



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 E. LAMAR BLVD.
ARLINGTON, TX 76011-4511

March 4, 2014

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR THE GRAND GULF NUCLEAR
STATION (REPORT 05000416/2013001)**

Dear Mr. Mulligan:

On February 11, 2014, the NRC completed its end-of-cycle performance review of the 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, 2013 through December 31, 2013. 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 NRC determined the performance at the Grand Gulf Nuclear Station during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because, as discussed in our letter to you dated May 13, 2013 (ML13133A197), and in our Mid-Cycle letter to you dated September 3, 2013 (ML13246A404), the PI for Unplanned Scrams per 7000 Critical Hours was reported as White for the first quarter of 2013. In addition, this PI was reported as White again in the third quarter of 2013. These letters informed you that the NRC planned to conduct a supplemental inspection, in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," once you inform the NRC of your readiness for inspection. Because you have not yet informed the NRC of your readiness for this inspection, the Grand Gulf Nuclear Station will remain within the Regulatory Response Column until the NRC completes the inspection with satisfactory results.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by 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 at the mid-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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

From January 1 to December 31, 2013, the NRC issued three Severity Level IV traditional enforcement violations associated with impeding the regulatory process. Therefore, the NRC plans to conduct Inspection Procedure 92723, "Follow-up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period," to follow-up on these violations. The purpose of this inspection is to provide assurance that you understand the cause of these violations, and that the extent of condition and extent of cause of these multiple Severity Level IV violations are also identified.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised effective January 1, 2014. New cross-cutting aspects will be coded in accordance with the latest revision to NRC Inspection Manual Chapter (IMC) 0310, dated December 19, 2013. Cross-cutting aspects identified in the last six months of 2013 using the previous terminology will be converted to the revised language in accordance with the cross-reference in IMC 0310. The revised cross-cutting aspects will be evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305 starting with the calendar year 2014 mid-cycle assessment.

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).

Please contact Don Allen at (817) 200-1144 with any questions you have regarding this letter.

Sincerely,



Kriss M. Kennedy, Director
Division of Reactor Projects

Docket No. 50-416
License No. NPF-29

Enclosure: Grand Gulf Nuclear Station Inspection/Activity Plan

cc w/enclosure: Electronic Distribution

Grand Gulf
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		EXAM	- INITIAL OPERATOR EXAM	4
1	09/22/2014 09/26/2014	X02530	INITIAL EXAM- GRAND GULF (12/31/14)	
1	10/20/2014 10/29/2014	X02530	INITIAL EXAM- GRAND GULF (12/31/14)	
		EB2-05T	- TRIENNIAL FIRE PROTECTION INSPECTION	4
1	04/14/2014 04/18/2014	IP 7111105T	Fire Protection [Triennial]	
1	04/28/2014 05/02/2014	IP 7111105T	Fire Protection [Triennial]	
		ISFSI	- ROUTINE INSPECTION (1 WEEK IN THE MONTH)	1
1	09/01/2014 09/30/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		EP-1	- EP PERFORMANCE INDICATORS	1
1	10/20/2014 10/24/2014	IP 71151-EP01	Drill/Exercise Performance	
1	10/20/2014 10/24/2014	IP 71151-EP02	ERO Drill Participation	
1	10/20/2014 10/24/2014	IP 71151-EP03	Alert & Notification System	
		EP-2	- BIENNIAL EP PROGRAM INSPECTION	1
1	10/20/2014 10/24/2014	IP 7111402	Alert and Notification System Testing	
1	10/20/2014 10/24/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	10/20/2014 10/24/2014	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	10/20/2014 10/24/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
		RS 24	- RADIATION SAFETY	2
1	11/17/2014 11/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/17/2014 11/21/2014	IP 71124.04	Occupational Dose Assessment	
		RS 5678	- RADIATION SAFETY - TEAM	4
1	03/30/2015 04/03/2015	IP 71124.05	Radiation Monitoring Instrumentation	
1	03/30/2015 04/03/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	03/30/2015 04/03/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1	03/30/2015 04/03/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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