental inspection only	Supplemental inspection only	-10 CFR 2.204 DFI -10 CFR 50.54(f) Letter - CAL/Order	Order to Modify, Suspend, or Revoke Licensed Activities
<b>COMMUNICATION</b>	Assessment Letters	BC or DD review/sign assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan)	
	Annual Public Meeting	SRI or BC Meet with Licensee	BC or DD Meet with Licensee	RA (or DD) Discuss Performance with Licensee	RA or EDO Discuss Performance with Senior Licensee Management	
	Commission Involvement	None	None	None	Plant discussed at AARM	Commission Meeting with Senior Licensee Management
INCREASING SAFETY SIGNIFICANCE ----->						

Note 1: The regulatory actions for plants in the Multiple/Repetitive Degraded Cornerstone column are not mandatory agency actions. However, the regional office should consider each of these regulatory actions when significant new information regarding licensee performance becomes available.

# **BRUNSWICK PLANT**

## **NRC Inspection Activities in 2002**

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- Security interim compensatory measures
- Baseline inspection

# **BRUNSWICK PLANT**

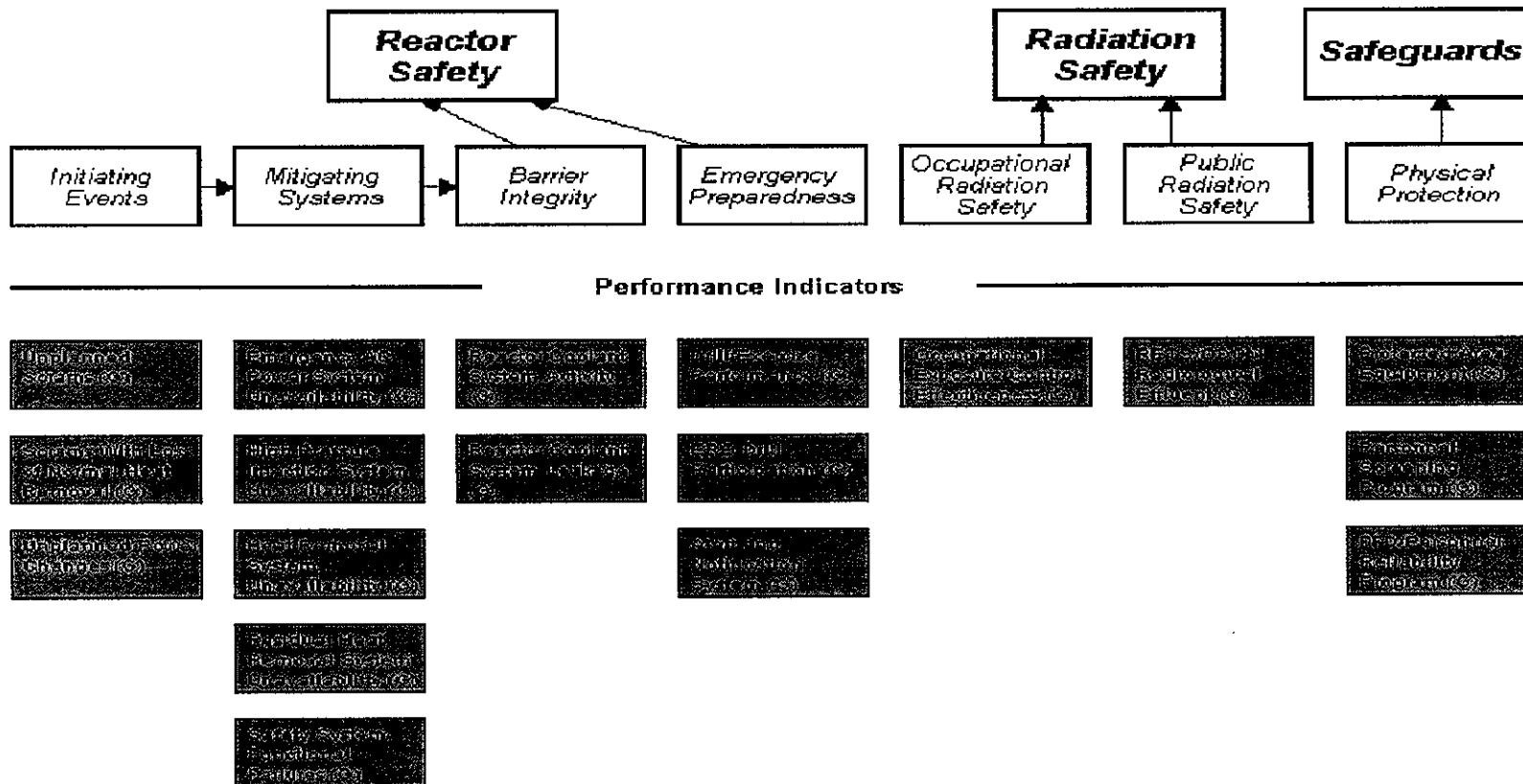
## **Performance Summary**

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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

[illegible]

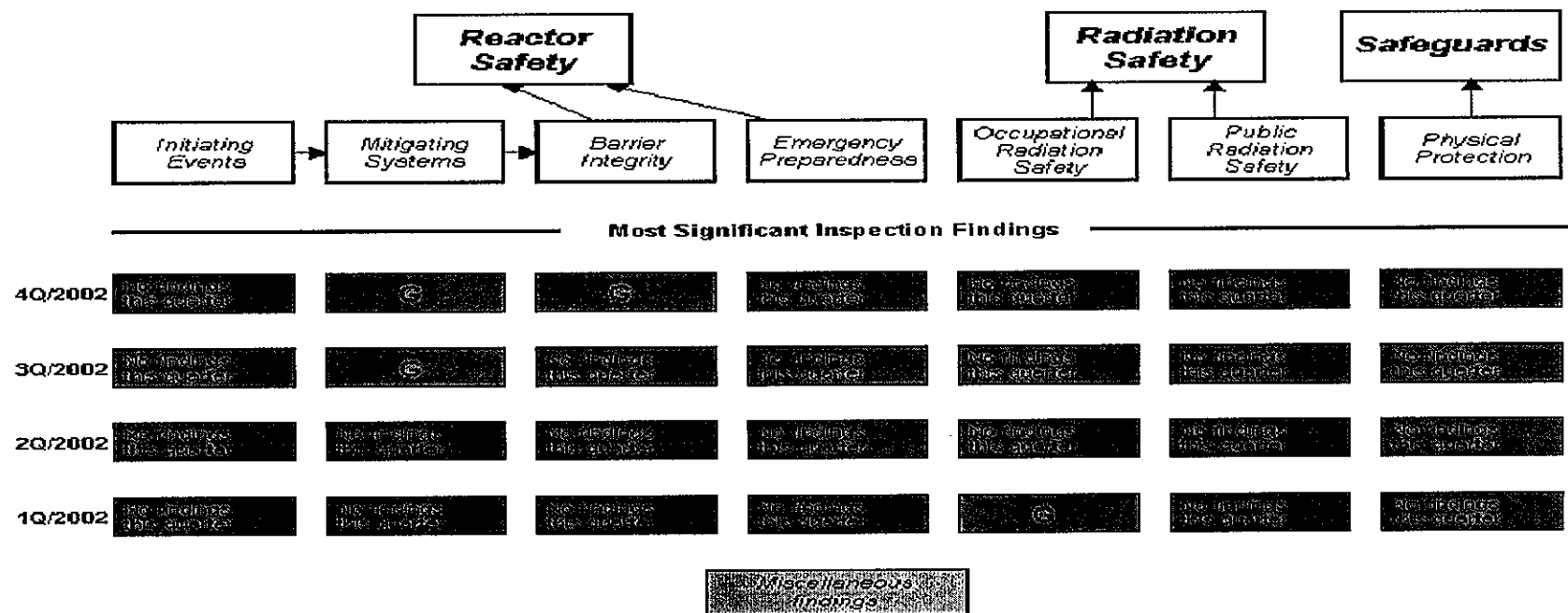
## Brunswick Unit 1 : Licensee Response Column



# Year 2002 Performance Summary

## Inspection Findings

### Brunswick Unit 1 : Licensee Response Column



#### ◆ Assessment Reports/Inspection Plans:

4Q/2002

3Q/2002

2Q/2002

1Q/2002

#### ◆ Cross Reference Of Assessment Reports

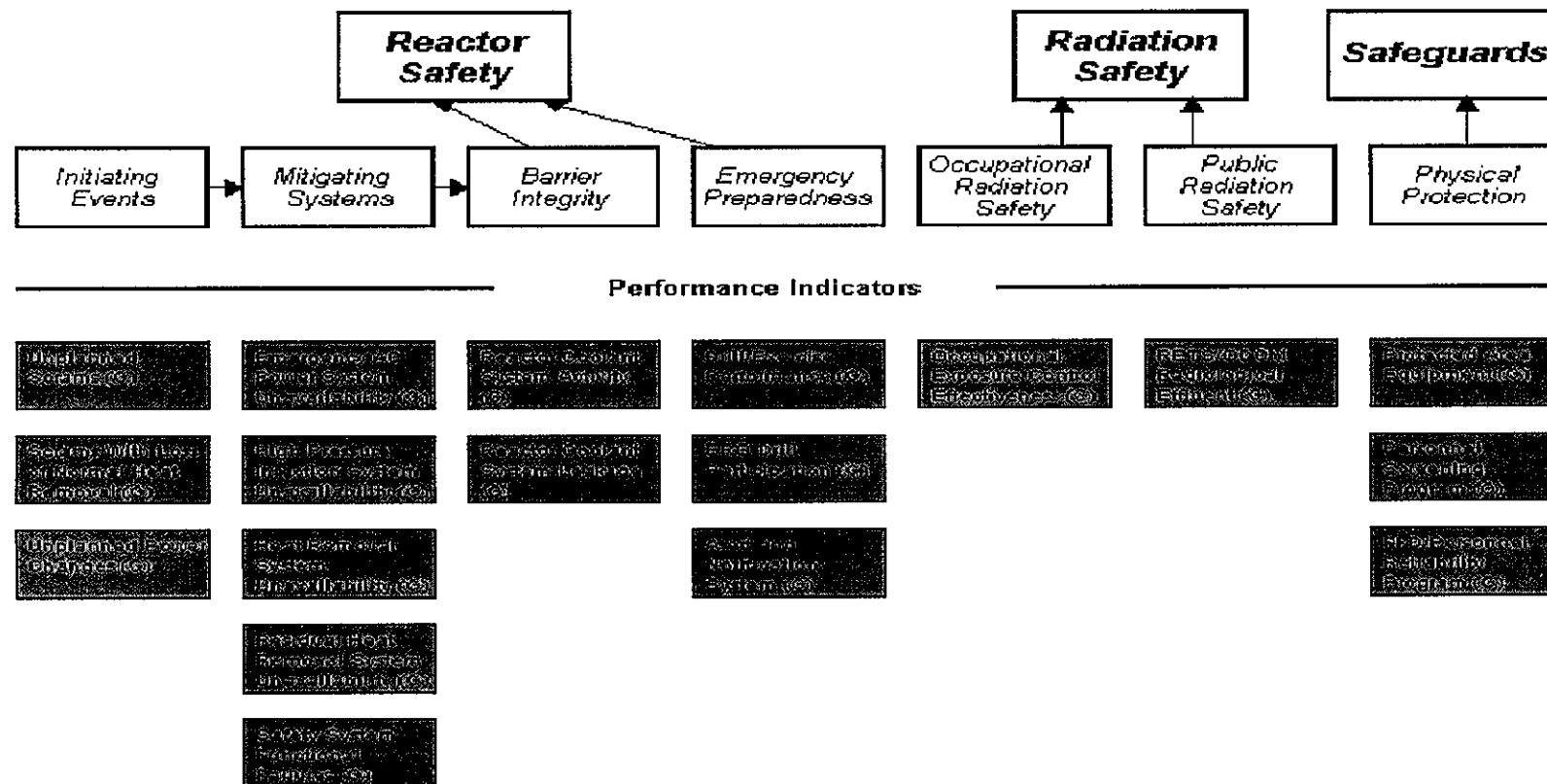
#### ◆ List of Inspection Reports

#### ◆ List of Assessment Letters/Inspection Plans

# End-of-Year 2002 Performance Summary

## Performance Indicators

## Brunswick Unit 2 : Licensee Response Column



**Last Modified:** January 30, 2003

# Year 2002 Performance Summary

## Inspection Findings

### Brunswick Unit 2 : Licensee Response Column



#### Most Significant Inspection Findings

	Reactor Safety	Reactor Safety	Reactor Safety	Reactor Safety	Radiation Safety	Radiation Safety	Safeguards
4Q/2002	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
3Q/2002	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
2Q/2002	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
1Q/2002	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter

Miscellaneous  
findings

#### Additional Inspection & Assessment Information

##### ◆ Assessment Reports/Inspection Plans:

4Q/2002

3Q/2002

2Q/2002

1Q/2002

##### ◆ Cross Reference Of Assessment Reports

##### ◆ List of Inspection Reports

##### ◆ List of Assessment Letters/Inspection Plans

# ROP Action Matrix Summary for 2002

- 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



# **Contacts for additional information for:**

## **Brunswick Nuclear Plant**

- **Regional Public Affairs Officer:**

- **Name: Kenneth M. Clark**
- **Phone: 404-562-4416**
- **E-mail: [kmc2@nrc.gov](mailto:kmc2@nrc.gov)**

- **State Liaison Officer:**

- **Name: Robert E. Trojanowski**
- **Phone: 404-562-4427**
- **E-mail: [ret@nrc.gov](mailto:ret@nrc.gov)**

- **Branch Chief:**

- **Name: Paul E. Fredrickson**
- **Phone: 404-562-4530**

- **Acting Senior Resident Inspector:**

- **Name: Kathy Weaver**
- **Phone: 910-457-9531**

# 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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## OFFICE OF THE REGIONAL ADMINISTRATOR

ADMINISTRATOR L. A. Reyes  
DEPUTY B. S. Mallett

## OFFICE OF THE ADMINISTRATOR STAFF

### DIVISION OF RESOURCE MANAGEMENT AND ADMINISTRATION

DIR., G. Benoit

### DIVISION OF REACTOR PROJECTS

DIR., L. R. Plisco  
DEPUTY V. M. McCree

### DIVISION OF REACTOR SAFETY

DIR., C. A. Casto  
DEPUTY H. O. Christensen

### DIVISION OF NUCLEAR MATERIALS SAFETY

DIR., D. M. Collins

# Regional Organization

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## DIVISION OF REACTOR PROJECTS

Director  
Deputy Director

L. R. Plisco  
V. M. McCree

### Projects Branch 1

Chief  
R. C. Haag

Catawba      Oconee  
McGuire

### Projects Branch 3

Chief  
J. T. Munday

Crystal River      St. Lucie  
Turkey Point

### Projects Branch 5

Chief  
K. D. Landis

North Anna      Summer  
Surry

### Projects Branch 2

Chief  
B. R. Bonser

Farley      Hatch  
Vogtle

### Projects Branch 4

Chief  
P. E. Fredrickson

Brunswick      Harris  
Robinson

### Projects Branch 6

Chief  
S. J. Cahill

Browns Ferry      Sequoyah  
Watts Bar