

NRR-PMDAPEm Resource

From: Wengert, Thomas
Sent: Thursday, November 10, 2016 11:05 AM
To: BICE, DAVID B (ANO); CLARK, ROBERT W
Cc: Tilton, Caroline; Huang, John; Broadus, Doug
Subject: Arkansas Nuclear One, Unit 2 (ANO-2) - Draft RAI Concerning License Amendment Request to Adopt TSTF-545 (CAC MF7535)
Attachments: ANO-2 TSTF-545 IST SR DRAFT RAI.pdf

By letter dated March 25, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16088A186), Entergy Operations, Inc. (the licensee), submitted a license amendment request (LAR) regarding the Arkansas Nuclear One Unit 2 (ANO-2) Facility Operating License. The LAR requests the adoption of Technical Specifications Task Force (TSTF) Standard Technical Specifications (STS) Change Traveler TSTF-545, Revision 3, "TS Inservice Testing [IST] Program Removal & Clarify SR [Surveillance Requirement] Usage Rule Application to Section 5.5 Testing" (ADAMS Accession No. ML15294A555), dated October 21, 2015. U.S. Nuclear Regulatory Commission (NRC)-approved TSTF-545 was made available via the *Federal Register* on March 18, 2016 (ADAMS Accession No. ML16060A162).

The NRC staff has determined that additional information, as described in the attached request for additional information (RAI), is required for the staff to complete its review of the ANO-2 TSTF-545 application.

This RAI is identified as draft at this time to confirm your understanding of the information that the NRC staff needs to complete its evaluation. If this request for information is understood, please respond to this request for additional information within 30 days of the date of this request. Please contact me if you would like to set up a conference call to clarify this request for information.

Tom Wengert
Project Manager – Arkansas Nuclear One, Units 1 and 2
NRR/DORL/LPL4-2
(301) 415-4037

Hearing Identifier: NRR_PMDA
Email Number: 3167

Mail Envelope Properties (Thomas.Wengert@nrc.gov20161110110500)

Subject: Arkansas Nuclear One, Unit 2 (ANO-2) - Draft RAI Concerning License
Amendment Request to Adopt TSTF-545 (CAC MF7535)
Sent Date: 11/10/2016 11:05:25 AM
Received Date: 11/10/2016 11:05:00 AM
From: Wengert, Thomas

Created By: Thomas.Wengert@nrc.gov

Recipients:

"Tilton, Caroline" <Caroline.Tilton@nrc.gov>
Tracking Status: None
"Huang, John" <John.Huang@nrc.gov>
Tracking Status: None
"Broaddus, Doug" <Doug.Broaddus@nrc.gov>
Tracking Status: None
"BICE, DAVID B (ANO)" <DBICE@entergy.com>
Tracking Status: None
"CLARK, ROBERT W" <RCLARK@entergy.com>
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	1511	11/10/2016 11:05:00 AM
ANO-2 TSTF-545 IST SR DRAFT RAI.pdf		95248

Options

Priority:	Standard
Return Notification:	No
Reply Requested:	No
Sensitivity:	Normal
Expiration Date:	
Recipients Received:	

DRAFT REQUEST FOR ADDITIONAL INFORMATION
ARKANSAS NUCLEAR ONE UNIT 2
LICENSE AMENDMENT REQUEST FOR ADOPTION OF TSTF-545,
“TS INSERVICE TESTING PROGRAM &
CLARIFY SR USAGE RULE APPLICATION TO SECTION 5.5”
DOCKET NO. 50-368

By letter dated March 25, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16088A186), Entergy Operations, Inc. (the licensee), submitted a license amendment request (LAR) regarding the Arkansas Nuclear One Unit 2 (ANO-2) Facility Operating License. The LAR requests the adoption of Technical Specifications Task Force (TSTF) Standard Technical Specifications (STS) Change Traveler TSTF-545, Revision 3, “TS Inservice Testing [IST] Program Removal & Clarify SR [Surveillance Requirement] Usage Rule Application to Section 5.5 Testing” (ADAMS Accession No. ML15294A555), dated October 21, 2015. U.S. Nuclear Regulatory Commission (NRC)-approved TSTF-545 was made available via the Federal Register on March 18, 2016 (ADAMS Accession No. ML16060A162). The NRC staff requires additional information to complete its review of this LAR, as described below.

Request for Additional Information

During the review of the LAR, the NRC staff noted that ANO-2 TS 4.4.1.3.1 states that the required shutdown cooling loop(s) shall be determined OPERABLE per the Inservice Testing Program. In addition, TS 4.9.8.2 states that the required shutdown cooling loops shall be determined OPERABLE per the Inservice Testing Program.

In general, an IST program that fulfills the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.55a(f) does not contain specific criteria or requirements to verify that systems’ loops are operable. Therefore, the NRC staff request a detailed explanation (including specific testing requirements and acceptance criteria contained in the IST program) as to how these two surveillance requirements assure that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the limiting conditions for operation will be met.

Regulatory Basis

The regulation in 10 CFR 50.36(c)(3) states the following:

Surveillance requirements. Surveillance requirements are requirements relating to test, calibration, or inspection to assure that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the limiting conditions for operation will be met.

The requested information is required for the NRC staff to understand how the licensee meets the requirements stated above.