



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

March 2, 2006

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 INSPECTION REPORT 05000416/2006001)

Dear Mr. Williams:

On February 7, 2006, the NRC staff completed its performance review of the Grand Gulf Nuclear Station. Our technical staff reviewed performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2005. 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 performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Official Use Only - Security Related Information" will include the physical protection review and resultant inspection plan.

Overall, Grand Gulf 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 performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process baseline inspections at your facility.

The enclosed inspection plan details the inspections, except those related to physical protection, scheduled through September 30, 2007. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the midcycle review.

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) 860-8144 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Kriss M. Kennedy, Chief
Project Branch C
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Docket: 50-416
License: NPF-29

Enclosure:
Grand Gulf Inspection/Activity Plan

cc w/enclosure:
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SUNSI Review Completed: __kmk__ ADAMS: Yes No Initials: __kmk__
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RIV:C:DRP/C	D:DRS	D:DRP	Signature	
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/RA/	/RA/	/RA/		
2/23/06	2/24/06	2/24/06	2/ /06	

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Grand Gulf
Inspection / Activity Plan
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB1-21 - CDB		10			
1	IP 7111121	Component Design Bases Inspection		02/27/2006	03/10/2006	Baseline Inspections
	EP2 - EMERG PREP PROGRAM		1			
1	IP 7111402	Alert and Notification System Testing		05/08/2006	05/12/2006	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		05/08/2006	05/12/2006	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/08/2006	05/12/2006	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/08/2006	05/12/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/08/2006	05/12/2006	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/10/2006	07/14/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/10/2006	07/14/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/10/2006	07/14/2006	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/24/2006	07/28/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/24/2006	07/28/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/24/2006	07/28/2006	Baseline Inspections
	EB2-07B - HX PERFORMANCE		1			
1	IP 7111107B	Heat Sink Performance		09/18/2006	09/22/2006	Baseline Inspections
	EB2-12B - MAINTENANCE RULE INSPECTION		2			
1	IP 7111112B	Maintenance Effectiveness		01/15/2007	01/19/2007	Baseline Inspections
	BRQ SIM - BIENNIAL REQUAL SIM ONLY		1			
1	IP 7111111B	Licensed Operator Requalification Program		01/22/2007	01/26/2007	Baseline Inspections
	EXAM - INITIAL EXAM		3			
1	X02328	GRAND GULF INITIAL EXAM (2/5/07)		02/05/2007	02/09/2007	Not Applicable
1	X02328	GRAND GULF INITIAL EXAM (2/5/07)		03/05/2007	03/09/2007	Not Applicable
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/19/2007	03/23/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/19/2007	03/23/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/19/2007	03/23/2007	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/23/2007	04/27/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/23/2007	04/27/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/23/2007	04/27/2007	Baseline Inspections
	EB02/17 - 50.59 & PERMANENT PLANT MODS		5			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		08/13/2007	08/17/2007	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
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB02/17 - 50.59 & PERMANENT PLANT MODS		5			
1	IP 711117B	Permanent Plant Modifications		08/13/2007	08/17/2007	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1			
1	IP 7112102	ALARA Planning and Controls		08/20/2007	08/24/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		08/20/2007	08/24/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/20/2007	08/24/2007	Baseline Inspections
	REQUAL - BIENNIAL REQUALIFICATION		2			
1	IP 7111111B	Licensed Operator Requalification Program		08/27/2007	08/31/2007	Baseline Inspections
	RP TEAM - RADIATION SAFETY TEAM		5			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/10/2007	09/14/2007	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		09/10/2007	09/14/2007	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		09/10/2007	09/14/2007	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Pr		09/10/2007	09/14/2007	Baseline Inspections
	EP1 - EMERG PREP EXERCISE		3			
1	IP 7111401	Exercise Evaluation		09/17/2007	09/21/2007	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/17/2007	09/21/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/17/2007	09/21/2007	Baseline Inspections