



Post Office Box 2000, Spring City, Tennessee 37381-2000

WBL-22-032

June 1, 2022

10 CFR 50.4  
10 CFR 50.71(e)

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Watts Bar Nuclear Plant, Units 1 and 2  
Facility Operating License Nos. NPF-90 and NPF-96  
NRC Docket Nos. 50-390 and 50-391

Subject: **Watts Bar Nuclear Plant (WBN) Dual Unit Updated Final Safety Analysis Report (UFSAR) Amendment 4**

Reference: Tennessee Valley Authority (TVA) letter to the Nuclear Regulatory Commission (NRC) "Watts Bar Nuclear Plant (WBN) - Dual Unit Updated Final Safety Analysis Report (UFSAR) Amendment 3," dated October 29, 2020 (ML20303A048)

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 50.4(b)(6) and 10 CFR 50.71(e), enclosed for Watts Bar Nuclear Plant (WBN), are two compact discs (CD-ROM) that contain Amendment 4 of the dual-unit Updated Final Safety Analysis Report (UFSAR).

In accordance with Regulatory Issue Summary (RIS) 2015-17, "Review and Submission of Updates to Final Safety Analysis Reports, Emergency Preparedness Documents, and Fire Protection Documents," TVA is submitting a redacted copy of Amendment 4 UFSAR for NRC Public Use (Enclosure 1) and the Non-Public Use version (Enclosure 2) that contains security related information that should be withheld from public disclosure in accordance with 10 CFR 2.390.

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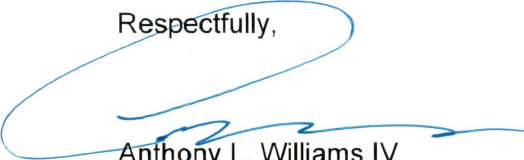
A brief description and summary of the 10 CFR 50.59 safety evaluations of changes, tests, and experiments, reportable pursuant to 10 CFR 50.59 is being submitted under separate cover letter.

There are no regulatory commitment changes to be submitted in accordance with Nuclear Energy Institute (NEI) 99-04, "Guidelines for Managing NRC Commitment Changes."

There are no new regulatory commitments associated with this submittal. Please direct any questions concerning this matter to Jonathan Johnson, Site Licensing Manager, at [jtjohnson0@tva.gov](mailto:jtjohnson0@tva.gov).

I certify that I am duly authorized by TVA, and that, to the best of my knowledge and belief, the information contained herein accurately presents changes made since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirements.

Respectfully,



Anthony L. Williams IV  
Site Vice President,  
Watts Bar Nuclear Plant

Enclosures:

1. Watts Bar Nuclear Plant Redacted Updated Final Safety Analysis Report (Public Use) Amendment 4
2. Watts Bar Nuclear Plant Updated Final Safety Analysis Report (Non-Public Use) Amendment 4

cc: (w/o Enclosures):

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector- Watts Bar Nuclear Plant  
NRC Project Manager – Watts Bar Nuclear Plant

**ENCLOSURE 1**

**Redacted Updated Final Safety Analysis Report  
(Public Use)  
Amendment 4  
(Provided on Enclosed Compact Disc)**

~~Security Related Information – Withhold Under 10 CFR 2.390~~

**ENCLOSURE 2**

**Updated Final Safety Analysis Report  
(Non-Public Use)  
Amendment 4  
(Provided on Enclosed Compact Disc)**