



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

September 4, 2012

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

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR GRAND GULF NUCLEAR STATION
(Report 05000416/2012006)

Dear Mr. Perito:

On August 15, 2012, the NRC completed its mid-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 July 1, 2011 through June 30, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The security inspection plan will be sent via separate correspondence.

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 December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns," and TI-188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts 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 may have regarding this matter.

Sincerely,

A handwritten signature in black ink that reads "Vincent Gaddy". The signature is written in a cursive style with a large, prominent "V" and "G".

Vincent Gaddy, Chief
Reactor Projects Branch C
Division of Reactor Projects

Docket No: 50-416

License No: NPF-29

Enclosure: Grand Gulf Nuclear Station / Activity Plan

cc w/Enclosure: Electronic Distribution

Grand Gulf

Inspection / Activity Plan

09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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	10/22/2012 10/26/2012	EXAM X02497	- INITIAL OPERATOR EXAM	4
1	12/10/2012 12/18/2012	X02497	INITIAL EXAM FOR GRAND GULF (01/01/2012) INITIAL EXAM FOR GRAND GULF (01/01/2012)	5
1	06/25/2012 09/04/2012	EB1-21 IP 7111121	- COMPONENT DESIGN BASIS INSPECTION Component Design Bases Inspection	2
1	07/01/2012 12/31/2012	2515/187 IP 2515/187	- NTTF FLOODING WALKDOWNS Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	2
1	07/01/2012 12/31/2012	2515/188 IP 2515/188	- NTTF SEISMIC WALKDOWNS Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	2
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	11/13/2012 11/16/2012	RS24 IP 71124.02	- RADIATION SAFETY Occupational ALARA Planning and Controls	1
1	11/13/2012 11/16/2012	IP 71124.04	Occupational Dose Assessment	
1	01/01/2013 12/31/2013	2515/187 IP 2515/187	- NTTF FLOODING WALKDOWNS Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	2
1	01/01/2013 12/31/2013	2515/188 IP 2515/188	- NTTF SEISMIC WALKDOWNS Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	2
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 711117T	- 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.

Grand Gulf
 Inspection / Activity Plan
 09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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1	10/07/2013 10/11/2013	EXAM X02517	INITIAL EXAM-GG 9 (11/2013)	5
1	11/11/2013 11/21/2013	EXAM X02517	INITIAL EXAM-GG 9 (11/2013)	5
1	06/17/2013 06/21/2013	PSB2-RP IP 71124.05	- RADIATION SAFETY Radiation Monitoring Instrumentation	4
1	06/17/2013 06/21/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	4
1	06/17/2013 06/21/2013	IP 71124.07	Radiological Environmental Monitoring Program	4
1	06/17/2013 06/21/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	4
1	08/12/2013 08/30/2013	PI&R 52B IP 71152B	- BIENNIAL PI&R Problem Identification and Resolution	3
1	08/19/2013 08/23/2013	INSP IP 7111111B	- LICENSED OPERATOR REQUAL INSP Licensed Operator Requalification Program	4
1	09/09/2013 09/13/2013	EP1 IP 7111401	- BIENNIAL EXERCISE INSPECTION Exercise Evaluation	2
1	10/21/2013 10/25/2013	PSB2-RP IP 71124.01	- RADIATION SAFETY Radiological Hazard Assessment and Exposure Controls	2
1	10/21/2013 10/25/2013	IP 71124.02	Occupational ALARA Planning and Controls	2
1	10/21/2013 10/25/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	2
1	10/21/2013 10/25/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	2

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