



Watts Bar Nuclear Plant, Post Office Box 2000 Spring City, Tennessee 37381

WBL-20-061

November 23, 2020

10 CFR 50.54(q)(5)
10 CFR 72.44(f)

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

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

Subject: **Emergency Plan Implementing Procedure Revision**

Pursuant to Title 10, Code of Federal Regulations (10 CFR) 50.54(q)(5), and 10 CFR 72.44(f), the Tennessee Valley Authority (TVA) is submitting a description of changes to the Watts Bar Nuclear Plant (WBN) Radiological Emergency Plan (REP). The affected document is the WBN Emergency Plan Implementing Procedures (EPIP) listed below:

| <u>EPIP</u> | <u>Revision</u> | <u>Title</u> | <u>Effective Date</u> |
|-------------|-----------------|-------------------------------------|-----------------------|
| 1 | 53 | Emergency Plan Classification Logic | 11/14/2020 |

Description of Change

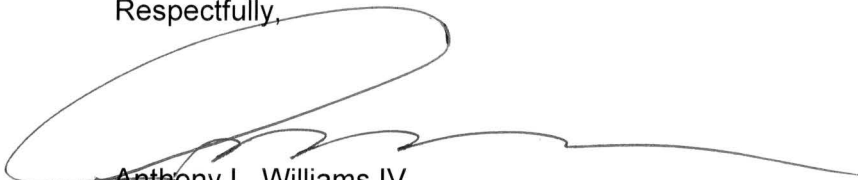
EPIP-1 revision 53 updated values for the Fission Product Barrier loss 3.A. These new values align with calculation TIRPS162 revision 18, for a Unit 2 tritium producing core.

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The above changes were evaluated in accordance with 10 CFR 50.54(q)(3) and 10 CFR 72.44(f). TVA determined that the changes did not reduce the effectiveness of the WBN REP. The WBN REP, as revised, continues to meet the requirements in Appendix E to 10 CFR 50 and the planning standards of 10 CFR 50.47(b).

There are no new regulatory commitments in this letter. Please direct all questions concerning this matter to Mike White, Emergency Preparedness Manager, at (423) 365-3232.

Respectfully,

A handwritten signature in dark ink, appearing to read 'Anthony L. Williams IV', with a long horizontal flourish extending to the right.

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

cc:

NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Watts Bar Nuclear Plant
NRC Project Manager - Watts Bar Nuclear Plant
NRC Director - Division of Spent Fuel Management, NMSS