



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064**

March 4, 2002

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

**SUBJECT: ANNUAL ASSESSMENT - GRAND GULF NUCLEAR STATION
(REPORT 50-416/02-01)**

Dear Mr. Eaton:

On February 13, 2002, the NRC staff completed its end-of-cycle plant performance assessment of Grand Gulf Nuclear Station. The end-of-cycle 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 period from April 1 through December 31, 2001. 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. This will provide you an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

As discussed in our previous annual assessment letter, dated May 29, 2001, this inspection and assessment cycle consisted of three quarters (i.e., the second, third, and fourth quarters of Calendar Year 2001) instead of the usual four quarters. This change was implemented in order to align the inspection and assessment cycle with the calendar year beginning on January 1, 2002.

Overall, Grand Gulf Nuclear Station operated in a manner that preserved public health and safety, and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as the first two quarters of the assessment cycle, was within the Licensee Response Column of the NRC's Action Matrix. This is 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 December 28, 2002.

Immediately following the terrorist attacks on the World Trade Center and the Pentagon, the NRC issued safeguards advisories recommending that nuclear power plant licensees go to the highest level of security, and all promptly did so. With continued uncertainty about the possibility of additional terrorist activities, the Nation's nuclear power plants, including Grand Gulf Nuclear Station, remain at a high level of security. On February 25, 2002, the NRC issued an Order to all nuclear power plant licensees, requiring them to take certain additional interim compensatory measures to address the generalized high-level threat environment. These

additional compensatory requirements will provide the NRC with reasonable assurance that public health and safety and the common defense and security continue to be adequately protected in the current generalized high-level threat environment. These requirements will remain in effect pending notification from the Commission that a significant change in the threat environment occurs or until the Commission determines that other changes are needed following a more comprehensive re-evaluation of current safeguards and security programs. To date we have monitored Entergy Operations, Inc.'s actions in response to the terrorist attacks through a series of audits. With the issuance of the Order, we will evaluate Entergy Operations, Inc.'s compliance with these interim requirements.

The enclosed inspection plan details the inspections scheduled through March 31, 2003. 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 last 6 months of the inspection plan are tentative and may be revised at the Midcycle 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).

If circumstances arise which cause us to change this 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/

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

Dockets: 50-416
Licenses: NPF-29

Enclosure:
Grand Gulf Nuclear Station
Inspection/Activity Plan

Entergy Operations, Inc.

-3-

cc w/enclosure:
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, DC 20005-3502

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

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

Entergy Operations, Inc.

-4-

Dr. F. E. Thompson, Jr.
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
Port Gibson, Mississippi 39150

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

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

Martha Lott, District 4
Claiborne County Board
of Supervisors
P.O. Box 279
Hermanville, Mississippi 39086

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

Entergy Operations, Inc.

-5-

Amelda Arnold, Mayor
Town of Port Gibson
P.O. Box 607
Port Gibson, Mississippi 39150

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

Edward Brown, Mayor
City of St. Joseph
P.O. Box 217
St. Joseph, Louisiana 71366

Alex Davis, Mayor
City of Newellton
P.O. Box 477
Newellton, Louisiana 71357

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

Entergy Operations, Inc.

-6-

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

Albert Butler, President
Claiborne County Board of Supervisors
P.O. Box 339
Port Gibson, Mississippi 39150

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

Electronic distribution by RIV:

Regional Administrator **(EWM)**

DRP Director **(KEB)**

DRS Director **(ATH)**

Senior Resident Inspector **(TLH4)**

Branch Chief, DRP/A **(DNG)**

Senior Project Engineer, DRP/A **(JMK)**

Staff Chief, DRP/TSS **(PHH)**

RITS Coordinator **(NBH)**

B. Henderson, PAO **(BWH)**

W. A. Maier, RSLO **(WAM)**

C. J. Gordon **(CJG)**

DRS Branch Chiefs **(GMG, ATG, CSM)**

W. D. Travers, EDO **(WDT)**

M. Johnson, Chief, NRR/DIPM/IIPB **(MRJ1)**

R. K. Frahm, PPR Program Manager, NRR/DIPM/IIPB **(RKF)**

B. A. Boger, Associate Dir. for Inspection and Programs **(BAB2)**

B. W. Sheron, Associate Dir. for Project Licensing and Technical Analysis **(BWS)**

J. Shea, Chief, Regional Operations Staff, OEDO **(JWS1)**

S. Richards, NRR Project Director **(SAR)**

R. Gramm, Chief, Section 1, NRR/DLPM **(RAG)**

S. Sekerak, NRR Project Manager **(PXS1)**

RidsNrrDipmlipb

Hard Copy:

Records Center, INPO

S:\DRP\DRPDIR\EOC 2002\Assessment Letters\GG.wpd

| | | | | |
|-------------------|-------------|-------------|----------------------|--|
| RIV:C:DRP/A | D:DRS | D:DRP | For signature | |
| DNGGraves;df | ATHowell | KEBrockman | WDJohnson | |
| /RA/ | /RA/ | /RA/ | /RA/ | |
| For review | 2/27/02 | 3/4/02 | 3/4/02 | |

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

Grand Gulf
Inspection / Activity Plan
03/01/2002 - 03/30/2003

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|----------------|---------------------|--|-------------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | PSB-EP-1 | - BIENNIAL EXERCISE INSPECTION | 3 | | | |
| 1 | IP 7111401 | Exercise Evaluation | | 03/04/2002 | 03/08/2002 | Baseline Inspections |
| 1 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 03/04/2002 | 03/08/2002 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 03/04/2002 | 03/08/2002 | Baseline Inspections |
| | EMB | - SSD&PC INSPECTION | 5 | | | |
| 1 | IP 7111121 | Safety System Design and Performance Capability | | 03/18/2002 | 03/22/2002 | Baseline Inspections |
| 1 | IP 7111121 | Safety System Design and Performance Capability | | 04/01/2002 | 04/05/2002 | Baseline Inspections |
| | EMB | - 50.59 INSPECTION | 1 | | | |
| 1 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 03/18/2002 | 03/22/2002 | Baseline Inspections |
| | PSB-EP1 | - EP PROGRAM BASELINE INSPECTION | 1 | | | |
| 1 | IP 7111402 | Alert and Notification System Testing | | 04/22/2002 | 04/26/2002 | Baseline Inspections |
| 1 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 04/22/2002 | 04/26/2002 | Baseline Inspections |
| 1 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 04/22/2002 | 04/26/2002 | Baseline Inspections |
| | EMB | - TRIENNIAL FP | 3 | | | |
| 1 | IP 7111105T | Fire Protection | | 07/22/2002 | 07/26/2002 | Baseline Inspections |
| 1 | IP 7111105T | Fire Protection | | 08/05/2002 | 08/09/2002 | Baseline Inspections |
| | RP-3 | - ALARA | 1 | | | |
| 1 | IP 7112102 | ALARA Planning and Controls | | 07/08/2002 | 07/12/2002 | Baseline Inspections |
| | OB-IN | - INITIAL EXAM PREP WEEK | 1 | | | |
| 1 | X02231 | GRAND GULF INITIAL EXAM (08/02) | | 08/12/2002 | 08/16/2002 | Not Applicable |
| | OB-IN | - INITIAL EXAM | 3 | | | |
| 1 | X02231 | GRAND GULF INITIAL EXAM (08/02) | | 08/26/2002 | 08/30/2002 | Not Applicable |
| | EMB | - ISI | 1 | | | |
| 1 | IP 7111108 | Inservice Inspection Activities | | 09/23/2002 | 09/27/2002 | Baseline Inspections |
| | RP-1 | - ACRSA AND PIV | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 09/30/2002 | 10/04/2002 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 09/30/2002 | 10/04/2002 | Baseline Inspections |
| | EMB | - HEAT SINKS | 1 | | | |
| 1 | IP 7111107B | Heat Sink Performance | | 02/10/2003 | 02/14/2003 | Baseline Inspections |
| | EMB | - BIENNIAL MR INSPECTION | 1 | | | |
| 1 | IP 7111112B | Maintenance Rule Implementation | | 02/10/2003 | 02/14/2003 | Baseline Inspections |
| | PSB-S1 | - ACCESS AUTH/CONTROL, SEC PLANS, PIV | 1 | | | |
| 1 | IP 7113001 | Access Authorization Program (Behavior Observation Only) | | 03/03/2003 | 03/07/2003 | Baseline Inspections |
| 1 | IP 7113002 | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator | | 03/03/2003 | 03/07/2003 | 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
03/01/2002 - 03/30/2003

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|-------------|---|---|----------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | PSB-S1 - ACCESS AUTH/CONTROL, SEC PLANS, PIV | | 1 | | | |
| 1 | IP 7113004 | Security Plan Changes | | 03/03/2003 | 03/07/2003 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 03/03/2003 | 03/07/2003 | Baseline Inspections |
| | OB-PIR - GG PIR INSPECTION | | 4 | | | |
| 1 | IP 71152 | Identification and Resolution of Problems | | 03/03/2003 | 03/21/2003 | Baseline Inspections |

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