



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

September 1, 2011

10 CFR 50.4(b)(6)

10 CFR 50.34(b)

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

Watts Bar Nuclear Plant, Unit 2  
NRC Docket No. 50-391

**Subject: Watts Bar Nuclear Plant (WBN) Unit 2 – Safety Evaluation Report  
Supplement 22 (SSER22) - Response to NRC Required Action Item 11**

Appendix HH of NUREG-0847, Supplement 22, "Safety Evaluation Report Related to the Operation of Watts Bar Nuclear Plant, Unit 2," contains 51 "required action items associated of all open items, confirmatory issues, and proposed license conditions that the staff has identified."

Enclosure 1 contains the response to Action Item 11.

There are no new commitments in this letter.

If you have any questions, please contact Bill Crouch at (423) 365-2004.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 1<sup>st</sup> day of September, 2011.

Respectfully,

A handwritten signature in black ink, appearing to read "David Stinson", with a stylized flourish at the end.

David Stinson  
Watts Bar Unit 2 Vice President

Enclosure:

1. Response to Action Item 11 From Appendix HH of NUREG-0847, Supplement 22

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cc (Enclosure):

U. S. Nuclear Regulatory Commission  
Region II  
Marquis One Tower  
245 Peachtree Center Ave., NE Suite 1200  
Atlanta, Georgia 30303-1257

NRC Resident Inspector Unit 2  
Watts Bar Nuclear Plant  
1260 Nuclear Plant Road  
Spring City, Tennessee 37381

## ENCLOSURE 1

Response to Action Item 11 From Appendix HH of NUREG-0847, Supplement 22

Tennessee Valley Authority - Watts Bar Nuclear Plant - Unit 2, Docket No. 50-391

The item number used below corresponds to the item numbers in SSER 22, Appendix HH.

### SSER Open Item 11

*The plant administrative procedures should clearly state that, when the Assistant Shift Engineer assumes his duties as Fire Brigade Leader, his control room duties are temporarily assumed by the Shift Supervisor (Shift Engineer), or by another SRO, if one is available. The plant administrative procedures should clearly describe this transfer of control room duties. (Section 13.1.3)*

#### **TVA response:**

TVA to NRC letter dated August 15, 2011, "Watts Bar Nuclear Plant (WBN) Unit 2 – Transmittal of Revised Unit 1 / Unit 2 As-Designed Fire Protection Report (TAC No. ME3091)," provided the latest version of the Unit 1 / Unit 2 As-Designed Fire Protection Report. 9.1 (Fire Brigade Staffing) of Part II of this document includes the following:

"The fire brigade shall not include the Shift Manager or the other members of the minimum shift crew necessary for safe shutdown of the unit, nor any personnel required for other essential functions during a fire emergency."

Thus, there is no need to describe a transfer of control room duties as requested.