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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
612 EAST LAMAR BLVD, SUITE 400  
ARLINGTON, TEXAS 76011-4125

August 9, 2010

James R. Douet  
Site Vice President Operations  
Entergy Operations, Inc.  
Grand Gulf Nuclear Station  
P.O. Box 756  
Port Gibson, MS 39150

SUBJECT: GRAND GULF NUCLEAR STATION - NRC SECURITY INSPECTION  
REPORT 05000416/2010403

Dear Mr. Douet:

On July 15, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Grand Gulf Nuclear Station. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on July 15, 2010, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

This report documents one NRC identified finding of very low security significance (i.e., Green as determined by the physical protection significance determination process). This deficiency was promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspector left the site. However, because of the very low security significance, and because this violation was entered into your corrective action program, the NRC is treating this violation as a noncited violation (NCV) consistent with Section VI.A.1 of the NRC Enforcement Policy. If you contest this noncited violation, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN.: Document Control Desk, Washington, D.C. 20555-0001;

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with copies to the Regional Administrator, Region IV, U.S. Nuclear Regulatory Commission, Region IV, 612 E. Lamar Blvd, Suite 400, Arlington, Texas, 76011-4125; the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001; and the NRC Resident Inspector at Grand Gulf Nuclear Station.

Additionally, the finding had a crosscutting aspect in the area of work practices associated with procedural compliance because your staff failed to follow procedure when conducting annual supervisory behavioral reviews (H4.b). If you disagree with the crosscutting aspect assigned to the finding in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, Region IV, and the NRC Resident Inspector at Grand Gulf Nuclear Station.

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 the NRC's document system, ADAMS. ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

**/RA/**

Michael P. Shannon, Chief  
Plant Support Branch-1  
Division of Reactor Safety

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

Nonpublic Enclosure:  
NRC Inspection Report 05000416/2010403  
w/Attachment: Supplemental Information

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Security Related Complete Report - OUO:

SUNSI Review Completed: JWR ADAMS: ☒ Yes Initials: JWR  
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SUNSI Review Completed: JWR ADAMS: ☒ Yes Initials: JWR  
☒ Publicly Available ☒ Non-Sensitive

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