

Enclosures 1 and 2 contain Security-Related Information and are to be withheld from public disclosure under 10 CFR 2.390.

When separated from Enclosures 1 and 2, this letter is decontrolled.



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

CNL-14-161

September 30, 2014

10 CFR 50.34(i)  
10 CFR 50.54(hh)

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 No. NPF-90  
Construction Permit No. CPPR-92  
NRC Docket Nos. 50-390 and 50-391

**Subject: Watts Bar Nuclear Plant Units 1 and 2 – Dual Unit Mitigation Strategy Tables**

- References:
1. Letter from TVA to NRC, "Watts Bar Nuclear Plant (WBN) Unit 2 - Mitigation Strategy Assessments and Closure Process for Phases 1, 2, and 3," dated October 14, 2010 [ML102880314]
  2. Nuclear Energy Institute (NEI) document 06-12, Revision 2, "B.5.b Phase 2 & 3 Submittal Guideline," dated December 2006 [ML070090060]
  3. Letter from NRC to TVA, "Watts Bar Nuclear Plant Unit 2 - Request For Additional Information Regarding Mitigation Strategy Assessments and Closure Process for Phases 1, 2, and 3 (TAC No. ME4967)," dated February 18, 2011 [ML110330295]
  4. Letter from TVA to NRC, "Watts Bar Nuclear Plant Unit 2 - Response to Request for Additional Information Regarding Mitigation Strategy Assessments and Closure Process for Phases 1, 2, and 3," dated March 28, 2011 [ML110890557]
  5. Letter from TVA to NRC, "Watts Bar Nuclear Plant Unit 2 - Response to Request for Additional Information Regarding Mitigation Strategy Assessments and Closure Process for Phases 1, 2, and 3 - Revised Response for RAI 2," dated May 9, 2011 [ML11131A124]

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This letter provides the revised Tennessee Valley Authority (TVA) mitigating strategy tables that describe the prearranged strategies developed for two-unit operation at Watts Bar Nuclear Plant (WBN) to meet the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54(hh) which codifies the requirements previously promulgated by section B.5.b of Order EA-02-026. This letter uses the terms 10 CFR 50.54(hh) and B.5.b interchangeably, inasmuch as there is no intent to make a distinction between commitments and strategies developed to meet B.5.b and the current requirements of 10 CFR 50.54(hh).


In Reference 1, TVA provided commitments for WBN Unit 2 to meet the requirements of B.5.b corresponding to the guidance of Nuclear Energy Institute (NEI) document 06-12 (Reference 2). In Reference 3, the United States Nuclear Regulatory Commission (NRC) requested additional information regarding mitigation strategy assessments and closure process. References 3 and 4 provided TVA's response to the NRC request, indicating that WBN Unit 2 would "follow the prearranged strategies developed for Unit 1 Phase 1 guidance."

For WBN Unit 1, TVA has developed procedures and guidance and provided the training necessary to implement the mitigating strategies. For Unit 2, TVA will complete the procedures and guidance and provide the training necessary to implement the mitigating strategies before fuel load. Accordingly, the enclosed mitigating strategies tables reflect the current state of readiness for Unit 1 as well as the state of readiness for Unit 2 at fuel load.

Enclosure 1 to this submittal contains the revised B.5.b mitigating strategies tables, and Enclosure 2 provides a summary of these changes. These enclosures contain security-related information that should be withheld from public disclosure in accordance with 10 CFR 2.390.

There are no new regulatory commitments associated with this submittal. Should you have questions regarding this submittal, please contact Gordon Arent, Watts Bar Licensing Manager at (423) 365-2004.

Respectfully,

  
J. W. Shea  
Vice President, Nuclear Licensing

Enclosures

cc: See Page 3

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Enclosures:   1   Watts Bar Nuclear Plant (WBN)  
                      B.5.b Mitigation Strategies  
  
                      2   Watts Bar Nuclear Plant (WBN)  
                              B.5.b Mitigation Strategies  
                              Summary of Changes

cc (Enclosures):

NRC Regional Administrator – Region II  
NRC Senior Resident Inspector – Watts Bar Nuclear Plant, Unit 1  
NRC Senior Resident Inspector – Watts Bar Nuclear Plant, Unit 2  
NRR Project Manager – Watts Bar Nuclear Plant, Unit 1  
NRR Project Manager – Watts Bar Nuclear Plant, Unit 2