

**SAFEGUARDS INFORMATION**

February 19, 2010

Mr. James R. Douet  
Vice President  
Grand Gulf Nuclear Station  
Entergy Operations Inc.  
7003 Bald Hill Road  
Port Gibson, MS 39150

SUBJECT: GRAND GULF NUCLEAR STATION – U.S. NUCLEAR REGULATORY  
COMMISSION SECURITY INSPECTION 05000416/2009201

Dear Mr. Douet:

On December 18, 2009, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at the Grand Gulf Nuclear Generating 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 January 5, 2010, with members of the site 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 inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

This report documents two findings of very low security significance (i.e., Green as determined by the Physical Protection Significance Determination Process). The deficiencies were 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 inspectors left the site.

One of the findings had a cross-cutting aspect in the area of Problem Identification and Resolution because the licensee did not thoroughly evaluate problems such that the resolutions addressed causes and extent as necessary. If you disagree with the characterization of any 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 Director, Nuclear Security Incident Response, and to the Branch Chief, Security Performance Evaluation Branch. The information you provide will be considered in accordance with Inspection Manual Chapter (IMC) 0305.

**Enclosure Contains Safeguards Information. Upon separation, this letter is decontrolled.**

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The findings were NRC identified In accordance with Title 10 of the *Code of Federal Regulations* (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 component of the NRC's Agency-wide Documents Access and Management Systems (ADAMS). ADAMS is accessible from the NRC Web site 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 enclosures 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).

Should you have any questions concerning this letter, please contact us. Your cooperation is appreciated.

Sincerely,

*/RA/*

Robert C. Johnson, Chief  
Security Performance Evaluation Branch  
Division of Security Operations  
Office of Nuclear Security and Incident Response

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

Nonpublic Enclosures:  
Inspection Report 05000416/2009201  
w/ Attachments: Supplemental Information, Table of Security Personnel, Exercise One, Exercise Two, Exercise Three (SAFEGUARDS)

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Distribution w/o encl:

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Accession No.: MI100480265

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DATE	2/14/2010	/ /2010	2/4/2010	2/17/2010 via email	2/16 /2010 via email	2/19/2010

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SECURITY INSPECTION 05000416/2009201 (Distribution)

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