



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

February 1, 2022

Mr. James Barstow  
Vice President, Nuclear Regulatory Affairs  
and Support Services  
Tennessee Valley Authority  
1101 Market Street, LP 4A-C  
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT, UNIT 2 - CORRECTION OF ERRORS  
INCURRED DURING ISSUANCE OF THE INITIAL FACILITY OPERATING  
LICENSE, AND ISSUANCE OF LICENSE AMENDMENT NOS. 6, 21, AND 39

Dear Mr. Barstow:

The purpose of this letter is to issue corrections to the Watts Bar Nuclear Plant (Watts Bar), Unit 2, Facility Operating License (FOL) No. NPF-96. During Tennessee Valley Authority's review of the Watts Bar FOL and technical specifications (TS), it identified editorial errors that were initiated during the U.S. Nuclear Regulatory Commission (NRC) staff's issuance of the initial FOL and three subsequent license amendments. The errors and circumstances are described below.

During the issuance of the Watts Bar, Unit 2, FOL No. NPF-96 (Agencywide Documents and Management System (ADAMS) Accession No. ML15251A587) on October 22, 2015, which included the Environmental Protection Plan (EPP) as Appendix B, the NRC staff neglected to remove Section 3.3, "Maintenance of Transmission Line Corridors," from the EPP table of contents. As documented in a letter from the Tennessee Valley Authority to the NRC, dated September 4, 2015 (ADAMS Accession No. ML15247A564), the Watts Bar, Unit 2, EPP did not contain a section that described maintenance of transmission line corridors." Therefore, when the NRC staff issued the Watts Bar, Unit 2 FOL, it also erroneously included Section 3.3 within the Watts Bar, Unit 2, EPP table of contents.

On February 23, 2017, the NRC issued Amendment No. 6 to FOL No. NPF-96 (ADAMS Accession No. ML16349A428). This amendment, in part, added new Limiting Condition for Operation (LCO) 3.0.8. On TS page 3.0.3, the NRC staff did not include "LCO" in the heading. Additionally, during the initial issuance of the FOL, the NRC unnecessarily included the term "(continued)" in the heading.

On August 30, 2018, the NRC issued Amendment No. 21 to FOL No. NPF-96 (ADAMS Accession No. ML18197A307). This amendment changed, in part, TS 3.3.1, Condition D, for one power-range neutron flux high channel inoperable. On page 3.3-2 of the Watts Bar, Unit 2, TSs, the NRC staff did not include an opening parenthesis around the word "continued."

On June 22, 2020, the NRC issued Amendment No. 39 to FOL No. NPF-96 (ADAMS Accession No. ML20016A278). This amendment addressed miscellaneous administrative changes to TSs.

J. Barstow

The NRC staff inserted an extraneous heading on TS page 3.0-4, and erroneously included the term "(continued)" in the heading on TS page 3.0-5.

The purpose of this letter is to issue a correction to the Watts Bar, Unit 2, FOL No. NPF-96, EPP table of contents, and TS pages 3.0-3, 3.3-2, 3.0-4, and 3.0-5, for the initial license, and Amendment Nos. 6, 21, and 39, respectively. The NRC concludes that these corrections are entirely editorial in nature and do not change the staff's previous conclusion in the safety evaluations for issuance of the initial FOL, and Amendment Nos. 6, 21, and 39, nor do they affect the no significant hazards considerations, as published in the *Federal Register* on October 22, 2015 (81 FR 28905), November 22, 2016 (81 FR 83878), July 16, 2018 (83 FR 32913), and August 13, 2019 (84 FR 40099), respectively. Enclosed, please find corrected table of contents for the EPP, and TS pages 3.0-3, 3.3-2, 3.0-4, and 3.0-5 of the Watts Bar, Unit 2, TSs.

If you have any questions regarding this matter, please contact me at (301) 415-1627 or by email at [Kimberly.Green@nrc.gov](mailto:Kimberly.Green@nrc.gov).

Sincerely,

*/RA/*

Kimberly J. Green, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-391

Enclosure:  
Correction to Initial Facility Operating License  
Correction to Amendment No. 6  
Correction to Amendment No. 21  
Correction to Amendment No. 39

cc: Listserv

## **ENCLOSURE**

WATTS BAR NUCLEAR PLANT, UNIT NO. 2

DOCKET NO. 50-391

CORRECTED INITIAL FACILITY OPERATING LICENSE, AND  
LICENSE AMENDMENT NOS. 6, 21, AND 39

FACILITY OPERATING LICENSE NO. NPF-96 EPP TABLE OF CONTENTS,  
AND TECHNICAL SPECIFICATIONS PAGES 3.0-3, 3.3-2, 3.0-4 AND 3.0-5

**WATTS BAR NUCLEAR PLANT  
UNIT 2**

**ENVIRONMENTAL PROTECTION PLAN  
(NON-RADIOLOGICAL)**

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### 3.0 LCO APPLICABILITY

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LCO 3.0.7 Test Exception LCO 3.1.9 allows specified Technical Specification (TS) requirements to be changed to permit performance of special tests and operations. Unless otherwise specified, all other TS requirements remain unchanged. Compliance with Test Exception LCOs is optional. When a Test Exception LCO is desired to be met but is not met, the ACTIONS of the Test Exception LCO shall be met. When a Test Exception LCO is not desired to be met, entry into a MODE or other specified condition in the Applicability shall be made in accordance with the other applicable Specifications.

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LCO 3.0.8 When one or more required snubbers are unable to perform their associated support function(s), any affected supported LCO(s) are not required to be declared not met solely for this reason if risk is assessed and managed, and

- a. the snubbers not able to perform their associated support function(s) are associated with only one train or subsystem of a multiple train or subsystem supported system or are associated with a single train or subsystem supported system and are able to perform their associated support function within 72 hours; or
- b. the snubbers not able to perform their associated support function(s) are associated with more than one train or subsystem of a multiple train or subsystem supported system and are able to perform their associated support function within 12 hours.

At the end of the specified period, the required snubbers must be able to perform their associated support function(s), or the affected supported system LCO(s) shall be declared not met.

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ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One channel or train inoperable.	C.1 Restore channel or train to OPERABLE status.	48 hours
	<p style="text-align: center;"><u>OR</u></p> C.2 Open RTBs.	49 hours
D. One Power Range Neutron Flux-High channel inoperable.	<p style="text-align: center;">-----NOTES-----</p> 1. The inoperable channel may be bypassed for up to 12 hours for surveillance testing and setpoint adjustment of other channels.  2. Perform SR 3.2.4.2 if input to QPTR from one or more Power Range Neutron Flux channels are inoperable with THERMAL POWER > 75% RTP.  -----	
	D.1 Place channel in trip.	72 hours
	<p style="text-align: center;"><u>OR</u></p> D.2 Be in MODE 3.	78 hours

(continued)

### 3.0 SURVEILLANCE REQUIREMENT (SR) APPLICABILITY

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SR 3.0.1 SRs shall be met during the MODES or other specified conditions in the Applicability for individual LCOs, unless otherwise stated in the SR. Failure to meet a Surveillance, whether such failure is experienced during the performance of the Surveillance or between performances of the Surveillance, shall be failure to meet the LCO. Failure to perform a Surveillance within the specified Frequency shall be failure to meet the LCO except as provided in SR 3.0.3. Surveillances do not have to be performed on inoperable equipment or variables outside specified limits.

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SR 3.0.2 The specified Frequency for each SR is met if the Surveillance is performed within 1.25 times the interval specified in the Frequency, as measured from the previous performance or as measured from the time a specified condition of the Frequency is met.

For Frequencies specified as "once," the above interval extension does not apply.

If a Completion Time requires periodic performance on a "once per . . ." basis, the above Frequency extension applies to each performance after the initial performance.

Exceptions to this Specification are stated in the individual Specifications.

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SR 3.0.3 If it is discovered that a Surveillance was not performed within its specified Frequency, then compliance with the requirement to declare the LCO not met may be delayed, from the time of discovery, up to 24 hours or up to the limit of the specified Frequency, whichever is greater. This delay period is permitted to allow performance of the Surveillance. A risk evaluation shall be performed for any Surveillance delayed greater than 24 hours and the risk impact shall be managed.

If the Surveillance is not performed within the delay period, the LCO must immediately be declared not met, and the applicable Condition(s) must be entered.

(continued)

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3.0 SR APPLICABILITY

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SR 3.0.3  
(continued)                      When the Surveillance is performed within the delay period and the Surveillance is not met, the LCO must immediately be declared not met, and the applicable Condition(s) must be entered.

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SR 3.0.4                              Entry into a MODE or other specified condition in the Applicability of an LCO shall only be made when the LCO's Surveillances have been met within their specified Frequency, except as provided by SR 3.0.3. When an LCO is not met due to Surveillances not having been met, entry into a MODE or other specified condition in the Applicability shall only be made in accordance with LCO 3.0.4.

This provision shall not prevent entry into MODES or other specified conditions in the Applicability that are required to comply with ACTIONS or that are part of a shutdown of the unit.

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J. Barstow

SUBJECT: WATTS BAR NUCLEAR PLANT, UNIT 2 - CORRECTION OF ERRORS INCURRED DURING ISSUANCE OF THE INITIAL FACILITY OPERATING LICENSE, AND ISSUANCE OF LICENSE AMENDMENT NOS. 6, 21, AND 39 DATED FEBRUARY 1, 2022

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**ADAMS Accession No.: ML21347A967**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM
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