



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

January 5, 2010

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

SUBJECT: GRAND GULF NUCLEAR STATION - NOTIFICATION OF INSPECTION (NRC INSPECTION REPORT 05000416/2010002) AND REQUEST FOR INFORMATION

Dear Mr. Douet:

On February 1–12, 2010 Reactor Inspectors from NRC’s Region IV office will perform the baseline inspection of changes, tests, experiments, and permanent plant modifications at Grand Gulf Nuclear Station, using NRC Inspection Procedure 71111.17, “Evaluations of Changes, Tests, Experiments, and Permanent Plant Modifications”, and NRC Inspection Procedure 71111.07, “Heat Sink Performance.”

The information for NRC Inspection Procedure 71111.07 has been received, reference letter “Grand Gulf Document Request for Module 71111.07T, Heat Sink Performance, November 2, 2009.”

Experience has shown that this inspection is resource intensive both for the NRC inspectors and your staff. In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this inspection. Upon review of these documents, the inspectors will select additional documentation for review upon arrival. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Dennis Coulter of your licensing organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Wayne Sifre at 817-860-8193 or by email wayne.sifre@nrc.gov.

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

Sincerely,

/RA/

Thomas Farnholtz, Chief
Engineering Branch 1
Division of Reactor Safety

Dockets: 50-416
License: NPF-29

Reference:
Grand Gulf Document Request for Module 71111.07T, Heat Sink Performance, November 2, 2009

Enclosure:
Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications Document Request

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ADAMS: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> SUNSI Review Complete	Reviewer Initials: TRF
		<input checked="" type="checkbox"/> Publicly Available	<input checked="" type="checkbox"/> Non-Sensitive
		<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive
EB1	EB1		C:DRS/EB1
M. Young	W. Sifre		T. Farnholtz
/RA/	/RA/		/RA/
1/5/10	1/5/10		1/5/10

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T=Telephone

E=E-mail

F=Fax

Evaluations of Changes, Tests, or Experiments and Permanent Plant Modification

Inspection Dates: February 1 – 12, 2010

Inspection Procedures: IP 71111.17 “Evaluation of Changes, Tests, or Experiments and Permanent Plant Modifications”
IP 71111.07 “Heat Sink Performance”

Inspectors: Wayne Sifre, Senior Reactor Inspector, Lead Inspector
Gerond George, Reactor Inspector
Blake Rice, Reactor Inspector
Matthew Young, Reactor Inspector

Information Requested for the In-Office Preparation Week

The following information should be sent to the Region IV office in hard copy or electronic format (Certrec database preferred), in care of Wayne Sifre, by January 25, 2010, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The inspectors will select specific items from the information requested below and then request from your staff additional documents needed during the onsite inspection weeks. We ask that the specific items requested be available and ready for review on the first day of inspection. Also, we request that you categorize the documents in your response with the numbered list below. Please provide requested documentation electronically if possible. If requested documents are large and only hard copy formats are available, please inform the inspector(s), and provide subject documentation during the first day of the onsite inspection. If you have any questions regarding this information request, please call the lead inspector as soon as possible.

1. A list with descriptions, of all 50.59 screenings (or equivalent) performed since August 17, 2007, which did not result in an evaluation. Note: Description of screenings should be brief, but of sufficient detail that inspectors can determine the significance of the issue.
2. A list with descriptions, of all 10 CFR 50.59 evaluations performed which did not result in an application for license amendment to NRC from August 17, 2007, to the present. Note: Description of evaluations should be brief, but of sufficient detail so that inspectors can determine the significance of the issue.
3. Grand Gulf Nuclear Station procedure(s) for conducting 10 CFR 50.59 screenings and evaluations.
4. A list with descriptions of all Corrective Action documents related to 50.59 activities, including screenings and evaluations from August 17, 2007, to the present.
5. A list with descriptions of all permanent plant modifications dating from August 17, 2007. Include sufficient detail to enable the inspector to determine the significance of each

modification. For this inspection, permanent plant modifications include permanent plant changes, design changes, setpoint changes, procedure changes, equivalency evaluations, suitability analyses, calculations, and commercial grade dedications.

6. Grand Gulf Nuclear Station procedure for implementing and controlling permanent plant modifications.
7. A list with descriptions, of all updates to the Grand Gulf Final Safety Analysis Report performed per 10 CFR 50.71(e) from August 17, 2007, to the present. Note: Description of evaluations should be brief, but of sufficient detail that inspectors can determine the significance of the issue.
8. A list with descriptions of all Corrective Action documents related to your permanent plant modification program and its implementation since August 17, 2007. Include sufficient detail to enable the inspector to determine the significance of each modification.
9. A listing of personnel qualified to prepare 50.59 screenings and evaluations, including qualification dates.
10. A listing of personnel qualified to review and approve 50.59 screenings and/or evaluations, including qualification dates.

Inspector Contact Information:

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