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GNRO-2018/00040

August 20, 2018

10CFR50.59(d)(2)

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, 2016 through June 30, 2018
Grand Gulf Nuclear Station, Unit 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, 2016 through June 30, 2018 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 Douglas Neve at 601-437-2103.

This letter does not contain any new commitments.

Sincerely,

A handwritten signature in black ink, appearing to read "E. A. Larson", with a long horizontal flourish extending to the right.

Eric A. Larson
Site Vice President
Grand Gulf Nuclear Station
EAL/tdf

Attachment: 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: Document Control Desk
Washington, DC 20555-0001

U.S. Nuclear Regulatory Commission
ATTN: Ms. Jennifer Bridges
1600 East Lamar Boulevard
Arlington, TX 76011-4511

Attachment 1 to GNRO 2018-00040
10CFR50.59 Evaluation Summary Report

Grand Gulf Nuclear Station
10CFR50.59 Evaluation Summary Report

| Evaluation # | Initiating Document | 50.59 Summary |
|--------------------|--|---|
| SE 2016-002 R00 | EC 64185 / LBDCR 2016-039 | Evaluate potential impact of negative pressure in the reactor vessel during startup. Since the resulting negative pressure meets the requirements of ASME Section III, Subsection NB-3133.3 and 3133.4, prior NRC approval is not required. |
| SE 2016-005 R01 | EC 66685 / LBDCR 2016-280 | Bypass Division III emergency diesel engine high crankcase pressure trip for 60 seconds on a diesel start, and bypass all non-critical trips during a bus undervoltage event. Since the result of an actual non-critical condition would be the same with or without the trips in service (i.e., diesel engine shut down to prevent further damage), there is no adverse impact and prior NRC approval is not required. |
| SE 2016-006 R00 | EC 64812 Temporary Modification | Bypass Standby Service Water (SSW) start upon Residual Heat Removal Pump manual start to provide a method to control SSW basin temperature by controlling SSW fans manually instead of automatically during cold weather conditions. Since automatic operation of SSW upon an ECCS signal remains operable, prior NRC approval is not required. |
| SE 2017-001 R00 | EC 75259 | Increase the Reactor Core Isolation Cooling (RCIC) Room High Temperature Isolation time delay from 1 to 10 seconds to prevent spurious actuations. Since any increase in offsite dose from a RCIC line break would continue to be bounded by a main steam line break, prior NRC approval is not required. |
| SE 2017-002 R00 | EC 71136 | Evaluate manual operator action to restart Division I & II emergency diesels as a compensatory measure upon a high crankcase pressure trip in a tornado event. Based on actions put in place and a conclusion that potential operator errors would not be detrimental, prior NRC approval is not required. |
| SE 2017-003 R00 | EC 70732 / LBDCR 2017-059 | Install welded blind flange and change Penetration 73 from a Local Leak Rate Test (LLRT) to an Integrated Leak Rate Test (ILRT). Since the design function of the penetration is unaffected, and testing complies with 10CFR50 Appendix J, prior NRC approval is not required. |
| SE 2017-004 R00 | EC 71314 / LBDCR 2017-036 | Designates restricting orifice between makeup water and Standby Liquid Control system as ASME Class 2 / B31.1 Piping Boundary. Based on compliance with ANS 52.1 and Reg Guide 1.26, prior NRC approval is not required. |
| SE 2018-002 R00 | EC 77707 / LBDCR 2018-051 LBDCR 2018-057 | Cycle 22 Core Operating Limits Report. Base on meeting GESTAR II acceptance criteria, there is no impact on fuel operating limits or licensing analyses and prior NRC approval is not required. |
| SE 2018-004 R00 | EC 41518 CR-GGN-2018-4101 | Evaluates using sand bags and operator action as a compensatory measure for inoperable seals on external doors. The evaluation concluded, based on criteria in NEI 96-70, that prior NRC approval is not required. |

Attachment 2 to GNRO 2018-00040

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-36142 | July 27, 2012 NRC Bulletin 2012-001 | Grand Gulf will follow the generic schedule provided in the Industry Open Phase Condition Initiative. Full Implementation will be achieved by 12/31/2017 | The due date is revised to 12/31/2018 consistent with NEI document "Industry Initiative on Open Phase Condition, Revision 1," dated March 16, 2015. |
| A-36209 | June 11, 2015 GNRO-2015/00038 | Entergy will confirm that future C/M (calculated-to-measured) fluence values at the dosimetry sample locations are reasonably close to one. Due November 30, 2016. | The due date is revised to November 30, 2018, consistent with NRC Safety Evaluation dated August 18, 2015 |
| A-36210 | June 11, 2015 GNRO-2015/00038 | Entergy will include the definition of "reasonably close to one" regarding C/M fluence values at the dosimetry sample locations. Due November 30, 2016. | The due date is revised to November 30, 2018, consistent with NRC Safety Evaluation dated August 18, 2015 |
| A-36211 | June 11, 2015 GNRO-2015/00038 | Entergy will provide plans to address if future C/M fluence values at the dosimetry sample locations are not reasonably close to one. Due December 30, 2016. | The due date is revised to December 30, 2018, consistent with NRC Safety Evaluation dated August 18, 2015 |
| P-35183 | March 15, 2002 GNRO-2002/00029 | B.3.E – Develop and Institute Duress Guidance Training by August 31, 2002 | This commitment is being updated to historic. The commitment has been implemented and tracked for more than ten years. |
| P-24027 | June 28, 1985 AECM-85/0201 | Salem ATWS - Equipment Classification Program for all safety-related Components | This commitment is being updated to historic. The commitment has been implemented and tracked for more than ten years. |
| P-32713 | June 16, 1988 AECM-88/0121 | Plant Procedures will be revised to reference the "CDB" [Component Database] for determining equipment classification | This commitment is being updated to historic. The commitment has been implemented and tracked for more than ten years |