



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

February 19, 2010

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

SUBJECT: FEDERAL EMERGENCY MANAGEMENT AGENCY'S CLOSURE OF THE  
OFFSITE DEFICIENCY IDENTIFIED DURING THE SEPTEMBER 9, 2009,  
BIENNIAL EMERGENCY PREPAREDNESS EXERCISE

Dear Mr. Douet:

Enclosed is a copy of the Federal Emergency Management Agency's (FEMA), Region VI, letter to Mr. Elmo E. Collins, Regional Administrator, NRC Region IV, dated January 5, 2010. This letter communicates FEMA's final report evaluating the September 9, 2009, exercise and their decision to close the Deficiency following corrective actions. A site visit to confirm completion of corrective measures was made by FEMA on December 23, 2009. The Deficiency was related to Criterion 5a1, Activation of the Prompt Alert and Notification System. The Emergency Alert System radio station was not equipped with an uninterruptible power supply and would not have been able to deliver an Emergency Alert System message during a loss of power at the station. Based on the results of the corrective action, FEMA concluded the offsite radiological emergency response plan for the state of Louisiana, and the associated local jurisdictions, are deemed adequate to provide reasonable assurance that appropriate measures can be taken to protect the health and safety of the public in the event of a radiological emergency.

The purpose of this letter is to communicate FEMA's official notification that the previously-identified deficiency has been closed, in accordance with the NRC-FEMA Memorandum of Understanding. No response to the Nuclear Regulatory Commission is required.

The NRC appreciates Grand Gulf Nuclear Station's efforts to work with the appropriate offsite governmental agencies to ensure a timely resolution of this issue.

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

J. Douet

- 2 -

If you have any further questions, please contact Paul J. Elkmann at (817) 276-6539 or Gilbert Guerra at (817) 276-6557.

Sincerely,



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

Docket: 50-416  
License: NPF-29

Enclosure:  
FEMA Region VI Letter to Elmo E. Collins, dated January 5, 2010 (ML100470454)

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- 4 -

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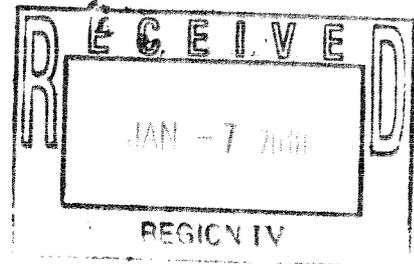
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Jackson, MS 38213



**FEMA**

January 5, 2010

Mr. Elmo E. Collins, Jr.  
Regional Administrator  
U.S. NRC, Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-4005



Dear Mr. Collins:

Enclosed is a copy of the radiological emergency preparedness final report for the Grand Gulf Nuclear Station (GGNS) Plume Pathway exercise evaluated on September 9, 2009. There was one Deficiency, no Areas Requiring Corrective Actions, and no Plan Issues identified during this exercise.

The Deficiency was assessed against Tensas Parish under the evaluation criteria 5.a.1 Activation of the Prompt Alert and Notification System. The Emergency Alert System (EAS) radio station was not equipped with an uninterruptible power supply and would not have been able to deliver an EAS message during a loss of power at the station. Corrective action for the Deficiency was completed on December 15, 2009. A site visit was completed on December 23, 2009, to confirm completion of the corrective measures (installation of a back-up power supply) and the Deficiency has been closed.

Based on the results of this exercise, the offsite radiological emergency response plans and preparedness, for the State of Louisiana and the affected local jurisdictions are deemed adequate to provide reasonable assurance that appropriate measures can be taken to protect the health and safety of the public in the event of a radiological emergency. Therefore, 44 CFR Part 350 approval of the offsite radiological emergency response plans and preparedness for the State of Louisiana site-specific to GGNS will remain in effect.

A copy of this report was forwarded to Ms. Lisa Gibney, REP HQ Branch Chief and HQ Project Officer, U. S. Nuclear Regulatory Commission, in Washington, D.C. Should you have questions, please contact Lisa Hammond, Regional Assistance Committee Chair, at (940) 898-5199, or Bill Bischof, GGNS Site Specialist, at (940) 898-5562.

Sincerely,

Tony Russell  
Regional Administrator

Enclosure

cc: NRC HQ – Lisa Gibney  
DHS/FEMA HQ - Vanessa Quinn  
DHS/FEMA HQ – Craig Fiore  
LDEQ – Jeffrey Meyers  
GOHSEP – Mark Cooper  
GGNS Entergy Ops. Inc. – David Townsend

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MLxxxxxxxxx

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