

~~Security Related Information - Withhold Under 10 CFR 2.390~~  
This letter is decontrolled when separated from Enclosure 2



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

November 2, 2017

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 1**

**References:** Tennessee Valley Authority (TVA) letter to the Nuclear Regulatory Commission (NRC) "Watts Bar Nuclear Plant (WBN) - Dual Unit Updated Final Safety Analysis Report (FSAR) Amendment 0" dated July 29, 2016

In accordance with Title 10 Code of Federal Regulations (CFR) 50.4 and 10 CFR 50.71(e), enclosed for Watts Bar Nuclear Plant (WBN), is a compact disc (CD-ROM) containing Amendment 1 of the dual-unit WBN Updated Final Safety Analysis Report (UFSAR). TVA is submitting this amendment in accordance with Nuclear Regulatory Commissions (NRC) Electronic Information Exchange.

In accordance with 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 1 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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A053  
D030  
AX45  
A006  
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Amendment 1 reflects changes and analyses made since the issuance of the dual-unit Amendment 0 (Reference 1). This includes editorial corrections and changes in design pursuant to 10 CFR 50.59, "Changes, Tests, and Experiments." A summary of the evaluations made under the provisions of 10 CFR 50.59 is being provided under a separate 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 regulatory commitments associated with this submittal. Please direct any questions concerning this matter to Kim Hulvey, Site Licensing Manager, at (423) 365-7720.

Respectfully,



Paul Simmons  
Site Vice President,  
Watts Bar Nuclear Plant

Enclosures:

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

cc (without Enclosures):

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector  
NRR Project Manager

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**ENCLOSURE 1**

**Watts Bar Nuclear Plant  
Redacted Updated Final Safety Analysis Report  
(Public Use)  
Amendment 1  
(Provided on Enclosed Compact Disc)**

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**ENCLOSURE 2**

**Watts Bar Nuclear Plant  
Updated Final Safety Analysis Report  
(Non-Public Use)  
Amendment 1  
(Provided on Enclosed Compact Disc)**

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