



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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ARLINGTON, TEXAS 76011-4005**

March 3, 2004

George A. Williams, Site Vice President
Grand Gulf Nuclear Station
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, MS 39150

**SUBJECT: ANNUAL ASSESSMENT LETTER - GRAND GULF NUCLEAR STATION
(NRC REPORT 05000416/2004001)**

Dear Mr. Williams:

On February 3, 2004, 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 January 1 through December 31, 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 that 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, as well as for the first three quarters of the assessment cycle, 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 reactor oversight process (ROP) baseline inspections at your facility through September 30, 2005. In addition to the baseline inspections, NRC will also be conducting inspections related to Temporary Instruction TI 2515/154, "Spent Fuel Material Control and Accounting at Nuclear Power Plants."

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of Order implementation combined with newly developed portions of the security baseline inspection program.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. 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 12 months of the inspection plan are tentative and may be revised at the midcycle review meeting.

In accordance with 10 CFR 2.390 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
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Docket: 50-416
License: NPF-29

Enclosure:
Grand Gulf Inspection/Activity Plan

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2/23/04	2/26/04	2/29/04	3/2/04	

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Grand Gulf
Inspection / Activity Plan
03/01/2004 - 10/01/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB-08G	- INSERVICE INSPECTION ACTIVITIES	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		03/01/2004	03/05/2004	Baseline Inspections
	ACCESSPI	- ACRSA/PIV	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/01/2004	03/05/2004	Baseline Inspections
	TI 154	- TI 2515/154 SPENT FUEL MATERIAL CONTROL	2			
1	IP 2515/154	Spent Fuel Material Control and Accounting at Nuclear Power Plants		04/01/2004	06/30/2004	Safety Issues
	ALARA1	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		05/17/2004	05/21/2004	Baseline Inspections
	OB-EP1	- EP PROGRAM INSPECTION	1			
1	IP 7111402	Alert and Notification System Testing		05/24/2004	05/28/2004	Baseline Inspections
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
	PSB-S1	- AA-AC-FFD-PI	2			
1	IP 7113001	Access Authorization		07/12/2004	07/16/2004	Baseline Inspections
1	IP 7113002	Access Control		07/12/2004	07/16/2004	Baseline Inspections
1	IP 7113008	Fitness For Duty Program		07/12/2004	07/16/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/12/2004	07/16/2004	Baseline Inspections
	ALARA2	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		11/15/2004	11/19/2004	Baseline Inspections
	PEB-07B	- HX & HEAT SINK PERFORMANCE TESTING	1			
1	IP 7111107B	Heat Sink Performance		12/06/2004	12/10/2004	Baseline Inspections
	PEB-52	- GG PIR INSPECTION	2			
1	IP 71152B	Identification and Resolution of Problems		03/07/2005	03/11/2005	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		03/21/2005	03/25/2005	Baseline Inspections
	OB-EP EX	- EMERGENCY PREPAREDNESS EXERCISE	3			
1	IP 7111401	Exercise Evaluation		03/21/2005	03/25/2005	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/21/2005	03/25/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/21/2005	03/25/2005	Baseline Inspections
	PEB-12B	- MAINTENANCE RULE BIENNIAL	1			
1	IP 7111112B	Maintenance Effectiveness		03/28/2005	04/01/2005	Baseline Inspections
	PEB-05T	- TRIENNIAL FIRE PROTECTION	4			
1	IP 7111105T	Fire Protection		04/25/2005	04/29/2005	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
03/01/2004 - 10/01/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PEB-05T - TRIENNIAL FIRE PROTECTION		4			
1	IP 7111105T	Fire Protection		05/09/2005	05/13/2005	Baseline Inspections
	OB-INIT - INITIAL EXAM		3			
1	X02285	GRAND GULF (05/05) - INITIAL EXAM		07/25/2005	07/29/2005	Not Applicable
1	X02285	GRAND GULF (05/05) - INITIAL EXAM		08/15/2005	08/19/2005	Not Applicable
	OB-RQ - REQUAL INSPECTION		1			
1	IP 7111111B	Licensed Operator Requalification Program		07/25/2005	07/29/2005	Baseline Inspections
	EB17B - PERMANENT PLANT MODS		2			
1	IP 7111117B	Permanent Plant Modifications		08/29/2005	09/02/2005	Baseline Inspections
	RP TEAM - RADIATION SAFETY TEAM INSPECTION		4			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/12/2005	09/16/2005	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		09/12/2005	09/16/2005	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		09/12/2005	09/16/2005	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		09/12/2005	09/16/2005	Baseline Inspections
	EB08B - ISI		1			
1	IP 7111108G	Inservice Inspection Activities - BWR		09/19/2005	09/23/2005	Baseline Inspections