



1101 Market Street, Chattanooga, Tennessee 37402

CNL-14-117

June 30, 2014

10 CFR 50.4

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

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

Subject: **Response to NRC Request for Additional Information Related to Potential Loss of Spent Fuel Cooling (TAC No. ME6761)**

References: 1. Letter from NRC to TVA, "Browns Ferry Nuclear Plants, Units 1, 2, and 3 - Request for Additional Information Related to Potential Loss of Spent Fuel Cooling (TAC No. ME6761)," dated March 24, 2014

In the referenced letter, the Nuclear Regulatory Commission (NRC) staff stated that they had completed an initial evaluation of a petition request using information contained in each subject facility's safety analysis report and had concluded that additional information was necessary from certain facilities in order to evaluate the response of the facilities following design-basis events.

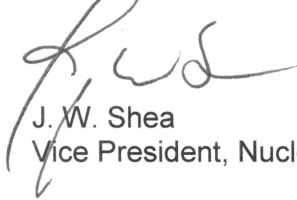
The staff selected facilities that shared a common secondary containment surrounding two spent fuel pools (SFPs) for its initial information request. The NRC stated that these facilities were more likely to have a high decay heat load due to refueling in one of the SFPs during a time when other equipment within the secondary containment may be essential for accident mitigation or safe shut down of an adjacent operating unit. The NRC requested that, in order to better understand the reliability of the SFP cooling systems, the expected response of the affected facilities to their loss, and the safety significance of the SFP cooling function at the Browns Ferry Nuclear Plant (BFN), the Tennessee Valley Authority (TVA) respond to the request for additional information provided by June 30, 2014.

During the review of information necessary to respond to this request, TVA has identified that it requires additional time to respond to the request for information. Therefore, TVA respectfully requests that the NRC grant an additional 45 days, i.e., to August 14, 2014, to respond to this request.

U.S. Nuclear Regulatory Commission
Page 2
June 30, 2014

There are no new regulatory commitments contained in this submittal. Please address any questions regarding this submittal to Mr. Edward D. Schrull at (423) 751-3850.

Respectfully,

A handwritten signature in dark ink, appearing to be 'JWS', written over the printed name.

J. W. Shea
Vice President, Nuclear Licensing

cc:

NRC Regional Administrator – Region II
NRC Senior Resident Inspector – Browns Ferry Nuclear Plant
NRC Project Manager - Browns Ferry Nuclear Plant