



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

March 5, 2012

Mr. Mike Perito
Vice President Operations
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

SUBJECT: ANNUAL ASSESSMENT LETTER FOR GRAND GULF NUCLEAR STATION,
(REPORT 05000416/2012001)

Dear Mr. Perito:

On February 15, 2012, the NRC completed its end-of-cycle performance review of Grand Gulf Nuclear Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, Grand Gulf Nuclear Station operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Grand Gulf Nuclear Station during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. Routine inspections performed by the resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised as the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflict and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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).

M. Perito

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Please contact me at 817-200-1144 with any questions you have regarding this letter.

Sincerely,

/RA/

Vincent Gaddy, Chief
Project Branch C
Division of Reactor Projects

Docket: 50-416
License: NPF-29

Enclosure: Grand Gulf Nuclear Station Inspection/Activity Plan

cc: w/enclosure via Electronic Distribution

Electronic distribution by RIV:
 Electronic distribution by RIV:
 Regional Administrator (Elmo.Collins@nrc.gov)
 Deputy Regional Administrator (Arthur.Howell@nrc.gov)
 DRP Director (Kris.Kennedy@nrc.gov)
 DRP Deputy Director (Troy.Pruett@nrc.gov)
 DRS Director (Anton.Vegel@nrc.gov)
 DRS Deputy Director (Tom.Blount@nrc.gov)
 Branch Chief, TSB (Ryan.Alexander@nrc.gov)
 Branch Chief, DRP/C (Vincent.Gaddy@nrc.gov)
 Senior Project Engineer, DRP/ C (Bob.Hagar@nrc.gov)
 Senior Resident Inspector (Rich.Smith@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Public Affairs Officer (Lara.Uselding@nrc.gov)
 Regional State Liaison Officer (Bill.Maier@nrc.gov)
 RA Administrative Assistant (Lisa.Qualye@nrc.gov)
 DRA Administrative Assistant (Anita.Tannenbaum@nrc.gov)
 Branch Chief, DRS/EB1 (Thomas.Farnholtz@nrc.gov)
 Branch Chief, DRS/EB2 (Geoff.Miller@nrc.gov)
 Branch Chief, DRS/PSB1 (Michael.Hay@nrc.gov)
 Branch Chief, DRS/PSB2 (Greg.Werner@nrc.gov)
 Branch Chief, DRS/OB (Mark.Haire@nrc.gov)
 OEDO RIV Coordinator (Lydia.Chang@nrc.gov)
 Director, DIRS, NRR (Frederick.Brown@nrc.gov)
 Director, DORL, NRR (Michele.Evans@nrc.gov)
 Deputy Director, DORL, NRR (Louise.Lund@nrc.gov)
 Chief, PLB IV, DORL, NRR (Michael.Markley@nrc.gov)
 NRR Project Manager (Lynnea.Wilkins@nrc.gov)
 RidsNrrDirslpab Resource@nrc.gov
 ROPAssessment.Resource@nrc.gov
 Congressional Affairs Officer (Jenny.Weil@nrc.gov)

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ADAMS	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> SUNSI Review Complete	Reviewer Initials: VGG
Category B.1	<input checked="" type="checkbox"/> Publicly Available	<input checked="" type="checkbox"/> Non-sensitive		
Category A	<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive		
Non-sensitive				
C:DRP/PBC	D:DRS	D:DRP	C:DRP/PBC	
VGaddy	AVegel	KKennedy	VGaddy	
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2/24/12	2/24/12	2/29/12	3/1/12	

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Grand Gulf
Inspection / Activity Plan
04/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	01/01/2012	06/30/2012	PWR UPR IP 71004	- POWER UPRATE Power Uprate	3
1	01/01/2012	12/31/2012	92702 IP 92702	- FOLLOW-UP TO CONFIRMATORY ORDER (QA/QC) Followup On Corrective Actions For Violations And Deviations	1
1	03/01/2012	06/30/2013	2515/182 IP 2515/182	- DEGRADATION UNDERGROUND PIPING (PHASE 1) Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1	11/05/2012	11/09/2012	EXAM X02497	- INITIAL OPERATOR EXAM INITIAL EXAM FOR GRAND GULF (01/01/2012)	4
1	12/03/2012	12/14/2012	X02497	INITIAL EXAM FOR GRAND GULF (01/01/2012)	
1	06/25/2012	07/27/2012	EB1-21 IP 7111121	- COMPONENT DESIGN BASIS INSPECTION Component Design Bases Inspection	5
1	06/25/2012	07/27/2012	IP 7111121-DesMargin	Risk-significant/low Design Margin Components	
1	06/25/2012	07/27/2012	IP 7111121-OpAction		
1	06/25/2012	07/27/2012	IP 7111121-OplIssues	Operating Experience Issues	
1	08/06/2012	08/10/2012	EB2-02 IP 71002	- LICENSE RENEWAL License Renewal Inspection	5
1	08/20/2012	08/24/2012	IP 71002	License Renewal Inspection	
1	08/06/2012	08/10/2012	RS24 IP 71124.02	- RADIATION SAFETY Occupational ALARA Planning and Controls	2
1	08/06/2012	08/10/2012	IP 71124.04	Occupational Dose Assessment	
1	09/10/2012	09/14/2012	EP-1 IP 7111402	- BIENNIAL EP PROGRAM INSPECTION Alert and Notification System Testing	1
1	09/10/2012	09/14/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/10/2012	09/14/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	09/10/2012	09/14/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	09/10/2012	09/14/2012	IP 71151-EP01	Drill/Exercise Performance	
1	09/10/2012	09/14/2012	IP 71151-EP02	ERO Drill Participation	
1	09/10/2012	09/14/2012	IP 71151-EP03	Alert & Notification System	
1	02/25/2013	03/01/2013	EB1-07T IP 7111107T	- TRIENNIAL HEAT SINK INSPECTION Heat Sink Performance	1
1	04/08/2013	04/19/2013	EB1-17T IP 7111117T	- TRIENNIAL PERM PLANT MODS & 50.59 Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	3

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