

UNITED STATES

NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 460 ARLINGTON, TEXAS 76011-8064

October 1, 1998

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

SUBJECT: GRAND GULF NUCLEAR STATION EMERGENCY PREPAREDNESS UPDATE

Dear Mr. Eaton:

This refers to the meeting conducted in the Region IV office on September 29, 1998. This meeting was conducted to discuss the emergency preparedness program status and direction. Specific topics covered included: implemented improvement items, planned improvement items, and future challenges.

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.

Blaine Murray, Chief Plant Support Branch

Division of Reactor Safety

Docket No.: 50-416 License No.: NPF-29

Enclosures:

1. Attendance List

2. Licensee Presentation

cc w/enclosures:
Executive Vice President
and Chief Operating Officer
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

Wise, Carter, Child & Caraway P.O. Box 651 Jackson, Mississippi 39205

Winston & Strawn 1400 L Street, N.W. - 12th Floor Washington, D.C. 20005-3502

Sam Mabry, Director
Division of Solid Waste Management
Mississippi Department of Natural
Resources
P.O. Bo 10385
Jackson, Mississippi 39209

President Claiborne County Board of Supervisors Port Gibson, Mississippi 39150

General Manager Grand Gulf Nuclear Station Entergy Operations, Inc. P.O. Box 756 Port Gibson, Mississippi 39150

The Honorable Richard leyoub Attorney General Department of Justice State of Louisiana P.O. Box 94005 Baton Rouge, Louisiana 70804-9005

Office of the Governor State of Mississippi Jackson, Mississippi 39201

Mike Moore, Attorney General Frank Spencer, Asst. Attorney General State of Mississippi P.O. Box 22947 Jackson, Mississippi 39225

Dr. F. E. Thompson, Jr. State Health Officer State Board of Health P.O. Box 1700 Jackson, Mississippi 39205 Robert W. Goff, Director State Liaison Officer Division of Radiation Health Mississippi Department of Health P.O. Box 1700 Jackson, Mississippi 39215-1700

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Vice President, Operations Grand Gulf Nuclear Station Entergy Operations, Inc. P.O. Eox 756 Port Gibson, Mississippi 39150

DISTRIBUTION w/ copy of enclosures:

DCD (IE35)

Regional Administrator

GG Resident Inspector

DRS Director

DRS Deputy Director

DRP Director

DRS-PSB

Branch Chief (DRP/A)

Project Engineer (DRP/A)

Branch Chief (DRP/TSS)

MIS System

RIV File

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MEETING: GRAND GULF NUCLEAR STATION

SUBJECT: Emergency Preparedness Activities and Issues

DATE: September 29, 1998

ATTENDANCE LIST (PLEASE PRINT CLEARLY)

NAME	ORGANIZATION	POSITION TITLE
Gail M. Good	NRC, Region IV	St. Emogery Rop Analyst
Don Janecele	GGNS	Mgr. Emery Prep Die, NS = KA
Clem Morgan	GGNS	Mgr. Enery Prop
KENNETH Aughey JOSEPH 1. TAPIA BLAZDE MURRAY	66NS	Die, NSZIRA
JOSEPH 1. TAPIA	NRC	BRANCH CHIEF
BLAZDE MURRAY	NRC, RIV MC, ZIV	BRANCH CHIEF, UNG
Her Howell	MC, 212	BRANCH CHIEF, INS
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GRAND GULF NUCLEAR STATION EMERGENCY PREPAREDNESS

PRESENTATION TO THE NUCLEAR REGULATORY COMMISSION REGION IV
SEPTEMBER 29, 1998

EMERGENCY PREPAREDNESS ISSUES

- IMPLEMENTED IMPROVEMENT ITEMS
 - FROM JUNE, 1997 TO PRESENT
- PLANNED IMPROVEMENT ITEMS
 - 4TH QUARTER, 1998 Through 1999
- FUTURE CHALLENGES

- Weekly Training with Operations Crew
 - Conducted in the Simulator
 - Includes Chemistry (Dose Assessment),
 Communicators and Emergency Preparedness
 - Conducted During each Training Cycle
- EP Performance Indicators
 - All EOI Sites Use the Same Indicators
 - Included as Part of Monthly Management
 Focus Meeting

- Scenario Driven Table Top Drills
 - Conducted in March for All Facilities
 - Plan to Implement on a Regular Basis in 1999
 - Will Evaluate to Determine if Table Tops May
 Replace Some Classroom Training

- ERO Notification Drills
 - Increased Frequency (Monthly)
 - Unannounced and Some are Off Hours
 - Improved ERO Awareness
 - Improved Response Times

- Personnel Rotation
 - 1 Full Time Licensed SRO on EP Staff
 - 1 Full Time senior Health Physics Supervisor on EP Staff
 - 1 Emergency Planner to SRO Certification Class

- Exercise Weaknesses
 - 82701 June, 1997
 - Dose Assessment Activities
 - Procedure Implementation
 - 1997 Emergency Exercise
 - Monitor and Replenish Supplies of Respiratory Protection Equipment
 - Provide Protective Measures for Personnel in Security Island
 - Properly Formulate PARs

- Enhanced ERO Training
 - EP Day of the Week
 - 2-3 Hours/Week in Each Facility
 - Table Top Drills, Walk Through Discussion Groups, Site Mini Drills, Inter/Intra Facility Communication Drills
 - Begin in October, 1998 and Continue Until December. Then Check and Adjust.

- Implement 4 Team Rotation
 - Maintain 4 Strong Teams with Reserve (Fifth)
 Team in Several Positions
 - Enhance Overall Team Strength
 - Effective October 12, 1998

- Management Involvement in ERO Process
 - Enhanced Facility Process Owner (FPO)
 Involvement
 - EP Staff Assigned to Specific Facility
 - FPO Responsibilities
 - Provide Guidance and Management for ERF
 - Assign Personnel to ERF
 - Ensures Consistent ERF Operation
 - Participates in ERF and Site Drill Critique
 - Assigns Key ERO Position Leads

- EP Self Assessment
 - Intrusive Look Into EP Program, Corrective
 Action Process, Drill/Critique Process, and EP
 Training Effectiveness
 - Team Includes Industry, EOI, and GGNS Personnel
 - STP, Comanche Peak, PECO, RBS and W-3
 - Conducted Week of November 15, 1998
 - Welcome NRC Involvement

- Severe Accident Management
 - Procedures V & V Process Complete
 - ERO Training To Be Conducted in October
 - Operations Personnel Will Be Trained During November/December Training Cycle
 - Demonstration During November Site Drill

- Evaluation of EP Training Process
 - Majority Currently Conducted in Classroom
 - Will Evaluate Practical Activities During 4th
 Quarter EP Day of the Week
 - Possible Replacement of Some Classroom
 Activities with Practical Training in ERFs.
 - · Initial Training; Classroom Oriented
 - Continuing Training; ERF Practical

FUTURE CHALLENGES

- Emergency Response Organization Performance During Drills/Exercise
 - Past Drills Lacked Effective Demonstration of Adequate Analysis of Simulated Emergency Conditions by Some Personnel
 - Ineffective Communication Within and Among Emergency Response Facilities

GGNS SEVERE ACCIDENT MANAGEMENT CONCEPT

- Two Step Approach
 - EOPs to SAPs
 - When Adequate Core Cooling Not Assured
- Transfers Decision Making to ED
 - Allows Control Room to Focus on Plant Operations
 - Allows ERO to Coordinate Deliberate Actions that May Create Radiological Threats
 - Containment Venting/RPV Venting
 - Placing Restored Equipment in Operation

GGNS EMERGENCY PREPAREDNESS

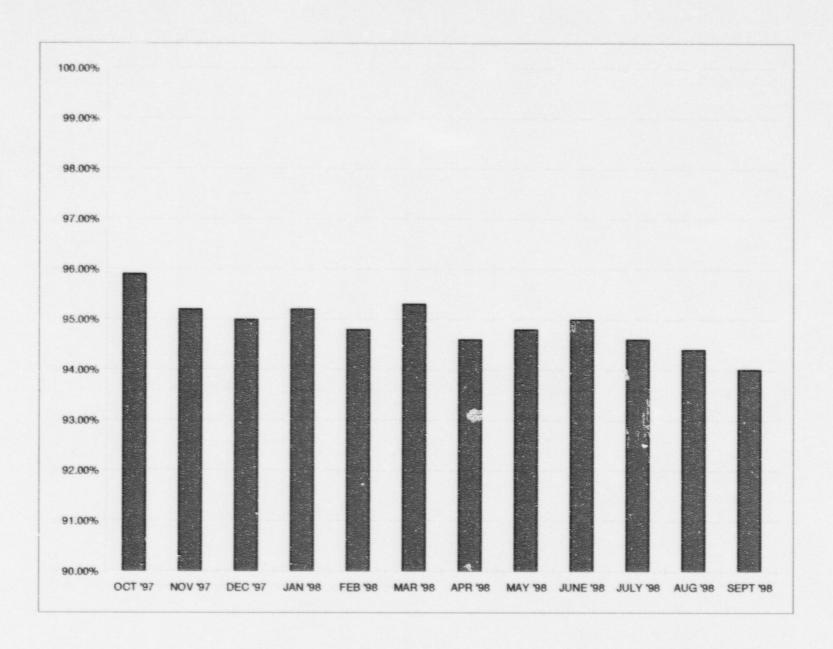


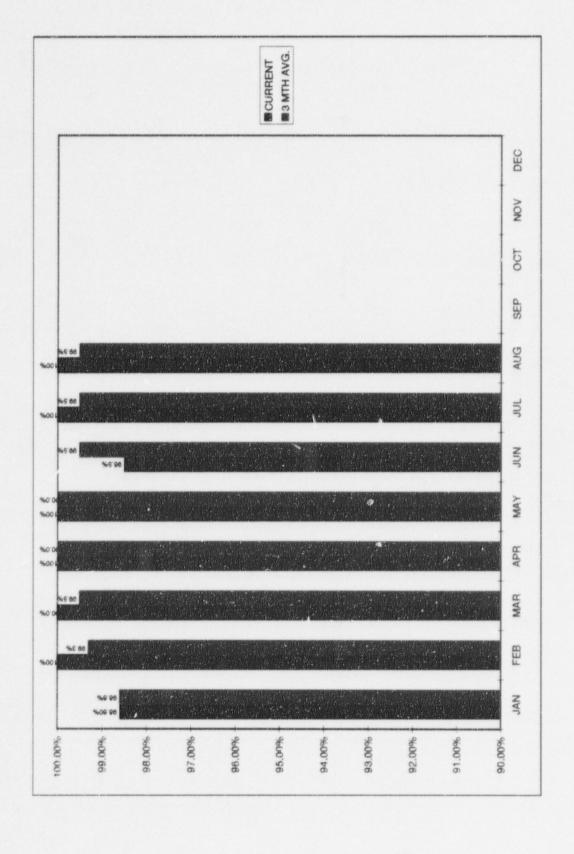
Entergy

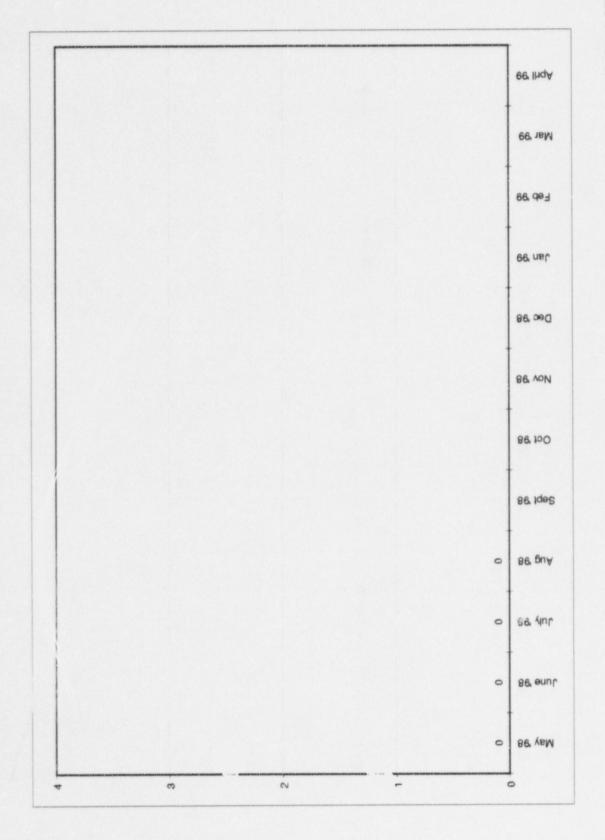
1998
PERFORMANCE INDICATORS

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	Yellow	Criteria	ria Annunciator Average >= 2.5																
	Rod	Criteria									ed Wind								

GGNS EMERGENCY PREPAREDNESS SIREN AVAILABILITY







Updated: 9/28/98 By: Beverly A. Raines

GGNS
EMERGENCY PREPAREDNESS
TABLETOP ATTENDANCE
(12 month average)

