



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

CNL-14-128

August 5, 2014

10 CFR 72.4

ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
Washington, D.C. 20555-0001

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: **Response to Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Watts Bar Nuclear Plant Independent Spent Fuel Storage Installation (Order Number EA-14-044)**

Reference: Letter from NRC to TVA, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Watts Bar Nuclear Plant Independent Spent Fuel Storage Installation," (Order Number EA-14-044)," dated April 21, 2014

On April 21, 2014, the Nuclear Regulatory Commission (NRC) issued Order EA-14-044 modifying the general license for the proposed independent spent fuel storage installation (ISFSI) at Watts Bar Nuclear Plant (WBN). The Order requires compliance with Additional Security Measures (ASMs) for Physical Protection of Dry Independent Spent Fuel Storage Installations and ASMs for Access Authorization and Fingerprinting at Independent Spent Fuel Storage Installations.

Order EA-14-044 requires the Tennessee Valley Authority (TVA) to demonstrate the ability to comply with the ASMs in the referenced letter no later than 365 days from the date of Order EA-14-044 or 90 days before the first day that spent fuel is initially placed in the ISFSI, whichever occurs first. This letter discusses TVA's compliance with Order EA-14-044.

Currently, TVA is constructing an ISFSI at WBN. Upon completion, the ISFSI will be located within the protected area boundary for WBN. The first dry cask loading campaign at WBN is scheduled for June 27, 2016. The following table contains the current milestone schedule that supports the first dry cask loading campaign.

<b>Milestone</b>	<b>Estimated Completion Date</b>
ISFSI Pad Construction	July 10, 2015
Security Modifications	November 20, 2015
Haul Path Modifications	January 15, 2016
Dry Runs	March 7, 2016
Dry Cask Loading Campaign	June 27, 2016

When the security modifications are completed (currently scheduled for November 20, 2015), TVA will be in compliance with the ASMs requirements for ISFSIs located within the site protected area boundary.

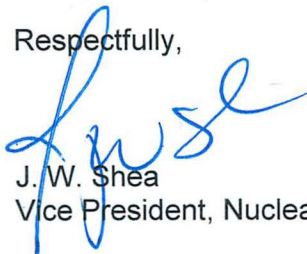
Section C.1 of Order EA-14-044 required TVA to submit a schedule for achieving compliance with the required ASMs, within twenty days of the date of the order (i.e., by May 11, 2014). Due to an administrative error, TVA failed to meet the twenty day response requirement. This issue has been entered into the TVA corrective action program.

In accordance with Section C.2 of Order EA-14-044, TVA will notify the NRC when TVA has achieved full compliance with the requirements described in Attachments 1 and 2 to Order EA-14-044.

There are no regulatory commitments associated with this submittal. If you have any questions regarding this report, please contact Tom Hess at (423) 751-3487.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 5th August 2014.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

cc:

NRR Director - NRC Headquarters  
NRO Director - NRC Headquarters  
NRC Regional Administrator - Region II  
NRR Project Manager - Sequoyah Nuclear Plant  
NRC Senior Resident Inspector - Sequoyah Nuclear Plant  
NRC Director - Office of Nuclear Material Safety and Safeguards