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Jeremy G. Browning
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1CAN011406

January 29, 2014

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

SUBJECT: Amendment 25 of the ANO Unit 1 Safety Analysis Report
Arkansas Nuclear One, Unit 1
Docket No. 50-313
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 25 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 (1R24) which ended August 7, 2013. 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 April 26, 2012, and ending January 29, 2014.

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. There were no changes involving the removal of detail from the SAR during this reporting period.

In accordance with 10 CFR 50.37(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. However, no SAR changes were required with respect to 10 CFR 50.37(b) during this period.

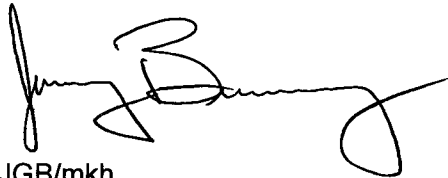
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A summary of ANO-1 10 CFR 50.59 evaluations and those evaluations common between ANO-1 and ANO Unit 2 (ANO-2) associated with changes to Licensing Basis Documents over the reporting period will be provided under a separate cover letter within 30 days. The report will include a summary of changes to regulatory commitments which may have occurred over the reporting period. This is documented as a commitment in Attachment 3 of this letter.

If you have any questions or require additional information, please contact Stephenie Pyle at 479-858-4704.

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 January 29, 2014.

Sincerely,

A handwritten signature in black ink, appearing to be 'JGB/mkh', written over a horizontal line.

JGB/mkh

Attachments:

1. Summary of ANO-1 TRM Changes
2. Summary of ANO-1 TS Bases Changes
3. List of Regulatory Commitments

Enclosures (compact disc):

1. ANO-1 SAR Amendment 25
2. ANO-1 TRM
3. ANO-1 TS Table of Contents and TS Bases

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Attachment 1 to

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Summary of ANO-1 TRM Changes

Summary of ANO-1 TRM Changes

The following changes to the Arkansas Nuclear One, Unit 1 (ANO-1) Technical Requirements Manual (TRM) were implemented in accordance with the provisions of 10 CFR 50.59. Because these changes were implemented without prior NRC approval, a description is provided below:

<u>Revision #</u>	<u>TRM Section</u>	<u>Description of Change</u>
41	Table of Contents 3.4.5 3.5.1 B 3.4.5 B 3.4.13	Condition Report CR-ANO-1-2012-1412, "Clarification of RCS Leakage Safety Evaluation"
42	3.3.2 Table 3.3.2-1 Table 3.3.2-2 B 3.3.2	Engineering Change EC-33710, "Seismic Monitoring System Upgrade"
43	3.3.2 Table 3.3.2-1 B 3.3.2	Licensing Basis Document Change LBDC 13-001, "Clarification of Seismic Monitoring Requirements"
44	Table 3.7.11-1	License Basis Document Change LBDC 13-014, "Editorial Correction of Fire Hose Elevation"
45	B 3.3.2	Condition Report CR-ANO-C-2013-1465, "Clarification of Seismic Monitoring Requirements"
46	3.7.12 Table 3.7.12-1 Table 3.7.12-2 B 3.7.12	Condition Report CR-ANO-C-2013-0078, "Separate Listing of Fire-Related Hatches and Doors"

Attachment 2 to

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Summary of ANO-1 TS Bases Changes

Summary of ANO-1 TS Bases Changes

The following changes to the Arkansas Nuclear One, Unit 1 (ANO-1) Technical Specification (TS) Bases were implemented in accordance with the provisions of 10 CFR 50.59 and the Bases Control Program of ANO-1 TS 5.5.14. Because these changes were implemented without prior NRC approval, a description is provided below:

<u>Revision #</u>	<u>Bases Section</u>	<u>Description of Change</u>
45	3.7.6	Licensing Basis Document Change LBDC 12-031, "Clarification of EFW Backup Water Source" and Condition Report CR-ANO-1-2012-1412, "Clarification of RCS Leakage Safety Evaluation"
46	B 3.7.7	Licensing Basis Document Change LBDC 13-002, "VCH-4A/B Service Water Technical Specification Applicability"
47	B 3.2.2	Licensing Basis Document Change LBDC 13-005, "Revise APSR TS 3.2.2 Bases Consistent with the COLR"

Attachment 3 to

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List of Regulatory Commitments

List of Regulatory Commitments

The following table identifies an action committed to by Entergy in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

COMMITMENT	TYPE (Check one)		SCHEDULED COMPLETION DATE (If Required)
	ONE- TIME ACTION	CONTINUING COMPLIANCE	
A summary of Arkansas Nuclear One – Unit 1 (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 will be provided under a separate cover letter within 30 days. The report will include a summary of changes to regulatory commitments which may have occurred over the reporting period.	X		February 29, 2014

Enclosure 1 to

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ANO-1 SAR Amendment 25

Enclosure 2 to

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ANO-1 TRM

Enclosure 3 to

1CAN011406

ANO-1 TS Table of Contents and TS Bases