



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

EA-12-051

October 29, 2012

10 CFR 2.202

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

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 (TVA) - Initial Status Report in Response to the March 12, 2012, Commission Order Modifying Licenses with Regard to Requirements for Reliable Fuel Pool Instrumentation (Order Number EA-12-051)**

References: 1. NRC Order Number EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation

2. NRC Interim Staff Guidance JLD-ISG-2012-03, Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, Revision 0, dated August 29, 2012

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On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to the Tennessee Valley Authority (TVA). Reference 1 was immediately effective and directs TVA to have a reliable indication of the water level in associated spent fuel storage pools. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 29, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms TVA has received Reference 2 and is in the process of evaluating the guidance for the purpose of providing a reliable indication of the water level in associated spent fuel storage pools as described in Attachment 2 of Reference 1.

Major activities completed during this reporting period:

- Resources are being identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.

Planned activities for Browns Ferry Nuclear Plant, Units 1, 2, and 3, Sequoyah Nuclear Plant, Units 1 and 2, and Watts Bar Nuclear Plant, Units 1 and 2 for the next six months:

- Development and submittal of the overall integrated plan.

Planned activities for Bellefonte Nuclear Plant Units 1 and 2 for the next six months:

- Development of the overall integrated plan.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time.

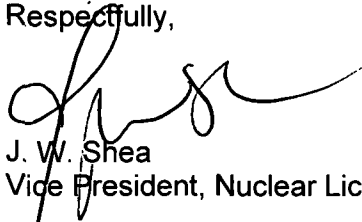
Project milestones schedule through completion of installation and testing:

- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for each Site and Unit number prior to startup from the Refueling Outage (RFO) or prior to issuance of an operating license as indicated below:
  - Bellefonte Nuclear Plant, Unit 1                      prior to issuance of an operating license
  - Bellefonte Nuclear Plant, Unit 2                      prior to issuance of an operating license
  - Browns Ferry Nuclear Plant, Unit 1                    prior to startup from RFO 11, Fall/2016
  - Browns Ferry Nuclear Plant, Unit 2                    prior to startup from RFO 18, Spring/2015
  - Browns Ferry Nuclear Plant, Unit 3                    prior to startup from RFO 17, Spring/2016
  - Sequoyah Nuclear Plant, Unit 1                        prior to startup from RFO 20, Spring/2015
  - Sequoyah Nuclear Plant, Unit 2                        prior to startup from RFO 20, Fall/2015
  - Watts Bar Nuclear Plant, Unit 1                        prior to startup from RFO 13, Fall/2015
  - Watts Bar Nuclear Plant, Unit 2                        prior to issuance of an operating license

This letter contains no new regulatory commitments. If you have questions regarding our comments, 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 October 2012.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

cc: See Page 4

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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  
Ms. Lisa M. Regner, NRR/JLD/PMB, NRC  
Mr. Blake A. Purnell, NRR/JLD/PMB, NRC  
Mr. Steven R. Jones, NRR/DSS/SBPB, NRC