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GNRO-2016/00046

August 23, 2016

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

SUBJECT: Report of 10CFR50.59 Evaluations and Commitment Change
Evaluations- July 1, 2014 through June 30, 2016
Grand Gulf Nuclear Station, Unit No. 1
Docket No. 50-416
License No. NPF-29

Dear Sir or Madam:

Pursuant to 10CFR50.59(d)(2), Entergy Operations, Inc. hereby submits a summary of 50.59 Evaluations and Commitment Change Evaluations for the period of July 1, 2014 through June 30, 2016 in this letter. Attachment 1 contains the 50.59 Evaluation Summary Report, and Attachment 2 contains the Commitment Change Evaluation Summary Report.

If you have any questions or require additional information, please contact James Nadeau at 601-437-2103.

This letter does not contain any new commitments.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. Nadeau".

JJN/tmm

Attachments: 1. 10CFR50.59 Evaluation Summary Report
2. Commitment Change Evaluation Summary Report

cc: (See Next Page)

cc:

NRC Senior Resident Inspector
Grand Gulf Nuclear Station
Port Gibson, MS 39150

U.S. Nuclear Regulatory Commission
ATTN: Kriss M. Kennedy (w/2)
Region Administrator, Region IV
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Arlington, TX 76011-4511

U. S. Nuclear Regulatory Commission
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Attachment 1 to GNRO 2016-00046
10CFR50.59 Evaluation Summary Report

**Grand Gulf Nuclear Station
10CFR50.59 Evaluation Summary Report**

Initiating Document	50.59 Summary
LBDCR2016-034	Cycle 21 COLR
EC 61256	Permanently bypass the 1N43C001 primary water pump high vibration turbine/generator automatic trip signals at the electric generation protection panel (EGP) in Control Room 1H13P829 JC10 cabinet. The protection provided by the automatic trip function will be replaced by manual Operator actions.
EC 31722	Engineering Change to change out relay 1E12-K095A/B with time delay dropout relay for the Residual Heat Removal (RHR) Heat Exchanger Bypass Valves, 1E12F048A/B. This change is based on NRC approval of MELLLA+ as documented in GNRI-2015/00110 and GNRI-2015/00109.
LBDCR2015-064	Safety Evaluation 95-0028-R00 was developed using EPRI document EPRI-NP-2005 approved by the NRC in 1983 for TORMIS. However, this is a change in methodology at the site for Tornado evaluations that will produce different results and will require a License Amendment Request.
EC 53955	Evaluation to allow ESF Room Cooler 1T36B002B (Room 1A221) to be out of service per TRM 6.7.1.
EC 53121	Evaluation to allow ESF Room Cooler 1T46B003B to be out of service per TRM 6.7.1.
EC 51435	Evaluation of administratively bypassing the High Vibration Trips on Emergency Diesel Generators (Div I and II) by closing and locking closed manual isolation valves E-23H in Panels 1H22P400 (Div I) and 1H22P401 (Div II).
EC 49880	Change to replace the use of Turbine First Stage Pressure (TFSP) transmitter signals with Power Range Neutron Monitoring System (PRNMS) signals to control various functions including low power and high power setpoints, turbine stop valve closure and control fast closure SCRAM enable/bypass, End of Cycle Recirculation Pump Transfer (EOC-RPT) enable/bypass, Feedwater Low Power Set-down and Hydrogen Water Chemistry trips.

Attachment 2 to GNRO 2016-00046

Commitment Change Evaluation Summary Report

**Grand Gulf Nuclear Station
Commitment Change Evaluation Summary Report**

Commitment Number	Date of Commitment	Original Commitment	Justification of Change
A-36086	June 8, 2012 GNRO-2012/00053	An integrated assessment report for GGNS, if it is necessary, will be submitted two years after the flood evaluation is completed.	In accordance with the NRC letter (GNRI-2015-00068) issued May 26, 2015 this commitment is deferred until further notice from the NRC
A-12861	February 10, 1988 AECM-88/0025	Provide Entergy, MS an advisory on outage scheduling and when special plant conditions exist to support completion of Entergy, MS scope commitments. Incorporate into administrative procedure regarding outage planning reports for commitment management system.	This commitment is being updated to HISTORIC. The commitment is no longer necessary. The commitment has been tracked for some years, and the required reports following the outage are well established in site processes and License Basis Documents.
A-36169	June 11, 2015 GNRO-2015/00038	Entergy will schedule collection of samples from outside the beltline region.	This action will be scheduled for completion during the 2018 refueling outage as stated acceptable on Page 1 of 1 of Attachment 1 to letter GNRO-2015/00038 dated June 11, 2015.
A-36150	September 25, 2013 GNRO-2013/00012	Prior to operating in the MELLLA+ domain, testing will be performed near the CLTP and the MELLLA+ minimum core flow state point of 80% as well as other state points that may be deemed valuable for the purpose of defining the MCO magnitude and trend.	Revised commitment description to state "prior to operating in the MELLLA+ domain" at the beginning of the commitment. Testing was not performed as originally scheduled during startup from the 2016 refueling outage, but will be performed prior to operating in the MELLLA+ domain.
A-36149	September 25, 2013 GNRO-2013/00012	Any increase of moisture content above the design limit of 0.10 WT % will be evaluated for effect on the RAC monitoring program when MCO testing is complete.	Revised commitment description to state "when MCO testing is complete" at the end of the commitment. This action is to follow MCO testing which was not performed as originally scheduled during startup from the 2016 refueling outage. This commitment will be performed after MCO testing is complete.
A-35993	April 4, 2011 GNRO-2011/00020	Full implementation of the GGNS Cyber Security Plan for all safety, security, and emergency preparedness functions will be achieved.	The full implementation date of the GGNS Cyber Security Plan was extended to December 15, 2017 per NRC approval letter GNRI-2016/00050 dated May 25, 2016.