

# **Annual Assessment Meeting Catawba Nuclear Station**

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Nuclear Regulatory Commission  
April 15, 2003

# **Annual Licensee Assessment Meeting**

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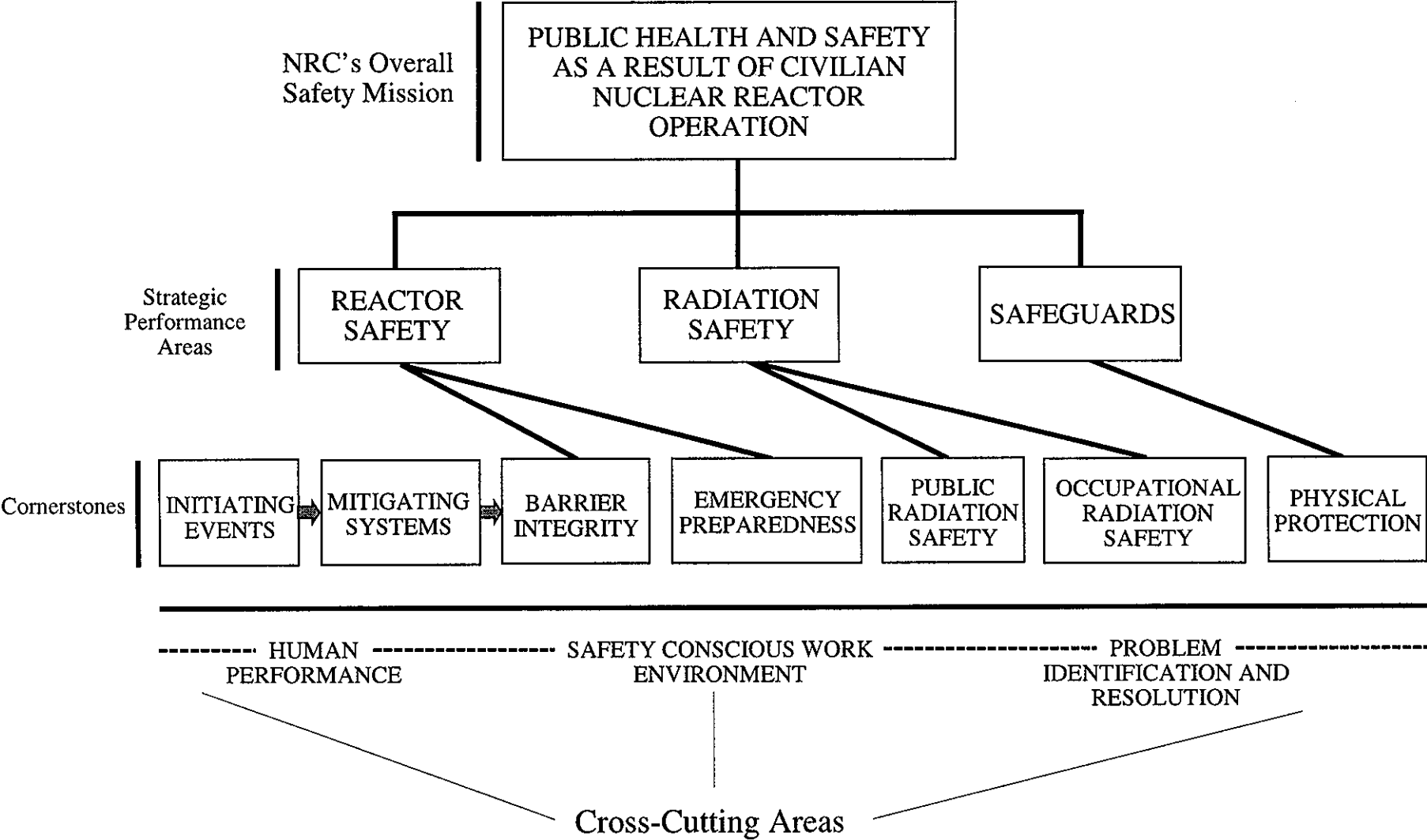
- A public forum for discussion of the licensee's performance as outlined in the NRC's Annual Assessment Letter
- Provide licensee with an opportunity to respond to the information in the Assessment Letter

# **NRC Performance Goals**

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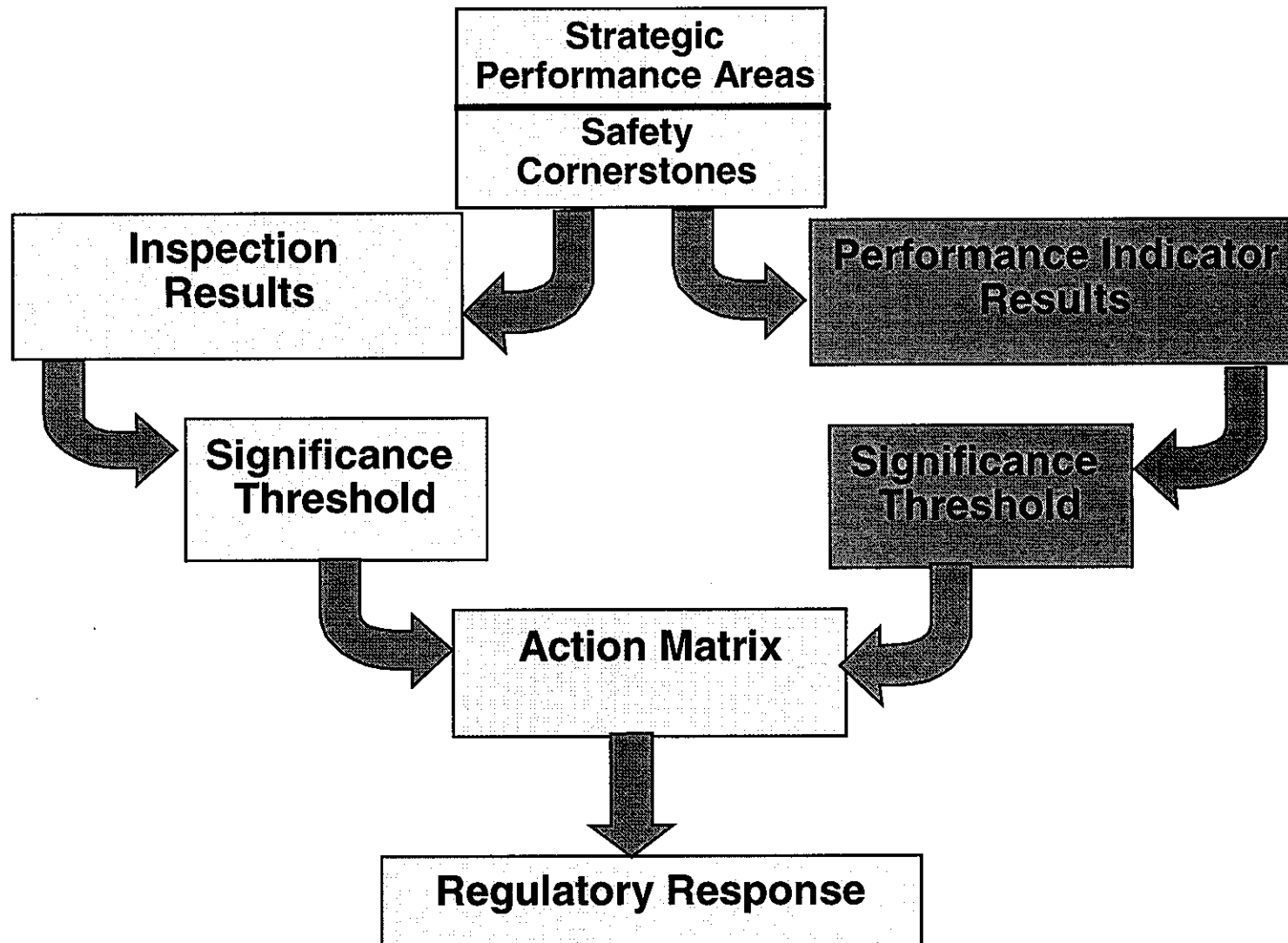
- **Maintain safety and protect the environment**
- **Enhance public confidence**
- **Improve effectiveness, efficiency, and realism of processes and decision making**
- **Reduce unnecessary regulatory burden**

Exhibit 1: REGULATORY FRAMEWORK



# Reactor Oversight Process

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# **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)**

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# **NRC Inspection Activities in 2002**

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- Base Line
- Reactor Pressure Vessel Head and Penetration Nozzles
- Security Interim Compensatory Measures
- License Renewal
- Problem Identification & Resolution
- Safety System Design and Performance Capability



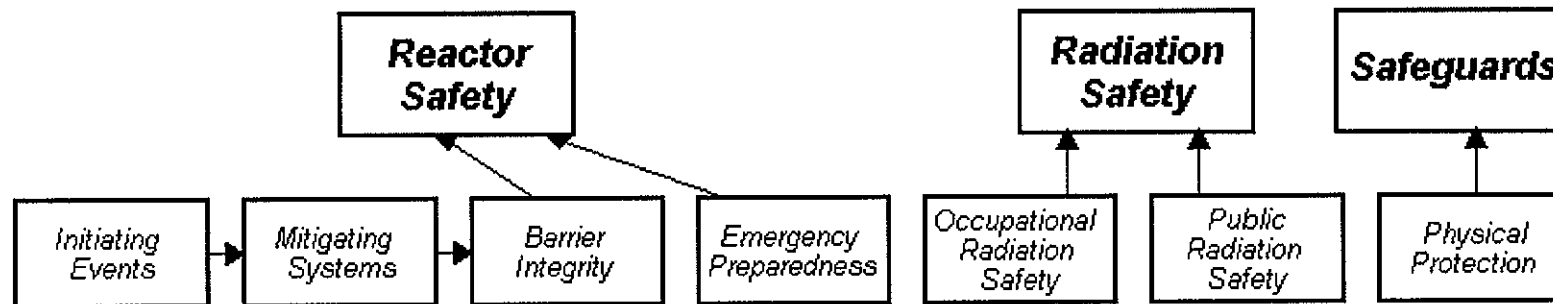
# **Plant Performance Summary**

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- **Public Health and Safety Preserved**
- **Cornerstone Objectives Fully Met**
- **All PIs & Findings Green**
- **Both Units in Licensee Response Column**

# Fourth Quarter 2002 Performance Summary Performance Indicators

## UNIT 1



### Performance Indicators

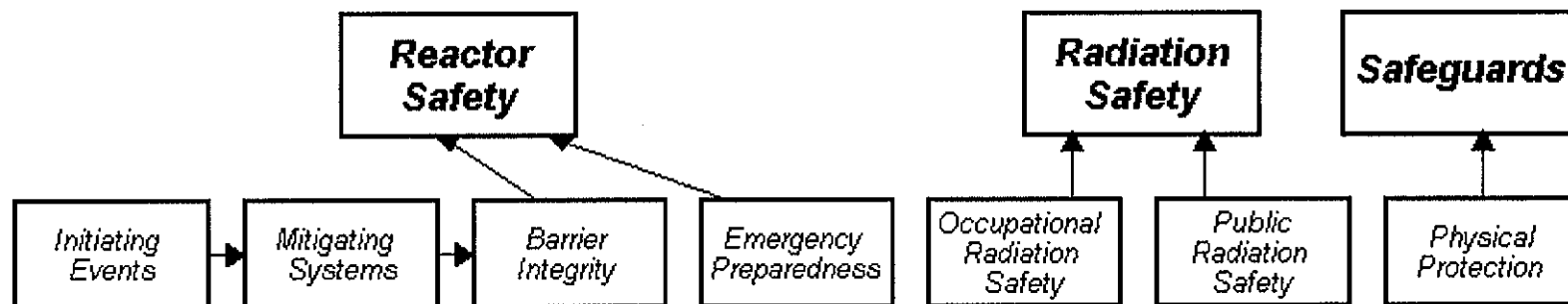
Unplanned Scrams (C)	Emergency Air Purge System Operational (C)	Emergency Cooling System Availability (C)	Emergency Cooling System Performance (C)	Occupational Exposure Control Performance (C)	Residential Radiation Exposure (C)	Physical Area Exposure (C)
Scrams With Loss of Normal Heat Removal (C)	High Pressure Injection System Operational (C)	Emergency Cooling System (C)	Emergency Cooling System (C)			Personnel Source Term Exposure (C)
Unplanned Power Changes (C)	Emergency Cooling System Availability (C)		Emergency Cooling System (C)			Emergency Cooling System Availability (C)
	Emergency Cooling System Availability (C)					
	Emergency Cooling System Availability (C)					

# UNIT 1

[illegible]

# Fourth Quarter 2002 Performance Summary Performance Indicators

## UNIT 2

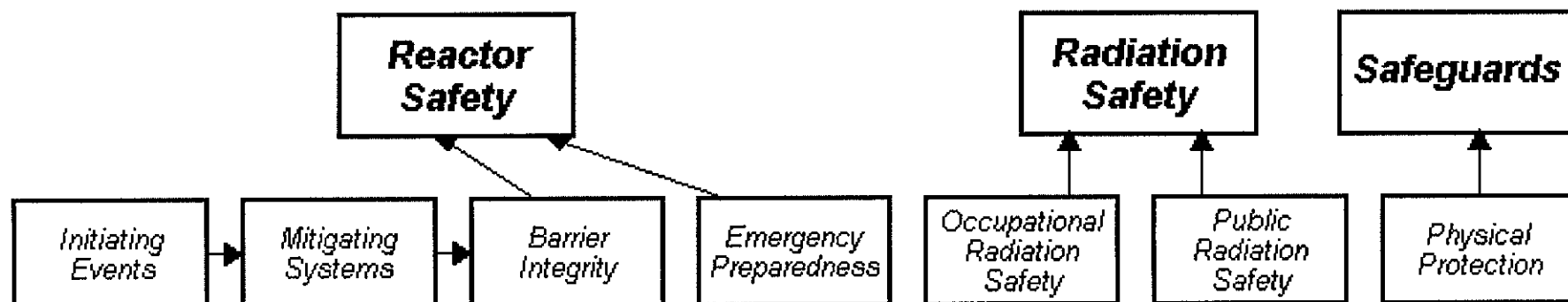


### Performance Indicators

Unplanned Shutdowns (C)	Emergency AB Injection System Availability (C)	Reactor Coolant System Availability (C)	Offsite Power Performance (C)	Occupational Exposure Control Program (C)	Removable Contaminated Equipment (C)	Protective Equipment (C)
Events Utilizing Non-Nuclear Removal (C)	High Pressure Injection System Availability (C)	Reactor Coolant System Pressure (C)	EPD Unit Performance (C)			Personnel Exposure Control (C)
Unplanned Power Shutdowns (C)	AB Removal System Availability (C)		Offsite Injection System (C)			EPD Personnel Availability Program (C)
	Emergency Removal System Availability (C)					
	AB System Availability Program (C)					

# YEAR 2002 Performance Summary Most Significant Inspection Findings

## UNIT 2



### Most Significant Inspection Findings

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

G

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

E

No findings  
this quarter

No findings  
this quarter

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

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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
  - After 9/11 need to better integrate incident response and security activities.
  - Centralized many NRC security functions into one Office (material, reactors, threat info)
  - Promote better coordination with other government agencies
- Top-to-Bottom Review of Security Program-
  - Spans all areas of NRC regulated activities
  - Includes potential rulemaking activities and vulnerability assessments



# **Security & Safeguards Update**

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- Issuance of Orders/ Interim Compensatory Measures (ICM)
  - Post 9/11 Advisories issues recommending action
  - On 2/2502 Orders issued to reactor licensee for “interim compensatory measures
- Verification of Licensee Actions on ICM
  - Initial and Follow up audits of ICM for CATAWBA in Fall 02

# **Security & Safeguards Update**

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- Proposed Revisions to Design Basis Threat
  - Based on current threat, DBT is being revised
- Pending Orders on Fatigue/Guard Training
  - Will limit hour/week
  - Chg to 10CRF 73 on trng req't
- Initiation of Pilot Force-on-Force Exercise Program

# **Contacts for additional information for:**

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## **Catawba 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: Eugene Guthrie
  - ▶ Phone: (803) 831 - 2963

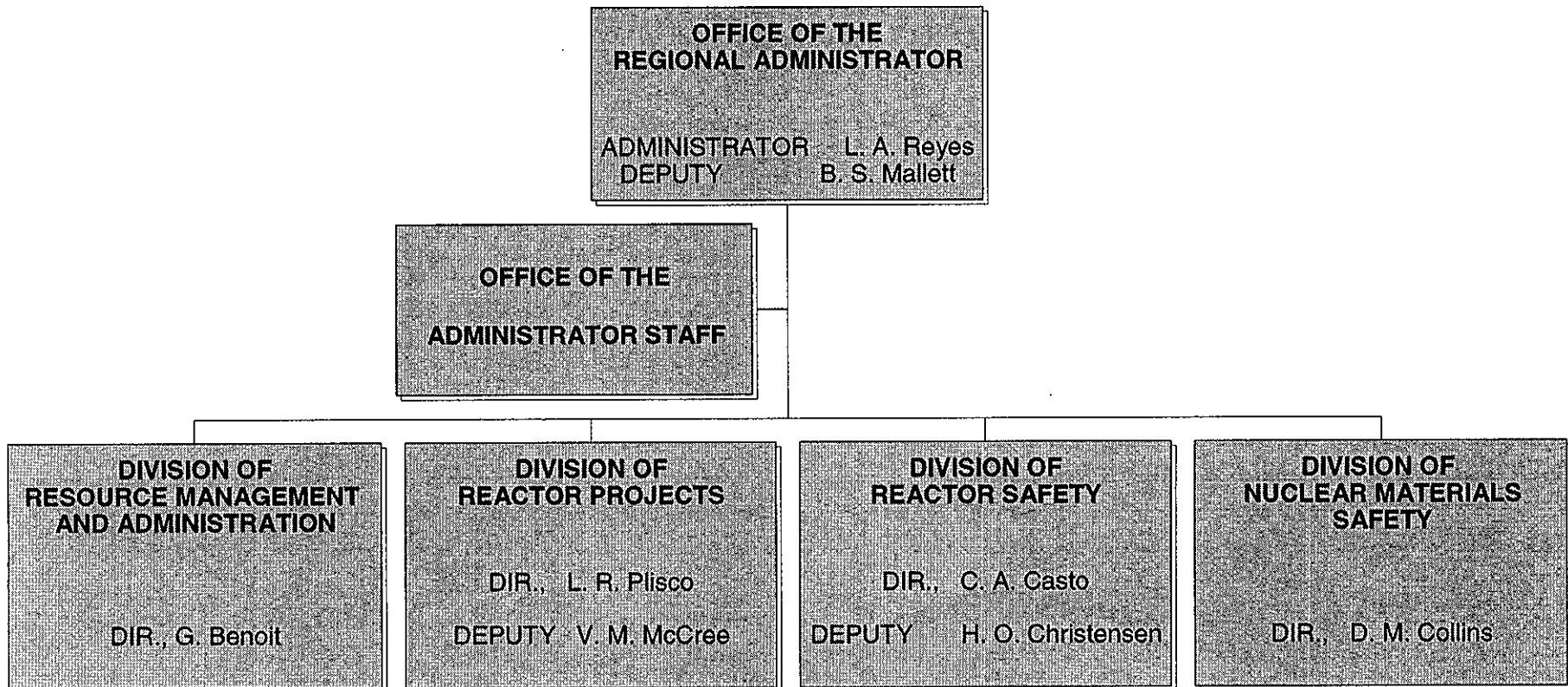
# Contacting the NRC

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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

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