



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

October 18, 2016

Mr. Kevin J. Mulligan
Vice President, Site
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, MS 39150

SUBJECT: UPDATED SAFETY EVALUATION REPORT RELATED TO THE GRAND GULF
NUCLEAR STATION LICENSE RENEWAL APPLICATION (TAC NO. ME7493)

Dear Mr. Mulligan:

By letter dated October 28, 2011, Entergy Operations, Inc., submitted an application pursuant to Title 10 of the *Code of Federal Regulations* (CFR) Part 54 "Requirements for Renewal of Operating Licenses for Nuclear Power Plants," to renew the operating license NPF-29 for Grand Gulf Nuclear Station, Unit 1 (GGNS), for review by the U.S. Nuclear Regulatory Commission (NRC) staff. The staff determined that the license renewal application (LRA) was complete and acceptable for docketing on December 27, 2011.

Since that time, the staff has reviewed the GGNS LRA, performed site audits and inspections, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs, and developed a safety evaluation report (SER) with open items (ML13032A194) dated January 31, 2013. The staff has closed all open items, developed the final SER (ML16090A252) dated March 31, 2016, and subsequently met with the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee and Full Committee on May 4, 2016, and October 6, 2016, respectively. The Final SER has been revised to incorporate Entergy, ACRS, and additional staff comments, in the enclosed Final SER (ML16288A185) issued in October 2016.

K. Mulligan

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If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Emmanuel Sayoc, by telephone at 301-415-4084 or by e-mail at emmanuel.sayoc@nrc.gov.

Sincerely,

/RA/

Jane Marshall, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosure:
Safety Evaluation Report

cc: Listserv

K. Mulligan

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Emmanuel Sayoc, by telephone at 301-415-4084 or by e-mail at emmanuel.sayoc@nrc.gov.

Sincerely,

/RA/

Jane Marshall, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosure:
As stated

cc: Listserv

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ADAMS Accession Nos.: ML16252A425 (Package); ML16252A350 (Letter);
ML16288A185 (Safety Evaluation Report) *concurrence via e-mail

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