



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)

cc w/enclosures:
Senior Vice President
Entergy Nuclear Operations
P.O. Box 31995
Jackson, MS 39286-1995

Senior Vice President and COO
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

Thomas Palmisano
Vice President, Oversight
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

Chief, Energy and Transportation Branch
Environmental Compliance and
Enforcement Division
Mississippi Department of
Environmental Quality
P.O. Box 2249
Jackson, MS 39225-2249

Interim County Administrator
Claiborne County
Board of Supervisors (James Johnston)
Port Gibson, MS 39150

Manager, Licensing
Sr. Site Executive
Entergy Nuclear Operations
P.O. Box 31995
Jackson, MS 39286-1995

Senior Manager, Nuclear Safety & Licensing
Licensing /Regulatory Affairs
Entergy Nuclear Operations
P.O. Box 31995
Jackson, MS 39286-1995

Manager, Licensing
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

Attorney General
Department of Justice
State of Louisiana
P.O. Box 94005
Baton Rouge, LA 70804-9005

Office of the Governor
State of Mississippi
Jackson, MS 39201

Attorney General
Assistant Attorney General
State of Mississippi
P.O. Box 220
Jackson, MS 39205

State Health Officer
State Health Board
P.O. Box 1700
Jackson, MS 39215

J. Douet

- 4 -

Associate General Counsel
Entergy Nuclear Operations
P.O. Box 31995
Jackson, MS 39286-1995

Louisiana Dept. of Environmental Quality
Radiological Emergency Planning and
Response Division
P.O. Box 4312
Baton Rouge, LA 70821-4312

Chief, Technological Hazards
Branch
FEMA Region VI
800 North Loop 288
Federal Regional Center
Denton, TX 76209

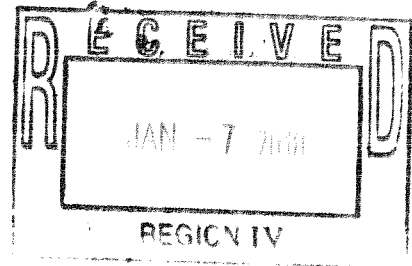
Terence A. Burke
Associate General Council Nuclear
Entergy Services, Inc.
1340 Echelon Parkway
Jackson, MS 38213



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

Electronic distribution by RIV:
 Regional Administrator (Elmo.Collins@nrc.gov)
 Deputy Regional Administrator (Chuck.Casto@nrc.gov)
 DRP Director (Dwight.Chamberlain@nrc.gov)
 DRP Deputy Director (Anton.Vegel@nrc.gov)
 DRS Director (Roy.Caniano@nrc.gov)
 DRS Deputy Director (Troy.Pruett@nrc.gov)
 Senior Resident Inspector (Rich.Smith@nrc.gov)
 Resident Inspector (Andy.Barrett@nrc.gov)
 Branch Chief, DRP/C (Vincent.Gaddy@nrc.gov)
 Senior Project Engineer, DRP/C (Bob.Hagar@nrc.gov)
 GG Administrative Assistant (@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Public Affairs Officer (Lara.Uselding@nrc.gov)
 Project Manager (Alan.Wang@nrc.gov)
 Branch Chief, DRS/TSB (Michael.Hay@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
 Regional Counsel (Karla.Fuller@nrc.gov)
 Congressional Affairs Officer (Jenny.Weil@nrc.gov)
 Regional State Liaison Officer (Bill.Maier@nrc.gov)
 NSIR/DPR/EP (Eric.Schrader@nrc.gov)
 NSIR/DPR/EP (Steve.LaVie@nrc.gov)
 OEmail Resource

MLxxxxxxxxx

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	GLL
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	MS
EPI:PSB1	EPI:PSB1	C:PSB1			
GGuerra	PEIkman	MShannon			
GLL	PE 2/17/10	MS			
2/19/10	MS	2/19/2010			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax