



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

CNL-17-036

March 1, 2017

10 CFR 50.4

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

Watts Bar Nuclear Plant, Unit 2
Facility Operating License No. NPF-96
NRC Docket No. 50-391

Subject: **Watts Bar Nuclear Plant, Unit 2 - Response to NRC Request for TVA's Consent to Imposition of New Requirement Related to Mitigation of Beyond-Design-Basis Events**

Reference: NRC Letter to TVA, "Watts Bar Nuclear Plant, Unit 2 - Request for Tennessee Valley Authority's Consent to Imposition of New Requirement Related to Mitigation of Beyond-Design-Basis Events," dated February 15, 2017 (ML17040A353)

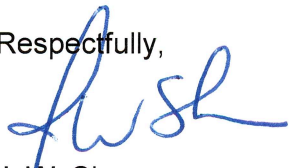
In the referenced letter, the Nuclear Regulatory Commission (NRC) requested that the Tennessee Valley Authority (TVA) consent to the imposition of a new requirement for Watts Bar Nuclear Plant (WBN) Unit 2 without the NRC conducting a backfit analysis. This imposition would take place under the forthcoming Mitigation of Beyond-Design-Basis Events (MBDBE) final rule. The new requirement consists of the need to maintain the spent fuel pool (SFP) cooling strategies and guidelines during the future decommissioning of WBN Unit 2 until all irradiated fuel has been removed from the WBN shared SFP.

In this case, TVA, as the holder of Facility Operating License No. NPF-96 for WBN Unit 2, consents to the imposition of proposed new 10 CFR 50.155(b)(3) (80FR70610) to maintain or restore SFP cooling capabilities until all irradiated fuel has been permanently removed from the SFP without the NRC conducting a backfit analysis for this imposition on WBN Unit 2. TVA understands that a corresponding requirement is currently in place for this SFP under the license for WBN Unit 1 that does not end when WBN Unit 1 begins decommissioning; consequently, there is no safety issue and this consent is offered solely to address a regulatory gap efficiently.

U.S. Nuclear Regulatory Commission
CNL-17-036
Page 2
February xx, 2017

The enclosure to this letter lists the new regulatory commitment associated with this submittal. Please address any questions regarding this response to Ed Schrull at 423-751-3850.

Respectfully,



J. W. Shea
Vice President, Nuclear Licensing

Enclosure: New Regulatory Commitment

cc (Enclosure):

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

Enclosure 2

Watts Bar Nuclear Plant, Unit 2

New Regulatory Commitment

Commitment	Due Date/Event
In accordance with 10 CFR 50.155(b)(3), TVA will revise the Updated Final Safety Analysis Report to maintain or restore spent fuel pool (SFP) cooling capabilities until all irradiated fuel has been permanently removed from the SFP for WBN Unit 2.	The next Updated Final Safety Analysis Report update following issuance of 10 CFR 50.155(b)(3)