



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 31, 2013

Mr. Michael Perito  
Vice President, Site  
Entergy Operations, Inc.  
P. O. Box 756  
Port Gibson, MS 39150

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF  
GRAND GULF NUCLEAR STATION

Dear Mr. Perito:

By letter dated October 28, 2011, Entergy Operations, Inc., submitted, for the U.S. Nuclear Regulatory Commission (NRC) review, an application to renew the Grand Gulf Nuclear Station, Unit 1 (GGNS), operating license for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The staff determined that the LRA was complete and acceptable for docketing on December 16, 2011.

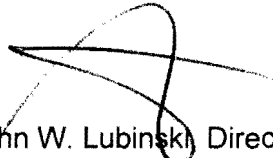
The staff has reviewed the GGNS LRA and has developed the enclosed "Safety Evaluation Report With Open Items related to the License Renewal of the Grand Gulf Nuclear Station, Unit 1," hereinafter referred to as the Safety Evaluation Report (SER). This SER reflects the status of the staff's review of the LRA, requests for additional information (RAIs), the applicant's responses to the staff's RAIs and other questions related to the LRA through December 18, 2012, unless otherwise noted. Issuance of the enclosed SER is an important milestone for both the applicant and the staff.

The staff has identified open items in its review that must be resolved before it can make a final determination on the application. The open items are summarized in SER Section 1.5.

In accordance with the schedule for completing the review of the LRA, the applicant is requested to review the enclosed SER, verify its accuracy, and provide comments to the staff by March 29, 2013. The staff plans to review the current content and format of the SER for further improvement while incorporating the applicant's comments. Upcoming milestones for this project include an Advisory Committee on Reactor Safeguards meeting on March 6, 2013, and a final SER which is currently scheduled to be issued on or about July 31, 2013.

The staff is committed to completing the review of the GGNS LRA in a timely manner. If you have any questions regarding this matter, please contact the license renewal project manager, Nathaniel Ferrer, at 301-415-1045 or e-mail [nathaniel.ferrer@nrc.gov](mailto:nathaniel.ferrer@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to be 'John W. Lubinski', written over a faint, larger version of the same signature.

John W. Lubinski, Director  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosure:  
Safety Evaluation Report with  
Open Items

cc w/encl: Listserv

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Sincerely,

*/ra/*

John W. Lubinski, Director  
Division of License Renewal  
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