



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005**

August 27, 2003

Jeff S. Forbes, Site Vice President
Grand Gulf Nuclear Station
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, Mississippi 39150

**SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
GRAND GULF NUCLEAR STATION**

Dear Mr. Forbes:

On August 5, 2003, the NRC staff completed its midcycle plant performance assessment of Grand Gulf Nuclear Station. The midcycle review for Grand Gulf Nuclear Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 through June 30, 2003. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 6 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Entergy Operations, Inc.

-2-

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 817/860-8148 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

W. D. Johnson, Chief
Project Branch A
Division of Reactor Projects

Docket: 50-416
License: NPF-29

Enclosure:
Grand Gulf Nuclear Station
Inspection/Activity Plan

cc w/enclosure:
Senior 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, DC 20005-3502

Jay Barkley, Chief
Energy & Transportation Branch
Environmental Compliance and
Enforcement Division
Mississippi Department of
Environmental Quality
P.O. Box 10385
Jackson, Mississippi 39289-0385

President, District 1
Claiborne County Board of Supervisors
P.O. Box 339

Entergy Operations, Inc.

-3-

Port Gibson, Mississippi 39150

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

The Honorable Richard Ieyoub
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. Brian W. Amy
State Health Officer
State Board of Health
P.O. Box 1700
Jackson, Mississippi 39215

Robert W. Goff, Program Director
Division of Radiological Health
Mississippi Dept. of Health
P.O. Box 1700
Jackson, Mississippi 39215-1700

Vice President
Operations Support
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

Director, Nuclear Safety
and Regulatory Affairs
Entergy Operations, Inc.
P.O. Box 756

Entergy Operations, Inc.

-4-

Port Gibson, Mississippi 39150

Entergy Operations, Inc.

-5-

Charlie Norrell
Supervisor, District 2
Claiborne County
1045 Magnolia Lane
Port Gibson, Mississippi 39150

Charles Shorts, Board Vice President
Supervisor, District 5
Claiborne County
4007 Pine Grove Road
Port Gibson, Mississippi 39150

Martha Lott, Supervisor
District 4, Claiborne County
P.O. Box 279
Port Gibson, Mississippi 39150

Mary Jones
Claiborne County Interim Tax
Assessor/Collector
P.O. Box 469
Port Gibson, Mississippi 39150

The Honorable Amelda Arnold
Mayor, Town of Port Gibson
P.O. Box 466
Port Gibson, Mississippi 39150

Robert R. Latham, Jr., Director
Mississippi Emergency
Management Agency
P.O. Box 4501, Fondren Station
Jackson, Mississippi 39296-4501

The Honorable Edward Brown
Mayor, Town of St. Joseph
P.O. Box 217
St. Joseph, Louisiana 71366

The Honorable Alex Davis
Mayor, Town of Newellton
P.O. Box 477
Newellton, Louisiana 71357

Entergy Operations, Inc.

-6-

Rick Foster, Director
Tensas Office of Emergency Preparedness
P.O. Box 768
St. Joseph, Louisiana 71366

Mike Henry
State Liaison Officer
Department of Environmental Quality
P.O. Box 82135
Baton Rouge, Louisiana 70884-2135

Federal Emergency Management
Agency, Region IV
ATTN: Kenneth O. Burris, Jr.
Regional Director
3003 Chamblee Tucker Road
Atlanta, Georgia 30341

Col. Michael Brown
Assistant Director
Military Department
Office of Emergency Preparedness
P.O. Box 44217
Baton Rouge, Louisiana 70804

Federal Emergency Management Agency
Ron Castleman, Regional Director
Region VI, Federal Center
800 North Loop 288
Denton, Texas 76201-3698

Albert Butler, President of Board
Supervisor, District 1
Claiborne County
P.O. Box 614
Port Gibson, Mississippi 39150

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

Eddie Walls, Jr.
P.O. Box 239
Port Gibson, Mississippi 39150

Entergy Operations, Inc.

-7-

Vera Johnson
Ward 2
605 Greenwood St.
Port Gibson, Mississippi 39150

Kenneth Davis
Ward 3
305 Cedar St.
Port Gibson, Mississippi 39150

Thomas Russum
Ward 4
P.O. Box 400
Port Gibson, Mississippi 39150

Robert Ritchey, Jr.
Ward 5
109 Woodstock St.
Port Gibson, Mississippi 39150

Michael A White
Ward 6
206 Mimosa St.
Port Gibson, Mississippi 39150

Cathi Dodgen
City Clerk
1064 Old Colony Road
Port Gibson, Mississippi 39150

Melvin H. McFatter
City Attorney
617 Market St.
Port Gibson, Mississippi 39150

Bobbie Young, Director
Port Gibson/Claiborne County
Civil Defense
P.O. Box 558
Port Gibson, Mississippi 39150

James Johnson
Claiborne County Election Commissioner,
District #1
338 Gordon Station Annex
Port Gibson, Mississippi 39150

Entergy Operations, Inc.

-8-

James Gray
Claiborne County Election Commissioner,
District #2
P.O. Box 105
Port Gibson, Mississippi 39150

Gary Knight
Claiborne County Election Commissioner,
District #3
116 Willows Lane
Port Gibson, Mississippi 39150

Corlean Hughes
Claiborne County Election Commissioner,
District #4
P.O. Box 161
Hermanville, Mississippi 39086

A. E. Tindell
Board of Alderpersons
District A
P.O. Box 164
St. Joseph, Louisiana 71366

Jack Grace, Jr.
Board of Alderpersons
District B
P.O. Box 75
St. Joseph, Louisiana 71366

Jimmy S. Clark
Board of Alderpersons
District C
P.O. Box 467
St. Joseph, Louisiana 71366

Telma Bradford
Board of Alderpersons
District D
P.O. Box 127
St. Joseph, Louisiana 71366

Greg Neuroth
Board of Alderpersons
District E
P.O. Box 242
St. Joseph, Louisiana 71366

Entergy Operations, Inc.

-9-

Phil Watson
Town Attorney
P.O. Box 26
St. Joseph, Louisiana 71366

Mercedes Williams
Acting Municipal Clerk
P.O. Box 217
St. Joseph, Louisiana 71366

Maria Cooper, Mayor
Town of Waterproof
P.O. Box 35
Waterproof, Louisiana 71375

Robert Bethel, III
Town Council Member
P.O. Box 135
Waterproof, Louisiana 71375

Bertha Brown
Town Council Member
P.O. Box 576
Waterproof, Louisiana 71375

Clara Robinson
Town Council Member
P.O. Box 121
Waterproof, Louisiana 71375

Herbert Williams
Town Council Member
P.O. Box 106
Waterproof, Louisiana 71375

Ervin Sell
Town Council Member
P.O. Box 366
Waterproof, Louisiana 71375

Connie McKeel
Town Council Member
P.O. Box 139
Waterproof, Louisiana 71375

Rufus Merritt
Tensas Parish Police Jurors
District 1
Rt. 12, Box 65
Newellton, Louisiana 71357

Sam Dillard
Tensas Parish Police Jurors
District 2
P.O. Box 131
Newellton, Louisiana 71357

James Nicholson, President
Tensas Parish Police Jurors
District 3
P.O. Box 196
St. Joseph, Louisiana 71366

William Trevillion
Tensas Parish Police Jurors
District 4
HC-61, Box 276
Waterproof, Louisiana 71375

Ples Bell
Tensas Parish Police Jurors
District 5
P.O. Box 384
St. Joseph, Louisiana 71366

Thomas Hale
Tensas Parish Police Jurors
District 6
HC-61, Box 162
Waterproof, Louisiana 71375

Woodrow W. Wiley, Jr., Vice-President
Tensas Parish Police Jurors
District 7
P.O. Box 33
Waterproof, Louisiana 71375

Edwin Britt, Pro Tem
Board of Alderpersons
P.O. Box 398
Newellton, Louisiana 71357

Entergy Operations, Inc.

-11-

Clara Bass
Board of Alderpersons
P.O. Box 266
Newellton, Louisiana 71357

Billy Mitchell
Board of Alderpersons
P.O. Box 632
Newellton, Louisiana 71357

Kent Morgan
Board of Alderpersons
P.O. Box 684
Newellton, Louisiana 71357

David Delaney
Board of Alderpersons
P.O. Box 621
Newellton, Louisiana 71357

James Paxton
Town Attorney
P.O. Box 97
St. Joseph, Louisiana 71366

Ronda King
City Clerk
P.O. Box 477
Newellton, Louisiana 71357

The Honorable Ronnie Musgrove
Governor, Office of the Governor
State of Mississippi
Jackson, Mississippi 39201

Mike Moore, Attorney General
State of Mississippi
P.O. Box 220
Jackson, Mississippi 39205

Frank Spencer, Asst. Attorney General
State of Mississippi
P.O. Box 220
Jackson, Mississippi 39205

Dr. F. E. Thompson, Jr.
State Health Officer
State Board of Health
P.O. Box 1700
Jackson, Mississippi 39205

Robert W. Goff, Program Director
Division of Radiological Health
P.O. Box 1700
Jackson, Mississippi 39215-1700

Phil Bass, Director
Office of Pollution control
Department of Environmental Quality
P.O. Box 10385
Jackson, Mississippi 39209

Mike Foster, Jr., Governor
Office of the Governor
P.O. Box 94004
State of Louisiana
Baton Rouge, Louisiana 70804-9004

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

Cris Roberie
Department of Environmental Quality
P.O. Box 82135
Baton Rouge, Louisiana 70884-2135

Coney Johnson
Claiborne County Election Commissioner
District 5
5088 Hwy. 547
Port Gibson, Mississippi 39150

**Grand Gulf
Inspection / Activity Plan**

08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OPS	- REQUALIFICATION INSPECTION	1			
1	IP 711111B	Licensed Operator Requalification		08/04/2003	09/26/2003	Baseline Inspections
	EMB	- PERMANENT MODS	2			
1	IP 7111117B	Permanent Plant Modifications		08/11/2003	08/15/2003	Baseline Inspections
	ALARA3	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		08/25/2003	08/29/2003	Baseline Inspections
	PSB-EP1	- EP EXERCISE INSPECTION	3			
1	IP 7111401	Exercise Evaluation		09/15/2003	09/19/2003	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/15/2003	09/19/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/15/2003	09/19/2003	Baseline Inspections
	PSBS1-TD	- SECURITY BASELINE INSPECTION	2			
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		10/20/2003	10/24/2003	Baseline Inspections
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		10/20/2003	10/24/2003	Baseline Inspections
	RP-TM	- RAD SAFETY TEAM	4			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		11/10/2003	11/14/2003	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		11/10/2003	11/14/2003	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		11/10/2003	11/14/2003	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		11/10/2003	11/14/2003	Baseline Inspections
	EMB	- SSD&PC	5			
1	IP 7111121	Safety System Design and Performance Capability		01/12/2004	01/16/2004	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		01/26/2004	01/30/2004	Baseline Inspections
	EMB	- CHANGE, TESTS, AND EXPERIMENTS	2			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/12/2004	01/16/2004	Baseline Inspections
	OB-IN	- INITIAL EXAM	3			
1	X02237	GRAND GULF - INITIAL EXAM (09/03)		01/26/2004	01/30/2004	Not Applicable
1	X02237	GRAND GULF - INITIAL EXAM (09/03)		02/23/2004	02/27/2004	Not Applicable
	ACCESSPI	- ACRSA/PIV	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/01/2004	03/05/2004	Baseline Inspections
	EMB	- INSERVICE INSPECTION ACTIVITIES	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		04/05/2004	04/09/2004	Baseline Inspections
	ALARA1	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		05/17/2004	05/21/2004	Baseline Inspections
	PSB-EP1	- EP PROGRAM INSPECTION	1			
1	IP 7111402	Alert and Notification System Testing		05/24/2004	05/28/2004	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Grand Gulf
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
PSB-EP1 - EP PROGRAM INSPECTION			1			
1	IP 7111403	Emergency Response Organization Augmentation Testing		05/24/2004	05/28/2004	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/24/2004	05/28/2004	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/24/2004	05/28/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/24/2004	05/28/2004	Baseline Inspections
ALARA2 - ALARA PLANNING AND CONTROLS			1			
1	IP 7112102	ALARA Planning and Controls		07/26/2004	07/30/2004	Baseline Inspections