



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

CNL-14-196

November 14, 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 - Response to Request for  
Additional Information on the Radiological Emergency Plan**

- References:
1. Tennessee Valley Authority letter to NRC, "Watts Bar Nuclear Plant (WBN) Units 1 and 2 - Radiological Emergency Plan Updated Appendix C," dated February 18, 2014
  2. Electronic Mail from NRC to TVA, "Watts Bar, Unit 2 - RAIs for Radiological Emergency Plan (NP-REP, Rev. 103)," dated June 16, 2014
  3. Tennessee Valley Authority letter to NRC, "Watts Bar Nuclear Plant Units 1 and 2 - Response to Request for Additional Information on the Radiological Emergency Plan," dated August 29, 2014
  4. Tennessee Valley Authority letter to NRC, "Watts Bar Nuclear Plant Units 1 and 2 - Submittal of Revision to the Radiological Emergency Plan and On-Shift Staffing Analysis," dated September 12, 2014
  5. Electronic Mail from NRC to TVA, "Watts Bar, Unit 2 - Emergency Preparedness (EP) Request for Additional Information," dated October 3, 2014

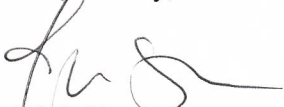
In Reference 1, the Tennessee Valley Authority (TVA) submitted a revision to Appendix C of the Radiological Emergency Plan (REP). In Reference 2, the Nuclear Regulatory Commission (NRC) transmitted a request for additional information (RAI) related to the Reference 1 submittal. In Reference 3, TVA responded to NRC's request for additional information. In follow-up to the Reference 3 response, TVA submitted a revision to the REP in Reference 4. In Reference 5, the NRC requested additional information related to TVA's implementation of the Emergency Planning (EP) Rule change that became effective in December 2011. Enclosure 1 contains TVA's response to NRC's questions regarding the 2011 EP Rule change. Enclosure 2 contains TVA Department Procedure EPDP-3, "Emergency Plan Exercises and Preparedness Drills," which supports TVA's Enclosure 1 response.

Enclosure 3 identifies a new commitment made in this response.

Should you have questions or comments regarding this response, please contact Gordon Arent at (423) 365-2004.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 14th day of November 2014.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

Enclosure:

1. Response to the NRC Request for Additional Information on the Radiological Emergency Plan for Watts Bar Nuclear Plant.
2. Nuclear Power Group Standard Departmental Procedure EPDP-3, "Emergency Plan Exercises and Preparedness Drills"
3. Regulatory Commitment

cc (Enclosure):

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 Unit 1  
NRR Project Manager - Watts Bar Nuclear Plant Unit 2