

**~~SECURITY RELATED INFORMATION~~**

**SECTIONS 2.11.1, 2.11.2, AND 2.11.3 OF ENCLOSURE 1 TO BE  
WITHHELD FROM PUBLIC DISCLOSURE IN ACCORDANCE WITH 10 CFR 2.390**



Entergy Operations, Inc.  
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John C. Dinelli  
ANO Site Vice President

10 CFR 50.71(e)

1CAN052001

May 5, 2020

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

**SUBJECT:** ANO Unit 1 SAR Amendment 29, TRM, TS Bases, 10 CFR 50.59 Report,  
and Commitment Change Summary Report  
Arkansas Nuclear One, Unit 1  
NRC Docket No. 50-313  
Renewed Facility Operating License No. DPR-51

Dear Sir or Madam:

In accordance with 10 CFR 50.71(e) and 10 CFR 50.4(b)(6), enclosed is an electronic copy of Amendment 29 to the Arkansas Nuclear One, Unit 1 (ANO-1) Safety Analysis Report (SAR). Included with this update is an electronic copy of the current ANO-1 Technical Requirements Manual (TRM) and the current ANO-1 Technical Specification (TS) Bases. The TS Bases file also includes the Table of Contents which outlines the contents of both the TSs and the TS Bases, since the Table of Contents is revised by the licensee in accordance with 10 CFR 50.59. Pursuant to 10 CFR 50.71(e)(4), these documents are being submitted within six months following the previous ANO-1 refueling outage (1R28) which ended November 20, 2019. Summaries of changes to the ANO-1 TRM and TS Bases are included in Attachments 1 and 2 of this letter, respectively. The SAR, TS Bases, and TRM changes enclosed are for the period beginning November 20, 2018 and ending May 5, 2020.

In accordance with NEI 98-03, Appendix A, Section A6, a list and short description of information removed from the SAR should be included with each SAR update submittal. For this reporting period, information was not removed from the SAR meeting the criteria of either Appendix A, Sections A4 or A5, of NEI 98-03, that would require reporting in accordance with NEI 98-03, Appendix A, Section A6.

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Associated in part with post September 11, 2001, response related to security sensitive information, Entergy has reviewed the ANO-1 SAR and determined that the following items contain information required to be withheld from public disclosure with respect to NRC Regulatory Issue Summary (RIS) 2015-17, "Review and Submission of Updates to Final Safety Analysis Reports, Emergency Preparedness Documents, and Fire Protection Documents."

SAR Section 2.11.1 "Maximum Probable Flood"

SAR Section 2.11.2 "Failure of Upstream Dams"

SAR Section 2.11.3 "Design Flood Evaluation"

The above is consistent with currently redacted information from the ANO-1 SAR (reference ML18323A145). Entergy requests the aforementioned information be withheld from public disclosure in accordance with 10 CFR 2.390. Accordingly, a complete version and a redacted version of the ANO-1 SAR are included on the enclosed compact disc (CD).

In accordance with 10 CFR 54.37(b), after a renewed license is issued, the SAR 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 SAR 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. No SAR changes were required with respect to 10 CFR 50.37(b) during this reporting period.

A summary of ANO-1 10 CFR 50.59 evaluations and those evaluations common between ANO-1 and ANO Unit 2 (ANO-2) associated with changes to Licensing Basis Documents over the reporting period is provided in Attachment 3. Attachment 4 contains a copy of each evaluation.

Attachment 5 contains a summary of changes to regulatory commitments which have occurred over the reporting period.

Attachment 6 includes a list of SAR pages that were updated during the period.

If you have any questions or require additional information, please contact Riley Keele at 479-858-7826.

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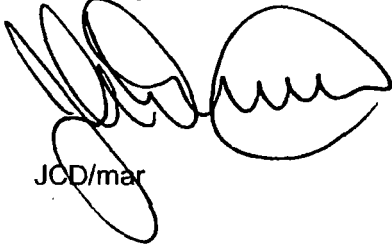
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I hereby certify that to the best of my knowledge and belief, the information contained in the above Licensing Basis Documents accurately reflects changes made since the previous submittal. The changes to these documents reflect information and analyses submitted to the Commission, prepared pursuant to Commission requirements, or made under the provisions of 10 CFR 50.59. Executed on May 5, 2020

Sincerely,



JOD/mar

Attachments:

1. Summary of ANO-1 TRM Changes
2. Summary of ANO-1 TS Bases Changes
3. Summary of ANO-1 and ANO-Common 10 CFR 50.59 Evaluations
4. 10 CFR 50.59 Evaluations – November 13, 2018, through May 5, 2020
5. ANO-1 and ANO-2 Commitment Change Summary Report
6. List of Affected SAR Pages

Enclosures (compact disc):

1. ANO-1 SAR Amendment 29 – Un-redacted Version (CD Rom)
2. ANO-1 SAR Amendment 29 – Redacted Version (CD Rom)
3. ANO-1 TRM (CD Rom)
4. ANO-1 TS Table of Contents and TS Bases (CD Rom)

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cc: NRC Region IV Regional Administrator  
NRC Senior Resident Inspector – Arkansas Nuclear One  
NRC Project Manager – Arkansas Nuclear One  
Designated Arkansas State Official

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