



Philip Hansett
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225-381-4374

RBG-48238

July 20, 2023

10 CFR 50.71(e)
10 CFR 50.59(d)(2)
10 CFR 72.48(d)(2)
10 CFR 54.37(b)

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

Subject: River Bend Station USAR Revision 28, TRM Revision 168, Technical Specifications and Bases Amendment 212 & 23-04, 10 CFR 50.59 Report, 10 CFR 72.48 Report, Commitment Change Summary Report, and 54.37(b) Report

River Bend Station – Unit 1
NRC Docket Nos. 50-458, 72-049
Renewed Facility Operating License No. NPF-47

In accordance with 10 CFR 50.71(e), Entergy Operations, Inc. (EOI) herein submits one CD containing a complete copy of the River Bend Station (RBS) Updated Safety Analysis Report (USAR) with the Revision 28 changes incorporated. Included with this update is an electronic copy of the current RBS Technical Requirements Manual (TRM) Revision 168 and the current RBS Technical Specifications (TS) and Bases Amendment 212 & 23-04. The Revision 28 USAR submittal depicts the effects of changes made in the facility as described in the USAR during the period of July 22, 2021 through July 20, 2023. A list of effective pages is included in Attachment 1 identifying the current USAR pages after incorporation of Revision 28 changes. A summary of changes to the TRM has been included in Attachment 2. A summary of changes to the TS Bases has been included in Attachment 3.

In accordance with 10 CFR 50.71(e)(5), each page containing a Revision 28 change includes the verbiage "Revision 28" at the bottom of the revised page. In addition, each text and table page containing a Revision 28 change includes change bars.

In accordance with 10 CFR 50.59(d)(2), a 50.59 Summary Report is included as Attachment 4. The 50.59 Summary Report contains a summary and copies of the 50.59 evaluations performed for the period July 22, 2021 through July 20, 2023. The Summary Report is provided to meet the requirements of 10 CFR 50.71(e)(2)(ii) for identification of changes made under the provisions of 10 CFR 50.59, but not previously submitted to the Commission.

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In accordance with 10 CFR 72.48(d)(2), Entergy Operation, Inc. is required to submit a summary of 72.48 Evaluations for the period July 22, 2021 through July 20, 2023. There were no 72.48 Evaluations for the indicated period.

In accordance with NEI 98-03, Appendix A, Section A6, a list and short description of information removed from the USAR should be included with each USAR update submittal. A summary of these changes has been included in Attachment 5.

Per the reporting guidelines of Section 5.1 of NEI 99-04, "Guidelines for Managing NRC Commitment Changes," EOI is required to provide recent changes to NRC commitments. There was one commitment change made during the indicated period required to be reported to the NRC. The commitment change has been documented in a Commitment Change Summary Report in Attachment 6.

In accordance with 10 CFR 54.37(b), after a renewed license is issued, the USAR update required by 10 CFR 50.71(e) must include any systems, structures, and components (SSCs) newly identified that would have been subject to an aging management review or evaluation of time-limited aging analyses in accordance with 10 CFR 54.21. The USAR update must describe how the effects of aging will be managed such that the intended function(s) in 10 CFR 54.4(b) will be effectively maintained during the period of extended operation. One USAR change was required in accordance with 10 CFR 54.37(b) during this reporting period. Attachment 7 contains a summary of this change.

There are no regulatory commitments in this letter. Should you have any questions, please contact Randy Crawford at (225) 381-4177.

As required by 10 CFR 50.71(e)(2)(i), the below affirmation certifies that the information in this submittal accurately reflects changes made since the previous submittal necessary to represent information and analyses submitted or prepared to NRC requirements.

I declare under penalty of perjury that the foregoing is true and correct. Executed on July 20, 2023.

Respectfully,



Phil Hansett

PH/bj

Enclosures (One CD):

1. River Bend Station Updated Safety Analysis Report Revision 28
2. River Bend Station Technical Requirements Manual Revision 168
3. River Bend Station Technical Specifications and Bases Amendment 212 & 23-04

Attachments to Enclosure:

1. RBS Updated Safety Analysis Report Revised Pages List
2. Summary of RBS Technical Requirements Manual Changes
3. Summary of RBS Technical Specifications Bases Changes
4. 50.59 Summary Report and Evaluations
5. USAR Only Change Summary Report
6. Commitment Change Summary Report
7. 10 CFR 54.37(b) Change Summary

cc: NRC Regional Administrator - Region IV
NRC Project Manager - River Bend Station
NRC Senior Resident Inspector - River Bend Station
NRC Director, Division of Spent Fuel Management, Office of Nuclear Material Safety and Safeguards

Enclosure 1

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**River Bend Station Updated Safety Analysis Report
Revision 28**

(7093 Pages)

Enclosure 2

RBG-48238

**River Bend Station Technical Requirements Manual
Revision 168**

(291 Pages)

Enclosure 3

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**River Bend Station Technical Specifications and Bases
Amendment 212 & 23-04**

(1218 Pages)