



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

APR 17 2002

William A. Eaton, Vice President
Operations - Grand Gulf Nuclear Station
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, Mississippi 39150

SUBJECT: ANNUAL PERFORMANCE ASSESSMENT MEETING FOR GRAND GULF
NUCLEAR STATION

Dear Mr. Eaton:

This refers to the meeting conducted in Port Gibson, Mississippi, on April 11, 2002, to discuss the safety performance at Grand Gulf Nuclear Station between April 1 and December 31, 2001.

Topics discussed during the meeting included the Reactor Oversight Process, the safety performance at Grand Gulf Nuclear Station, and other topics that may have been of interest to the local area residents. Members of the public present at the meeting were allowed to ask questions and comment on the proceedings.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

David N. Graves, Chief
Project Branch B
Division of Reactor Projects

Docket: 50-416
License: NPF-29

Enclosures:

1. Attendance List
2. Presentation Slides

Entergy Operations, Inc.

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cc:

Executive Vice President
and Chief Operating Officer
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General Manager
Grand Gulf Nuclear Station
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Port Gibson, Mississippi 39150

The Honorable Richard Ieyoub
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Office of the Governor
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Jackson, Mississippi 39201

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Frank Spencer, Asst. Attorney General
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State Health Officer
State Board of Health
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Port Gibson, Mississippi 39150

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Claiborne County Tax
Assessor/Collector
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Town of Port Gibson
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Port Gibson, Mississippi 39150

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Mississippi Emergency
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P.O. Box 217
St. Joseph, Louisiana 71366

Alex Davis, Mayor
City of Newellton
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Rick Foster, Director
Tensas Office of Emergency Preparedness
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St. Joseph, Louisiana 71366

Mike Henry
State Liaison Officer
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Federal Emergency Management
Agency, Region IV
ATTN: Kenneth O. Burris, Jr.
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3003 Chamblee Tucker Road
Atlanta, Georgia 30341

Entergy Operations, Inc.

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Col. Michael Brown
Assistant Director
Military Department
Office of Emergency Preparedness
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Baton Rouge, Louisiana 70804

Federal Emergency Management
Agency, Region VI
ATTN: Ron Castleman, Regional Director
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Denton, Texas 76201-3698

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William Moore
Supervisor, District 3
P.O. Box 645
Port Gibson, Mississippi 39150

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations, Inc./Grand Gulf Nuclear Station
DATE/TIME	April 11, 2002; 5:30 p.m.
LOCATION	Claiborne County Civil Defense Center
NAME (PLEASE PRINT)	ORGANIZATION
DAVID GRAVES	NRC
Tim Hoeg	NRC
Dakin McKay	Grand Gulf
J. BRAD EDWARDS	GRAND GULF GMPO GMPO
W.D. Johnson	NRC
Richard Deese	NRC
Mary Ann Spang	NRC
Bobbi M. Young	PH/CC Civil Defense
FRED GUYNN	GRAND GULF
Charles Bottemiller	Grand Gulf
Sam Knowlton	Vicksburg Post
Charlie Norrell Sr	Supervisor Claiborne Co.
Jo Smith	Cl. Co. Public Schools

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DATE/TIME	April 11, 2002; 5:30 p.m.
LOCATION	Claiborne County Civil Defense Center
NAME (PLEASE PRINT)	ORGANIZATION
<i>Em L. Wade</i>	<i>Port Dubon Power</i>
<i>Martha Lett</i>	<i>Board of Supervision</i>
<i>G.C. Sarno</i>	<i>P. Citizen</i>
<i>Hucky Furpera</i>	<i>LOEP</i>
<i>Charles Shaw</i>	<i>Claiborne Co Board of Supu.</i>
<i>Albert Butler</i>	<i>Claiborne Co B.O.S.</i>

ANNUAL ASSESSMENT MEETING



**Nuclear Regulatory Commission
Region IV**

NRC Meeting Guidelines

- **Meeting with Licensee**
- **Inform Public of Plant Performance**



NRC Meeting Guidelines

- **Registration Table**
- **Questions and Answers**
- **Handouts**
- **Feedback Forms**



Meeting Agenda

- **REGULATORY OVERSIGHT**
- **FINDINGS AND ASSESSMENTS**
- **ADDITIONAL FOCUS AREAS**
- **QUESTIONS AND ANSWERS**



NRC Performance Goals

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

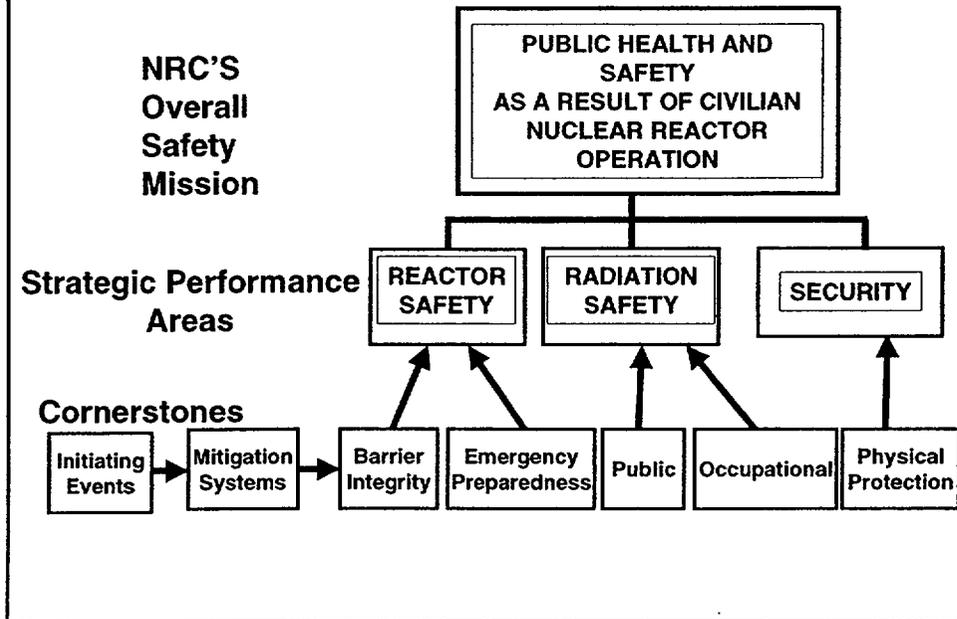


NRC Oversight Activities

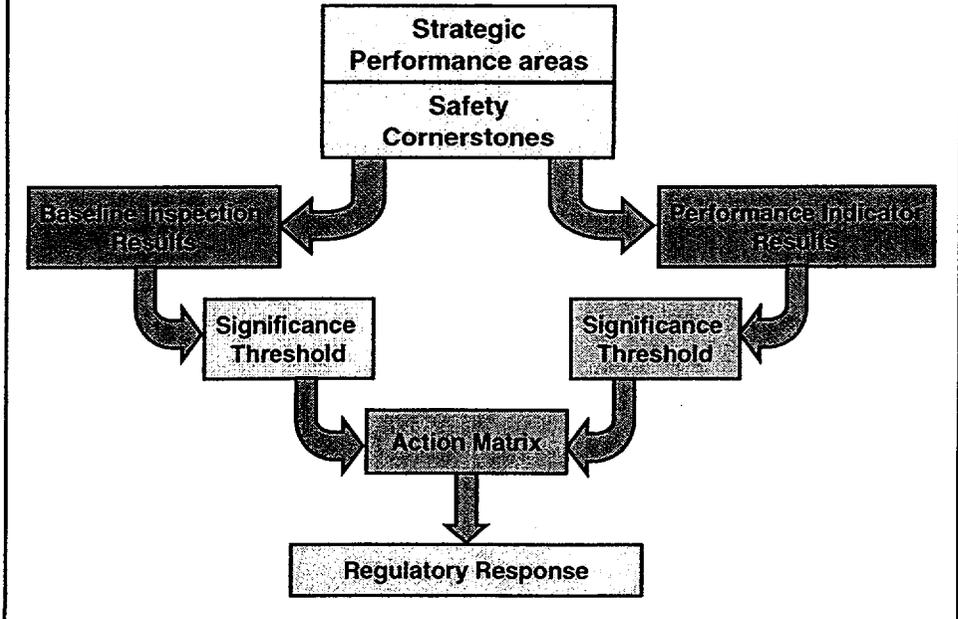
- **Provide assurance plants are:**
 - Operating safely
 - Complying with regulations
- **Based on a logical and sound framework**
- **Objective indicators of performance**
- **Assessment program triggers regulatory actions**



Comprehensive Oversight Program



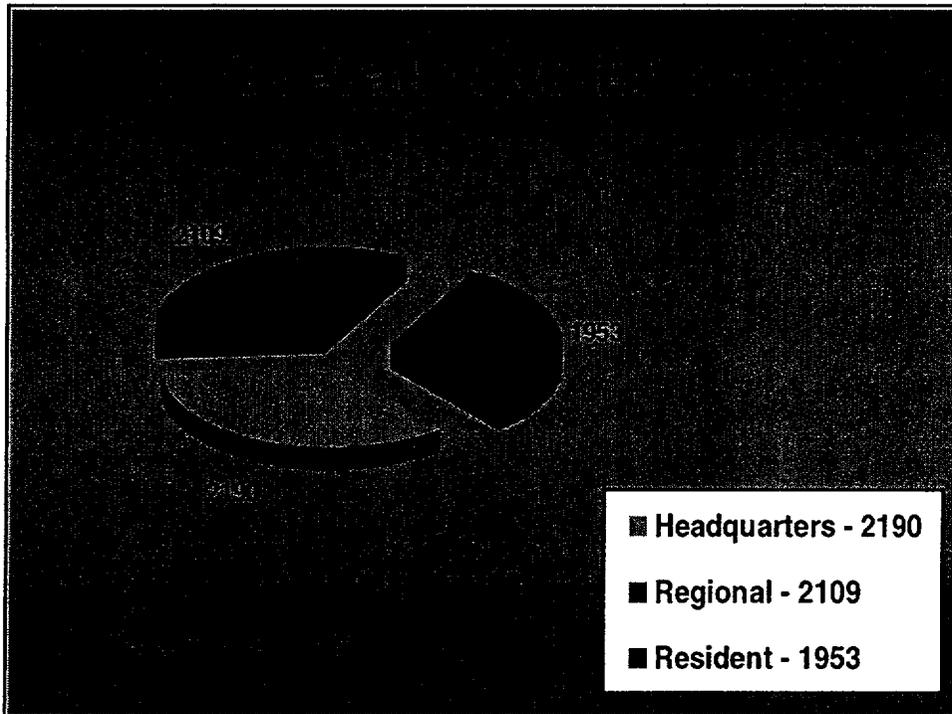
Reactor Oversight Process



Reactor Oversight Process

SAFETY SIGNIFICANCE

GREEN	- very low
WHITE	- low to moderate
YELLOW	- substantial
BLACK	- high



Baseline Inspection Program

- **Gathers objective evidence of plant safety**
- **Conducted at all plants**
- **Focuses on safety-significant:**
 - **Systems**
 - **Components**
 - **Activities**
 - **Events**



Event Follow-Up and Supplemental Inspections

- **Review events for significance**
- **Follow-up significant inspection findings**
- **Determine causes of performance declines**
- **Provide for graduated response**



Resident Inspectors

- **Live in Community**
- **Stationed at Plant**
- **Prompt Response Capability**



Regional Inspectors

- **Specialized**
- **Team Inspections**
- **Reactive Inspections**



Inspection Reports

- **Inspection reports describe findings and non-compliances that are more than minor**
- **Inspection reports are publicly accessible**

www.NRC.gov/reading-rm/adams.html



Performance Indicators

- **Provide objective measures**
- **Indicators for all Strategic Areas**
- **NRC verifies through inspections**



Performance Indicators

Performance indicator results and other assessment information available on the NRC's public web site:

www.NRC.gov/NRR/OVERSIGHT/ASSESS/GG1/gg1_chart.html



Key Aspects of the Assessment Program

- **Objective review of licensee performance**
- **“Action Matrix” to determine agency response in three areas:**
 - **Inspection**
 - **Management Involvement**
 - **Regulatory Actions**
- **Plant specific assessment letters**
- **Information on NRC public web site**



Plant Safety **Performance Summary**



Inspection Results

NRC and Licensee identified inspection findings were of very low safety significance



Performance Indicator Results

**All performance indicators within the
Licensee Response Band**

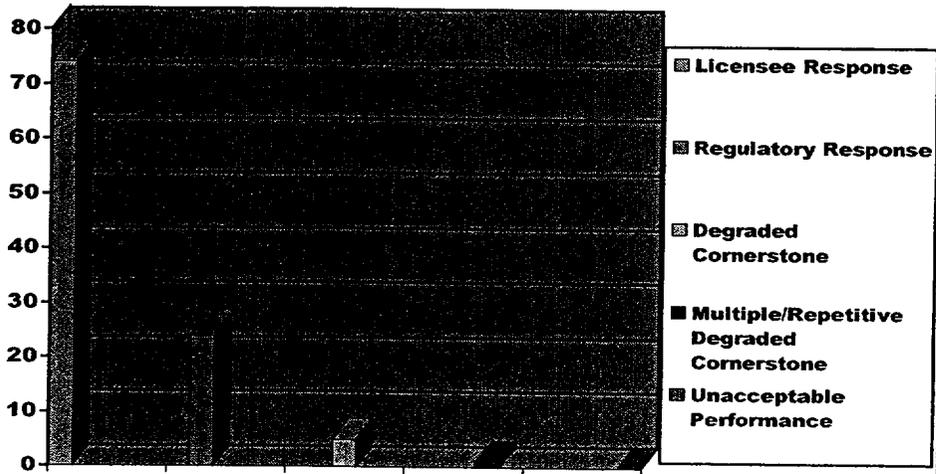


Assessment Results

- **Licensee Response Column**
- **Strategic Area Objectives Met**
- **Public Health and Safety Assured**



Industry Performance Summary



LICENSEE RESPONSE



Additional Focus Areas

- **NRC Responds As-Needed**
- **Mandates Licensee Actions**
- **Implements Emergency Response**



Reactor Vessel Head Degradation Issues

- **NRC Bulletin 2001-01 "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles"**
- **NRC Bulletin 2002-01 "Reactor Pressure Vessel Head Degradation and Reactor Coolant Pressure Boundary Integrity"**



Security at Nuclear Power Plants

- Substantial security measures in place prior to terrorist attacks**
- Federal, State, Local and Licensee integrated response to terrorist threat**



Response to September 11

- Activated facilities**
- Issued and updated advisories**
- Verified implementation**
- Coordinated with other agencies**
- Ordered increase in minimum security requirements**
- Reviewing security regulations considering our changed environment**



Contacting the NRC

- **Report an Emergency:**
(301) 816-5100 (collect)
- **Report a Safety Concern:**
(800) 695-7403 or Allegation@nrc.gov
- **General Information or questions:**
www.nrc.gov
Select “What we do” for Public Affairs



In Summary

- **Comprehensive Oversight Program**
- **Licensee maintained public health and safety**
- **Capability and resources to respond and impose additional requirements**

