



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

May 29, 2001

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

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

Dear Mr. Eaton:

On May 7, 2001, 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 April 2, 2000, to March 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 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.

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 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 May 31, 2002. However, the significance of the apparent violations of 10 CFR Part 50, Appendix R, which were documented in NRC Inspection Report 50-416/01-02 is still under review as part of the Significance Determination Process.

While plant performance for the most recent quarter is within the Licensee Response Column of the Action Matrix, there was a low to moderate safety significant (White) PI at the initiation of the Revised Oversight Program (second quarter 2000). The Emergency AC Power System Unavailability PI was White as a result of the Division III diesel generator being unavailable for over 70 days in 1999. The performance indicator returned to the licensee response band (Green) by the third quarter 2000 and remained Green for the remainder of the assessment period. Supplemental Inspection 50-416/00-09, conducted in July 2000, found the root cause evaluation to be comprehensive and the immediate corrective actions appropriate for this PI. The NRC will continue to evaluate the long-term effectiveness of these corrective actions as part of the baseline

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inspection program.

The enclosure details the scheduled inspections that will occur through May 31, 2002. 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 through December 31), the next inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 through September 30) in lieu of a midcycle review. The impact on the inspection plan, which is included as an enclosure, is minimal. Activities planned for the transition cycle represent only 60-80 percent of those activities that would be accomplished during a typical 12-month inspection and assessment cycle.

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/NRC/ADAMS/index.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 817/860-8141 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

David N. Graves, 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:
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Electronic distribution from ADAMS by RIV:

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J. Isom, NRR **(JAI)**

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SPE:DRP/A	C:DRP/A	OE:NRR/IIPB	D:DRS	D:DRP	C:DRP/A
DBAllen;tbh;dlf	DNGraves	JAlsom	ATHowell	KEBrockman	DNGraves
/RA/	/RA/	E-PHHarrell for	/RA/	/RA/	/RA/
5/15/01	5/ /01	5/22/01	5/18/01	5/24/01	5/24/01

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E=E-mail

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Grand Gulf
Inspection / Activity Plan
05/27/2001 - 05/31/2002

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	OB-EXAMS - RO/SRO EXAMS		3			
1	X02206	GRAND GULF - INITIAL EXAM (04/2001)		06/04/2001	06/08/2001	Not Applicable
	PSB-RP3 - ALARA PLANNING AND CONTROLS (3)		1			
1	IP 7112102	ALARA Planning and Controls		06/04/2001	06/08/2001	Baseline Inspections
	EMB - PERM MODS		2			
1	IP 7111117B	Permanent Plant Modifications		08/13/2001	08/17/2001	Baseline Inspections
	OB-PIR - PROBLEM ID INSP		3			
1	IP 71152	Identification and Resolution of Problems		08/13/2001	08/24/2001	Baseline Inspections
	PSB-S1 - ACCESS AUTH/CONTROL, SEC PLAN & PIV		1			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		08/13/2001	08/17/2001	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		08/13/2001	08/17/2001	Baseline Inspections
1	IP 7113004	Security Plan Changes		08/13/2001	08/17/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/13/2001	08/17/2001	Baseline Inspections
	OB-RQ - REQUAL INSPECT		2			
1	IP 7111111B	Licensed Operator Requalification		08/27/2001	08/27/2001	Baseline Inspections
	PSB-EP1 - EXERCISE EVAL, EAL/EP, PIV		3			
1	IP 7111401	Exercise Evaluation		09/17/2001	09/21/2001	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/17/2001	09/21/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/17/2001	09/21/2001	Baseline Inspections
	PSB-RP4 - GASEOUS AND LIQUID EFFLUENTS		1			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/03/2001	12/07/2001	Baseline Inspections
	PSB-RP5 - RAD ENVIRONMENTAL MONITORING		1			
1	IP 7112203	Radiological Environmental Monitoring Program		12/03/2001	12/07/2001	Baseline Inspections
	EMB - 50.59		1			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/10/2001	12/14/2001	Baseline Inspections
	PSB-RMI - RADIATION MONITORING INSTRUMENTATION		1			
1	IP 7112103	Radiation Monitoring Instrumentation		12/17/2001	12/21/2001	Baseline Inspections
	PSB-RP7 - ALARA PLANNING AND CONTROLS (4)		1			
1	IP 7112102	ALARA Planning and Controls		01/21/2002	01/25/2002	Baseline Inspections
	EMB - SSD&PC INSPECTION		6			
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		05/20/2002	05/24/2002	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
05/27/2001 - 05/31/2002

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
PSB-EP1 - EP PROGRAM BASELINE INSPECTION			1			
1	IP 7111403	Emergency Response Organization Augmentation Testing		05/20/2002	05/24/2002	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/20/2002	05/24/2002	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/20/2002	05/24/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/20/2002	05/24/2002	Baseline Inspections