



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

CNL-14-155

September 12, 2014

10 CFR 50.34
10 CFR 50, Appendix E

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

Watts Bar Nuclear Plant, Unit 1
Facility Operating License NPF-90
NRC Docket No. 50-390

Watts Bar Nuclear Plant, Unit 2
Construction Permit No. CPPR-92
NRC Docket No. 50-391

**Subject: WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - SUBMITTAL OF REVISION
TO THE RADIOLOGICAL EMERGENCY PLAN AND ON-SHIFT STAFFING
ANALYSIS**

- References:
1. Electronic Mail from NRC to TVA, "Watts Bar, Unit 2 - RAIs for Radiological Emergency Plan (NP-REP, Rev. 103)," dated June 16, 2014.
 2. Tennessee Valley Authority letter to NRC, "Watts Bar Nuclear Plant (WBN) Units 1 and 2 - Response to Request for Additional Information on the Radiological Emergency Plan," dated August 29, 2014.

In Reference 1, the Nuclear Regulatory Commission (NRC) provided Requests for Additional Information (RAIs) for the Radiological Emergency Plan (REP) Revision 103. In Reference 2, the Tennessee Valley Authority (TVA) responded to NRC's RAIs and committed to submit dual-unit revisions for the generic part of the TVA REP (NP-REP) and Appendix C, the Watts Bar-specific part of the REP. In addition, TVA committed to provide a copy of the dual-unit on-shift staffing analysis that was performed in accordance with section IV.A.9 of Appendix E to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50.


The enclosures to this letter provide this information.

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There are no regulatory commitments associated with this submittal. If you have any questions or comments, please contact Gordon Arent at (423) 365-2004.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 12th day of September 2014.

Respectfully,


J. W. Shea
Vice President, Nuclear Licensing

Enclosures:

1. Radiological Emergency Plan (Generic Part), Revision 104X.
2. Radiological Emergency Plan Appendix C, Revision 104X.
3. Emergency Response Organization On-Shift Staffing Analysis Report, Revision 2

cc (Enclosures):

U.S. Nuclear Regulatory Commission, Region II
NRC Resident Inspector - Watts Bar Nuclear Plant, Unit 1
NRC Resident Inspector - Watts Bar Nuclear Plant, Unit 2
NRR Project Manager - Watts Bar Nuclear Plant