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Jeremy G. Browning
Site Vice President
Arkansas Nuclear One

1CAN021502

February 6, 2015

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

SUBJECT: Responses to Request for Additional Information
Update the Reactor Coolant System Pressure and Temperature and the
Low Temperature Overpressure Protection System Limits
Arkansas Nuclear One, Unit 1
Docket No. 50-313
License No. DPR-51

REFERENCES: 1 Entergy letter to NRC, "License Amendment Request Update the Reactor
Coolant System Pressure and Temperature and the Low Temperature
Overpressure Protection System Limits," dated November 21, 2014
(1CAN111401) (ML14330A249)

2 NRC email to Entergy, dated January 21, 2015, "Requests for Additional
Information – ANO-1 P/T and LTOP LAR to Extend P/T Curves to
54 EFPY – TAC No. MF5292"

Dear Sir or Madam:

In accordance with the provisions of Title 10 of the Code of Federal Regulations (10 CFR) Section 50.90, Entergy Operations, Inc. (Entergy) submitted a request for an amendment to the Arkansas Nuclear One, Unit 1 (ANO-1) Technical Specifications (TS) to revise the Reactor Coolant System Pressure and Temperature (P/T) Limits (TS 3.4.3); Pressurizer (TS 3.4.9); Pressurizer Safety Valves (TS 3.4.10); and Low Temperature Overpressure Protection (LTOP) System (TS 3.4.11) requirements (Reference 1). The proposed changes would extend the applicability of the limits from 31 Effective Full Power Years (EFPY) to 54 EFPY.

The NRC Staff has reviewed the submittal and developed a request for additional information. This request was provided via Reference 2. The purpose of this submittal is to provide the requested information.

Attachment 1 to this letter contains proprietary information – Attachment 1 is withheld from public disclosure per 10 CFR 2.390.

AOU
NRK

AREVA document ANP-3300Q1P, Revision 0, "Response to Request for Additional Information on Reactor Coolant System Pressure/Temperature and Low Temperature Overpressure Protection System Limits to 54 EFPY for Arkansas Nuclear One, Unit 1," has been prepared with the responses to the request. The information contained in the AREVA document is considered proprietary to AREVA. Attachment 1 is the proprietary version of the document. A non-proprietary version of the AREVA document is included in Attachment 2. AREVA requests that the proprietary information be withheld from public disclosure in accordance with 10 CFR 2.390. AREVA has provided Entergy with authorization to provide the proprietary information. An affidavit by the information owner, AREVA, supporting the request for non-disclosure is provided in Attachment 3. Therefore, Entergy requests that Attachment 1 of this submittal be withheld from public disclosure in accordance with 10 CFR 2.390.

With respect to the original Entergy request, the change included in this letter has been evaluated and Entergy has determined that the changes do not invalidate the assessment of the no significant hazards consideration included in the reference letter.

In accordance with 10 CFR 50.91(b)(1), a copy of this application is being provided to the designated Arkansas state official.

No new commitments have been identified in this letter.

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

I declare under penalty of perjury that the foregoing is true and correct.
Executed on February 6, 2015.

Sincerely,



JGB/rwc

Attachments

1. AREVA document ANP-3300Q1P, "Response to Request for Additional Information on Reactor Coolant System Pressure/Temperature and Low Temperature Overpressure Protection System Limits to 54 EFPY for Arkansas Nuclear One, Unit 1,"
PROPRIETARY
2. AREVA document ANP-3300Q1NP, "Response to Request for Additional Information on Reactor Coolant System Pressure/Temperature and Low Temperature Overpressure Protection System Limits to 54 EFPY for Arkansas Nuclear One, Unit 1,"
NON-PROPRIETARY
3. Affidavit

Attachment 1 to this letter contains proprietary information – Attachment 1 is withheld from public disclosure per 10 CFR 2.390.

cc: Mr. Marc L. Dapas
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