

# Annual Assessment Meeting McGuire Nuclear Station

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Nuclear Regulatory Commission  
April 4, 2003

# **Annual Licensee Assessment Meeting**

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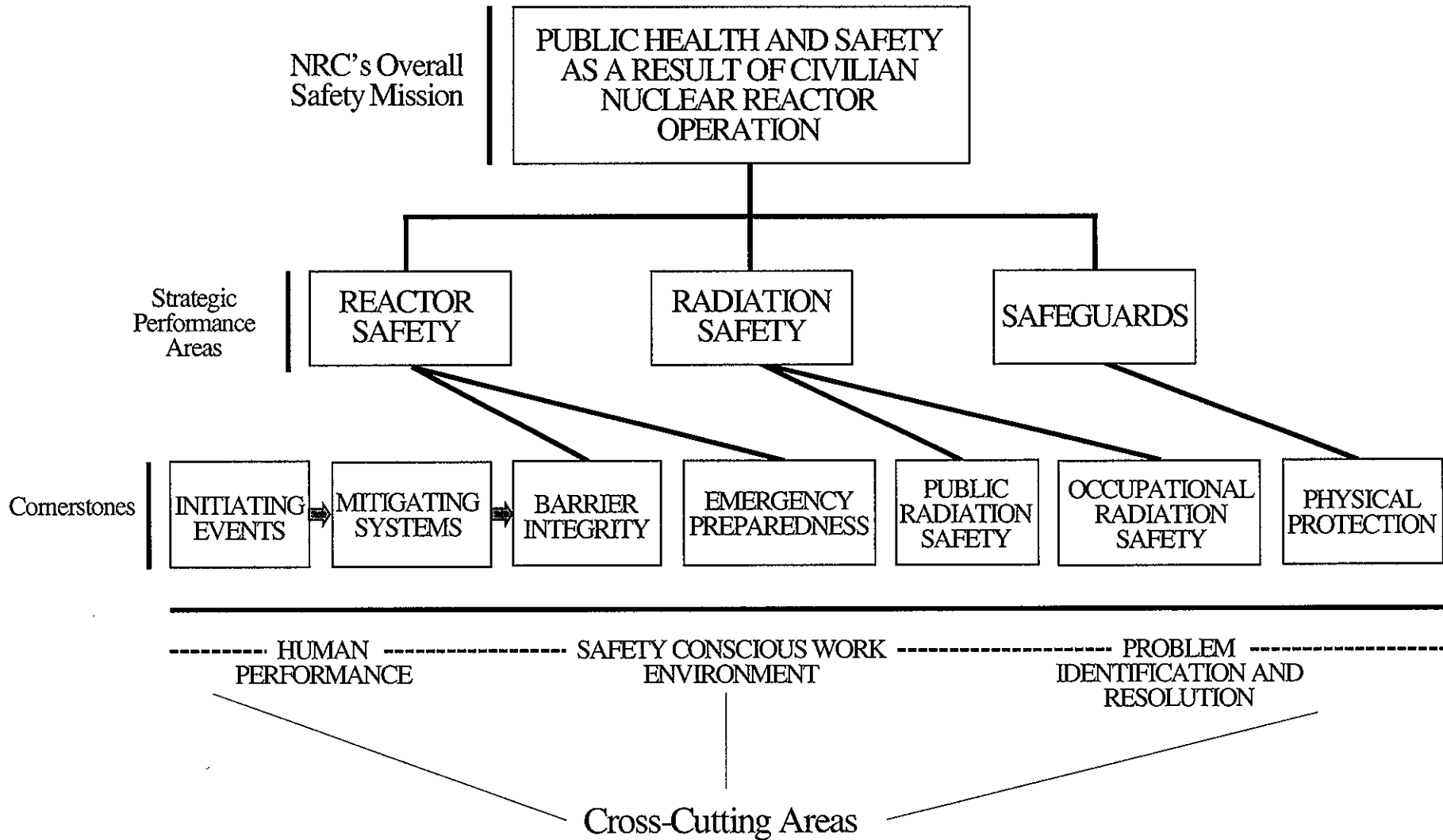
- A public forum for discussion of the licensee's performance as outlined in the NRC's Annual Assessment Letter
- Provide licensee with an opportunity to respond to the information in the Assessment Letter

# **NRC Performance Goals**

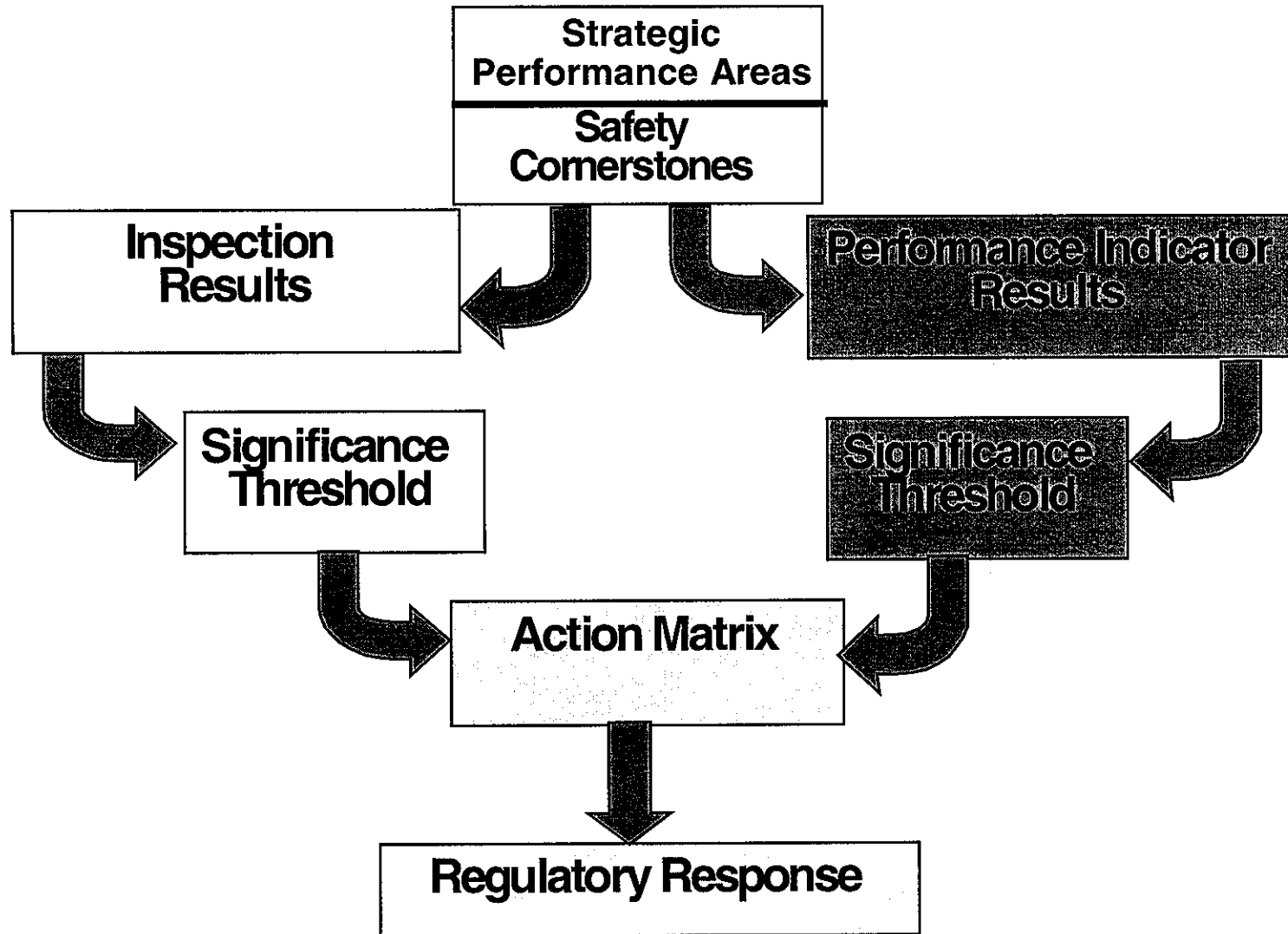
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- **Maintain safety and protect the environment**
- **Enhance public confidence**
- **Improve effectiveness, efficiency, and realism of processes and decision making**
- **Reduce unnecessary regulatory burden**

# Exhibit 1: 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)

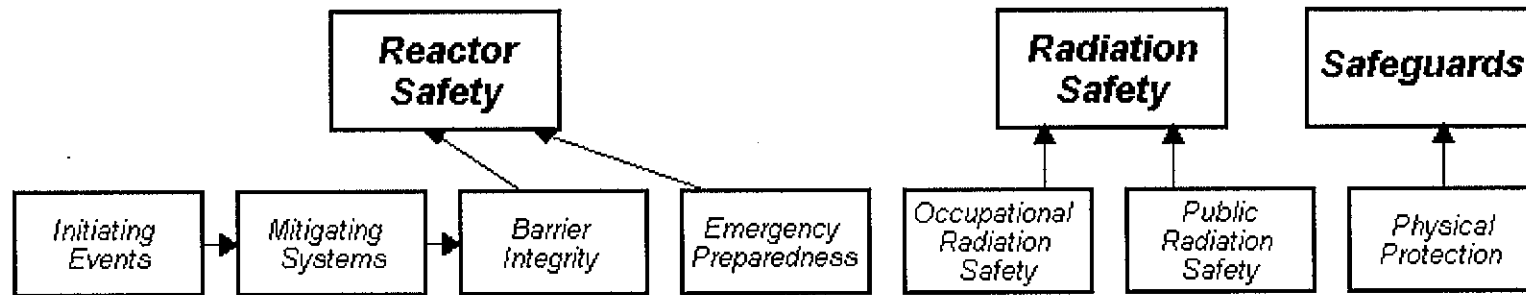
# **NRC Inspection Activities in 2002**

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- Base Line
- Reactor Pressure Vessel Head and Penetration Nozzles
- Security Interim Compensatory Measures (partial)
- License Renewal
- Problem Identification & Resolution
- Safety System Design and Performance Capability
- Independent Spent Fuel Storage Installation

# Fourth Quarter 2002 Performance Summary Performance Indicators

## UNIT 1



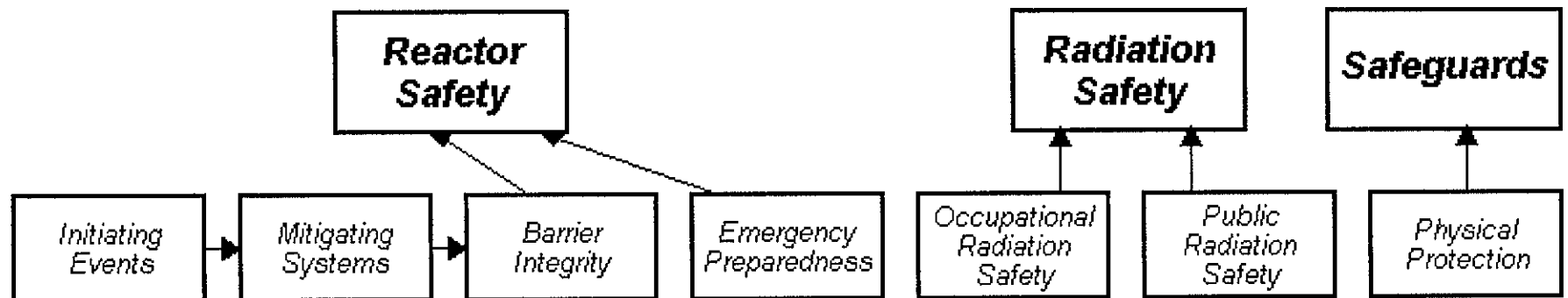
### Performance Indicators

Equipment Surveys (C)	Emergency AC Power System Availability (C)	Reactor Coolant System Activity (C)	Indicators Performance (C)	Occupational Exposure Limits (Streamlined) (C)	Radiation Background Situation (C)	Protected Area Environment (C)
Scrams With Loss of Normal Heat Removal (C)	High Pressure Injection System Availability (C)	Reactor Coolant System Leaks (C)	ESD Drill Participation (C)			Personnel Screening Program (C)
Unplanned Power Changes (C)	Heat Removal System Unavailability (C)		Alert and Qualification Program (C)			TRM Personnel Reliability Program (C)
	Residual Heat Removal System Unavailability (C)					
	Safety System Functional Failures (C)					



# YEAR 2002 Performance Summary Most Significant Inspection Findings

## UNIT 1

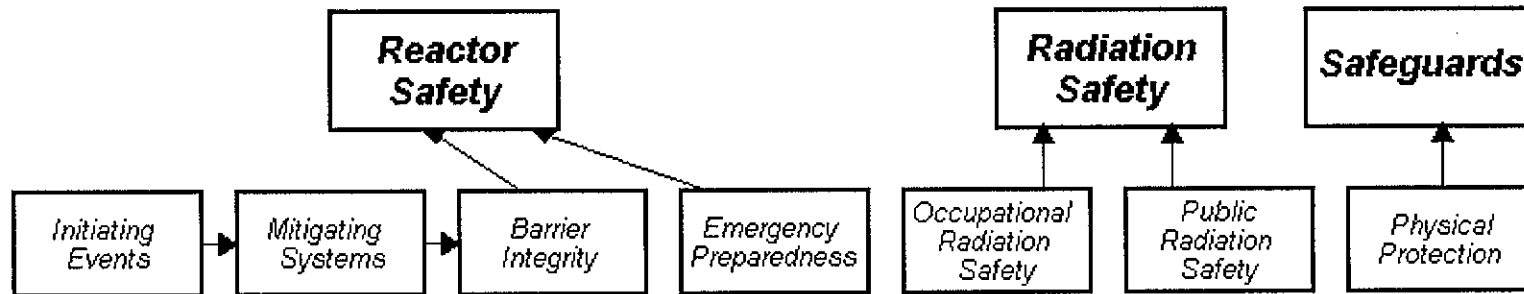


### Most Significant Inspection Findings

	Initiating Events	Mitigating Systems	Barrier Integrity	Emergency Preparedness	Occupational Radiation Safety	Public Radiation Safety	Physical Protection
4Q/2002	No findings this quarter	C	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	C	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	C	No findings this quarter	No findings this quarter	No findings this quarter	C	No findings this quarter	No findings this quarter

# Fourth Quarter 2002 Performance Summary Performance Indicators

## UNIT 2

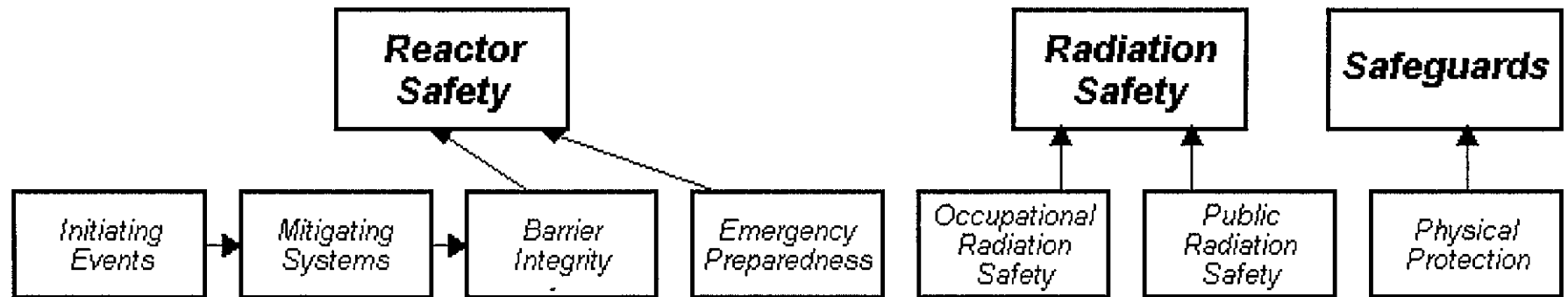


### Performance Indicators

Unplanned Swerves (C)	Emergency Air Purge System Availability (C)	Reactor Control System Availability (C)	Grid/Electrical Performance (C)	Occupational Exposure Control Effectiveness (C)	RETRAD (C) Radiological Effluents (C)	Protected Area Equipment (C)
Steam with Loss of Normal Heat Removal (C)	High Pressure Injection System Availability (C)	Reactor Coolant System Leakage (C)	RFN Salt Participation (C)			Personnel Screening Program (C)
Unplanned Power Changes (C)	Heat Removal System Availability (C)		Alarm and Notification System (C)			RETRAD Personal Reliability Program (C)
	Radical Heat Removal System Availability (C)					
	Safety System Purge/vent Failures (C)					

# YEAR 2002 Performance Summary Most Significant Inspection Findings

## UNIT 2



### Most Significant Inspection Findings

	Initiating Events	Mitigating Systems	Barrier Integrity	Emergency Preparedness	Occupational Radiation Safety	Public Radiation Safety	Physical Protection
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	C	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	C	C	No findings this quarter	No findings this quarter	C	No findings this quarter	No findings this quarter

# **Greater than GREEN Findings and PIs (Details)**

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- **All Findings and PIs Were Green**

# 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

# **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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## **McGuire Nuclear Station**

- **Regional Public Affairs Officer:**
  - ▶ Name: Kenneth Clark
  - ▶ Phone: (404) 562 - 4416
  
- **State Liaison Officer:**
  - ▶ Name: Robert Trojanowski
  - ▶ Phone: (404) 562 - 4427
  
- **Branch Chief:**
  - ▶ Name: Robert Haag
  - ▶ Phone: (404) 562 - 4550
  
- **Senior Resident Inspector:**
  - ▶ Name: Scott Shaeffer (Joe Brady as of 6/2003)
  - ▶ Phone: (704) 875 - 1681



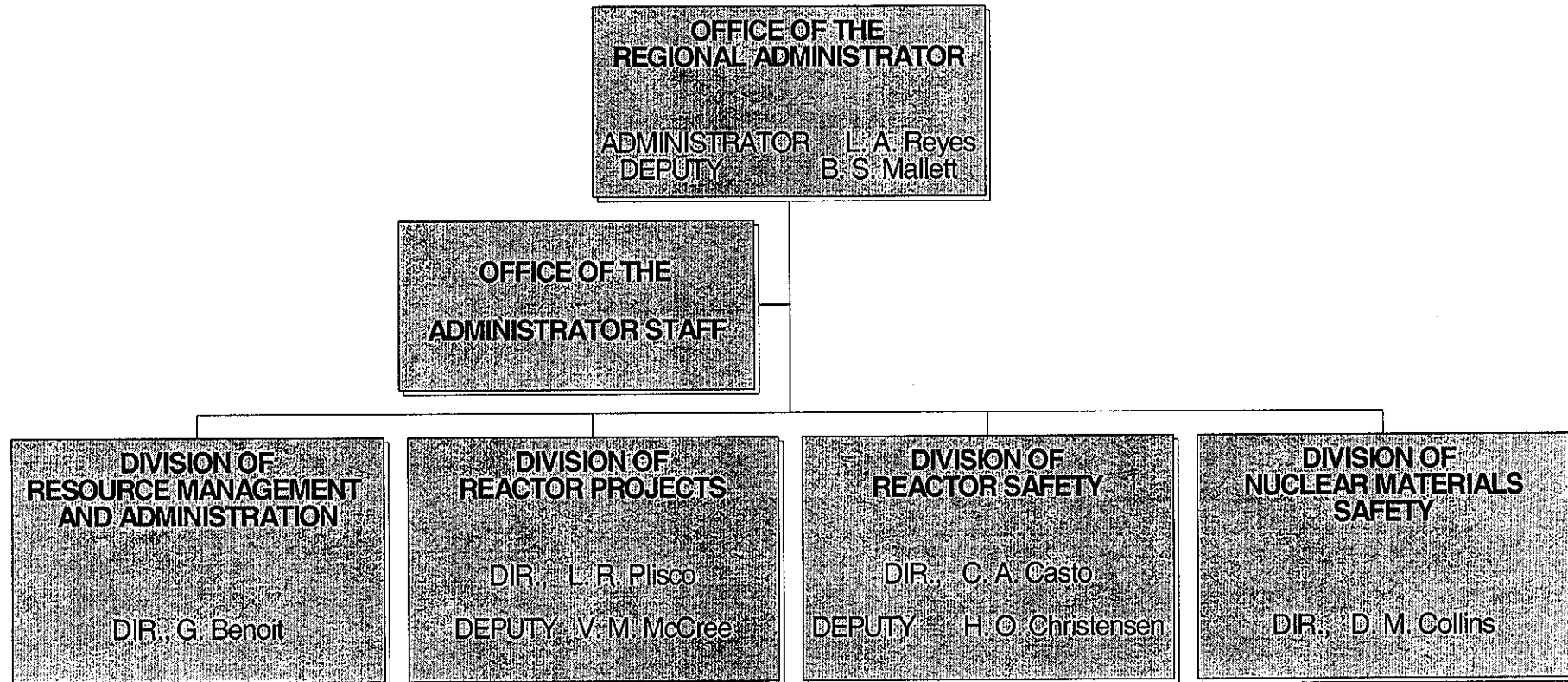
# Contacting the NRC

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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

