



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

April 4, 2016

Mr. Kevin J. Mulligan
Vice President, Site
Grand Gulf Nuclear Station, Unit 1
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, UNIT 1 (TAC NO. ME7493)

Dear Mr. Mulligan:

By letter dated October 28, 2011, Entergy Operations, Inc., (or the applicant) submitted a license renewal application (LRA) for Grand Gulf Nuclear Station, Unit 1 (GGNS), pursuant to Title 10 of the *Code of Federal Regulations* Part 54. The LRA was reviewed by the Nuclear Regulatory Commission (NRC or the staff). The staff determined that the LRA was complete and acceptable for docketing on December 16, 2011.

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 with open items dated January 31, 2013 (ML13032A194). Since January 31, 2013, the staff closed the open items and developed the enclosed final SER on March 30, 2016 to document its findings associated with the safety review of the LRA and supporting documentation for GGNS.

This SER is scheduled to be discussed with the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee on May 4, 2016 and ACRS Full Committee on October 6, 2016.

K. Mulligan

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Emmanuel Sayoc, at 301-415-4084 or by e-mail at [Emmanuel Sayoc@nrc.gov](mailto:Emmanuel.Sayoc@nrc.gov).

Sincerely,

/RA/

Christopher G. Miller, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosure:
As stated

cc w/encl: Listserv

K. Mulligan

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Emmanuel Sayoc, at 301-415-4084 or by e-mail at [Emmanuel Sayoc@nrc.gov](mailto:Emmanuel.Sayoc@nrc.gov).

Sincerely,

/RA/

Christopher G. Miller, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosure:
As stated

cc w/encl: Listserv

DISTRIBUTION: See next page

ADAMS Accession Nos.: ML16064A169 (Package), ML16064A183 (Letter),
ML16xxxxxxx (Safety Evaluation Report) *concurrence via e-mail

☒ Publicly Available ☐ Non-Publicly ☐ Sensitive ☒ Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl, "E" = Copy with attach/encl, "N" = No copy

OFFICE	LA:RPB1:DLR (Letter)	Tech Editor (SER)*	PM:DLR:RPB1	BC:DLR: RPB1	BC:DLR:RARB
NAME	IBetts*	Tech Edit	RRichardson	YDiaz-Sanabria	DMorey*
DATE	3/ 7 / 16	3/ 21/ 16	3/ 08 / 16	3/24/ 16	3/ 8 / 16
OFFICE	BC:DLR:RASB	BC:DLR:RERP	BC:DE:EMCB	BC:DE:EEEB	BC:DE:ESGB
NAME	BWittick*	JDanna*	MMurphy*	JAndersen*	GKulesa*
DATE	3/ 7/16	3/ 8 /16	4/ 30/ 12	8/ 12/ 12	8/ 12 /12
OFFICE	SLS:DLR	BC:DRA:AFPB	BC:DSS:SCVB	BC:DSS:SBPB	BC:DSS:SRXB
NAME	AHiser*	AKlein*	RDennig*	GCasto*	CJackson*
DATE	3/ 30 / 16	10/ 3 /12	9/ 4 /12	8/ 6 /12	7/31/12
OFFICE	BC:DE:EVIB	D:DE	D:DSS	D:DRA	OGC (NLO)
NAME	JMcHale*	JLubinski*	TMcGinty*	RFelts*	BMizuno*
DATE	2/ 9 / 16	1/31/ 13	1/30/13	3/22 /16	3/30/16
OFFICE	D:DLR				
NAME	CMiller				
DATE	3/24/ 16				

OFFICIAL RECORD COPY

Letter to K. Mulligan Dated March XX, 2016

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF
GRAND GULF NUCLEAR STATION, UNIT 1 (TAC NO. ME7493)

DISTRIBUTION:

HARD COPY:

DLR RF

E-MAIL:

PUBLIC

RidsNrrDlr Resource

RidsNrrDlrRpb1 Resource

RidsNrrDlrRpb2 Resource

RidsNrrDlrRarb Resource

RidsNrrDlrRasb Resource

RidsOgcMailCenter

RidsNrrPMGrandGulf Resource

RRichardson

ESayoc

BMizuno

DDrucker

JDanna

AWang

RSmith, RIV

BRice, RIV

DMcIntyre, OPA