



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 18, 2017

Mr. Joseph W. Shea  
Vice President, Nuclear Regulatory Affairs  
and Support Services  
Tennessee Valley Authority  
1101 Market Street, LP 3R-C  
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT, UNIT 2 – CORRECTION TO AMENDMENT  
NO. 13 REGARDING SURVEILLANCE REQUIREMENT EXTENSIONS (CAC  
NO. MF8895)

Dear Mr. Shea:

By letter dated July 11, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17180A024), the U.S. Nuclear Regulatory Commission issued Amendment No. 13 for the Watts Bar Nuclear Plant, Unit 2, Facility Operating License (FOL) No. NPF-96. This amendment revised Technical Specification (TS) Surveillance Requirement (SR) 3.0.2 to allow a one-time interval extension for SRs listed in Attachments 5, 6, 7, 9, 12, 13, 14, 15, 16, and 17, to Enclosure 1 of your November 23, 2017, license amendment request, which was supplemented by letters dated February 16, 2017, and June 9, 2017.

Specifically, updated FOL No. NPF-96, page 3, was included with Amendment No. 13, as were TS pages 3.0-8 through 3.0-11, which included TS Table SR 3.0.2-1. Table 3.0.2-1 lists SRs that have been extended by Amendment No. 13 and previous amendments. Amendment No. 12 was issued on June 28, 2017 (ADAMS Accession No. ML17138A100), and included SR 3.8.1.19. One SR, being SR 3.8.1.19, was missing from Table 3.0.2-1 when Amendment No. 13 was issued on July 11, 2017.

Enclosed is the corrected TS page 3.0-11 for Amendment No. 13. Please use this page when making changes to FOL No. NPF-96 related to Amendment No. 13.

J. Shea

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If you have any questions regarding this matter, please contact me at (301) 415-1383 or [Robert.Schaaf@nrc.gov](mailto:Robert.Schaaf@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Robert G. Schaaf". The signature is fluid and cursive, with the first name "Robert" being the most prominent.

Robert G. Schaaf, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-391

Enclosure:  
Corrected page 3.0-11 for Amendment  
No. 13

cc w/enclosure: Distribution via Listserv

**ENCLOSURE**

CORRECTED WATTS BAR NUCLEAR PLANT, UNIT 2, RENEWED FACILITY  
OPERATING LICENSE NO. NPF-96, PAGE 3.0-11

FOR LICENSE AMENDMENT NO. 13  
DATED JULY 11, 2017

3.0 SR APPLICABILITY (continued)

Table SR 3.0.2-1		
Surveillance Requirement (SR)	Description of SR Requirement	Frequency Extension Limit
3.8.1.16	Verify each DG: a. Synchronizes with offsite power source while loaded with emergency loads upon a simulated restoration of offsite power; b. Transfers loads to offsite power source; and c. Returns to ready-to-load operation	11/30/17
3.8.1.17	Verify, DG 2A-A and 2B-B operating in test mode and connected to its bus, an actual or simulated ESF actuation signal overrides the test mode by: a. Returning DG to ready-to-load operation; and b. Automatically energizing the emergency load from offsite power.	11/30/17
3.8.1.18	Verify the time delay setting for each sequenced load block is within limits for each accident condition and non-accident condition load sequence.	11/30/17
3.8.1.19	Verify on an actual or simulated loss of offsite power signal in conjunction with an actual or simulated ESF actuation signal: a. De-energization of emergency buses; b. Load shedding from emergency buses; and c. DG auto-starts from standby condition and: 1. energizes permanently connected loads in $\leq 10$ seconds, 2. energizes auto-connected emergency loads through load sequencer, 3. achieves steady state voltage: $\geq 6800$ V and $\leq 7260$ V, 4. achieves steady state frequency $\geq 59.8$ Hz and $\leq 60.1$ Hz, and 5. supplies permanently connected and auto-connected emergency loads for $\geq 5$ minutes.	11/30/17
5.7.2.4b	Perform integrated leak test for each system at least once per 18 months. Specifically, only the centrifugal charging pump injection portion of the safety injection system.	10/31/17

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**ADAMS Accession No.: M17198A266**

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