

NRR-PMDAPem Resource

From: Saba, Farideh
Sent: Monday, February 13, 2017 1:58 PM
To: Gordon Arent; Wells, Russell Douglas
Cc: Nadel, Jared; Patel, Ami; Fitzpatrick, Robert; Goel, Vijay; Snyder, Pete; Schaaf, Robert; Clayton, Beverly; Schrull, Edward Dustin (edschrull@tva.gov); Beasley, Benjamin
Subject: Watts Bar 1 and 2 - Request for Additional Information Regarding License Amendment Request for a One-time Extension of Tech Spec Surveillance Requirements for AC Sources (CAC Nos. MF8481 and MF8482)
Attachments: Watts Bar - Draft RAI for AC Sources SR Extension CAC MF8481 MF8482.pdf

Importance: High

Tracking:

Recipient

Read

Gordon Arent

Wells, Russell Douglas

Nadel, Jared

Patel, Ami

Fitzpatrick, Robert

Goel, Vijay

Snyder, Pete

Read: 2/13/2017 2:00 PM

Schaaf, Robert

Clayton, Beverly

Schrull, Edward Dustin (edschrull@tva.gov)

Beasley, Benjamin

Gentlemen,

By letter dated October 17, 2016 (Agencywide Documents Access and Management System Accession No. ML16291A543), the Tennessee Valley Authority submitted a license amendment request to revise a limited number of Technical Specification (TS) Surveillance Requirements (SRs) for Watts Bar Nuclear Plant (WBN), Units 1 and 2, relating to AC sources. Specifically, the proposed amendments would revise the TSs to allow a one-time extension to the 18-month TS SRs performed to verify operability of the diesel generators.

The U.S. Nuclear Regulatory Commission (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 subject application.

A draft RAI was sent to you on February 9, 2017, to confirm your understanding of the information that the NRC staff needs to complete the evaluation. By an email dated February 13, 2017, you confirmed that you understand the staff's RAI and no clarification call is needed. Also, you confirmed that you will respond to the staff RAI within 30 days of receiving the RAI officially, which is March 15, 2017. Please consider this email as the staff official request for this RAI.

Thanks,

Farideh
Farideh E. Saba, P.E.

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Hearing Identifier: NRR_PMDA
Email Number: 3339

Mail Envelope Properties (Farideh.Saba@nrc.gov20170213135700)

Subject: Watts Bar 1 and 2 - Request for Additional Information Regarding License Amendment Request for a One-time Extension of Tech Spec Surveillance Requirements for AC Sources (CAC Nos. MF8481 and MF8482)

Sent Date: 2/13/2017 1:57:46 PM

Received Date: 2/13/2017 1:57:00 PM

From: Saba, Farideh

Created By: Farideh.Saba@nrc.gov

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Tracking Status:: Response: Read : 2/13/2017 2:00:00 PM

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Post Office:

Files	Size	Date & Time	
MESSAGE	1444	2/13/2017 1:57:00 PM	
Watts Bar - Draft RAI for AC Sources SR Extension CAC MF8481 MF8482.pdf			140897

Options

Priority: High

Return Notification: No

Reply Requested: Yes

Sensitivity: Normal

Expiration Date:

Recipients Received:

REQUEST FOR ADDITIONAL INFORMATION REGARDING LICENSE AMENDMENT
REQUEST FOR A ONE-TIME EXTENSION OF TECHNICAL SPECIFICATION
SURVEILLANCE REQUIREMENTS FOR AC SOURCES
WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2
(CAC NOS. MF8481 & MF8482)

By letter dated October 17, 2016 (Agency wide Document Access Management System Accession Number ML16291A543), Tennessee Valley Authority (the licensee) requested an amendment to Facility Operating License Nos. NPF-90 and NPF-96 for the Watts Bar Nuclear Plant (WBN), Units 1 and 2. The proposed amendment would revise a limited number of Technical Specification (TS) Surveillance Requirements (SRs) relating to AC Sources because of delays in the startup of WBN Unit 2. Specifically, for WBN Unit 1, the proposed amendment would revise the TSs to allow a one-time extension of 18-month SRs 3.8.1.9, 3.8.1.10, 3.8.1.11, 3.8.1.13, 3.8.1.16, 3.8.1.18, and 3.8.1.19 to November 30, 2017. For WBN Unit 2, the proposed amendment would revise the TSs to allow a one-time extension of 18-month SRs 3.8.1.9, 3.8.1.10, 3.8.1.11, 3.8.1.12, 3.8.1.13, 3.8.1.16, 3.8.1.17, 3.8.1.18, and 3.8.1.19 to November 30, 2017.

The U.S. Nuclear Regulatory Commission staff requests the licensee to provide additional information as stated below:

Regulatory Requirement

The regulation at Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50.36(c)(2)(i) "Limiting conditions for operation" states, in part, that limiting conditions for operation (LCOs) are the lowest functional capability performance levels of equipment required for safe operation of the facility. When a limiting condition for operation is not met, the licensee shall shut down the reactor or follow any remedial action permitted by the technical specifications until the condition can be met.

10 CFR 50.36(c)(3), "Technical Specifications," include SRs, which 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 extension in SRs requested in the licensee amendment request (LAR) is to meet the requirements of LCO 3.8.1.

Request for Additional Information (RAI) No. 1

In the LAR, the licensee stated that WBN Unit 1 is scheduled for a refueling outage in spring 2017. While some of the information presented in the LAR indicates that the requested extensions only apply to DGs 2A-A and 2B-B, the LAR and proposed additions to TS Table SR 3.0.2-1 are unclear regarding whether SRs 3.8.1.9, 3.8.1.10, 3.8.1.11, 3.8.1.13, 3.8.1.16, 3.8.1.18, and 3.8.1.19 will be performed on DGs 1A-A and 1B-B during the refueling outage for Unit 1.

ENCLOSURE

Please clarify that SRs 3.8.1.9, 3.8.1.10, 3.8.1.11, 3.8.1.13, 3.8.1.16, 3.8.1.18, and 3.8.1.19 will be performed on DGs 1A-A and 1B-B during the refueling outage for Unit 1. Also clarify that the extension in test intervals for these SRs for WBN Unit 1 is being requested because similar SRs on DGs 2A-A and 2B-B cannot be performed until refueling of Unit 2, and to meet the requirements of LCO 3.8.1, the completion of SRs 3.8.1.9, 3.8.1.10, 3.8.1.11, 3.8.1.13, 3.8.1.16, 3.8.1.18, and 3.8.1.19 for all four DGs needs to be current within 18 months plus the allowable 25 percent extension from the last performance of these surveillances.

RAI 2

In the LAR on Page E1-11, the licensee stated that the review of last three previous surveillances for the integrated DG testing indicates no failures.

Please provide summaries of the previous three performances (indicating dates on which performed, SR No., DG No. etc.) for SRs 3.8.1.9, 3.8.1.10, 3.8.1.11, 3.8.1.12, 3.8.1.13, 3.8.1.16, 3.8.1.17, 3.8.1.18, and 3.8.1.19 for all DGs.

RAI 3

In the LAR on Pages E1-11 and E1-12, the licensee stated that other recent testing(s) also effectively performed SR 3.8.16. Please explain how the other recent testing(s) effectively performed SR 3.8.1.16.