



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

January 29, 2013

10 CFR 50.54(f)

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

Bellefonte Nuclear Plant, Units 1 and 2  
Construction Permit Nos. CPPR-122 and CPPR-123  
NRC Docket Nos. 50-438 and 50-439

Browns Ferry Nuclear Plant, Units 1, 2, and 3  
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68  
NRC Docket Nos. 50-259, 50-260, and 50-296

Sequoyah Nuclear Plant, Units 1 and 2  
Facility Operating License Nos. DPR-77 and DPR-79  
NRC Docket Nos. 50-327 and 50-328

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

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

Subject: **Tennessee Valley Authority - Response to March 12, 2012, Request for Information Enclosure 2, Recommendation 2.1, Flooding, Required Response 1, Integrated Assessment Approach**

References: 1. NRC Letter, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated March 12, 2012 (ML12073A348)

DO30  
LIRK

2. NRC Japan Lessons-Learned Project Directorate, JLD-ISG-2012-05, "Guidance for Performing the Integrated Assessment for External Flooding," Interim Staff Guidance, Revision 0, dated November 30, 2012 (ML12311A214)
3. NRC Letter, "Trigger Conditions for Performing an Integrated Assessment and Due Date for Response," dated December 3, 2012 (ML12326A912)

On March 12, 2012, the NRC issued Reference 1 to request information associated with several recommendations from the NRC Near-Term Task Force (NTTF) including Recommendation 2.1 for Flooding. Required Response 1 in Enclosure 2 of Reference 1 directed licensees to submit an approach for developing an Integrated Assessment Report, including criteria for identifying vulnerabilities, within 60 days after issue of the NRC's guidance on the subject.

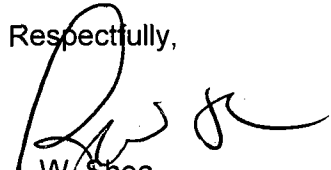
On November 30, 2012, the NRC issued the Reference 2 Interim Staff Guidance. TVA will adopt the Reference 2 guidance as the approach for developing the NTTF 2.1 Flooding Integrated Assessment Report for TVA's operating sites at Browns Ferry Nuclear Plant, Units 1, 2, and 3, Sequoyah Nuclear Plant, Units 1 and 2, and Watts Bar Nuclear Plant, Unit 1, as well as for TVA's construction permit sites at Bellefonte Nuclear Plant, Units 1 and 2, and Watts Bar Nuclear Plant, Unit 2, if the reevaluated flooding hazard is not bounded by the current design basis flooding evaluation.

In addition, TVA will adopt the guidance provided by Reference 3 regarding the trigger conditions and scope of any required Integrated Assessment.

This letter does not contain any new commitments. If you have any questions regarding this submittal, please contact Kevin Casey at (423) 751-8523.

I declare under penalty of perjury that the foregoing is true and correct.  
Executed on the 29th day of January 2013.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

cc: See Page 3

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cc:

NRR Director - NRC Headquarters  
NRO Director - NRC Headquarters  
NRC Regional Administrator - Region II  
NRR Project Manager - Bellefonte Nuclear Plant  
NRR Project Manager - Browns Ferry Nuclear Plant  
NRR Project Manager - Sequoyah Nuclear Plant  
NRR Project Manager - Watts Bar Nuclear Plant  
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant  
NRC Senior Resident Inspector - Sequoyah Nuclear Plant  
NRC Senior Resident Inspector - Watts Bar Nuclear Plant  
E. Miller, NRC/NRR