



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

April 5, 2017

10 CFR 50.4
10 CFR 50.46

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: **10 CFR 50.46 Annual Report for Browns Ferry Nuclear Plant, Units 1, 2, and 3**

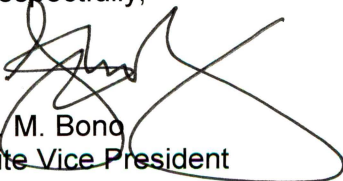
Reference: Letter from TVA to NRC, "10 CFR 50.46 30-Day Report for Browns Ferry Nuclear Plant, Units 1, 2, and 3," dated December 5, 2016 (ML16340A207)

The purpose of this letter is to provide the current status of the calculated peak cladding temperature (PCT) for the Browns Ferry Nuclear Plant emergency core cooling system evaluation model. There have been no changes to the calculated PCT made since the submittal of the referenced letter to NRC.

This submittal satisfies the annual reporting requirement of 10 CFR 50.46(a)(3)(ii).

There are no new regulatory commitments in this letter. Should you have any questions concerning this submittal, please contact M. W. Oliver, Acting Site Licensing Manager, at (256) 729-2636.

Respectfully,



S. M. Bond
Site Vice President

cc:

NRC Regional Administrator – Region II
NRC Senior Resident Inspector – Browns Ferry Nuclear Plant
NRC Project Manager - Browns Ferry Nuclear Plant
State Health Officer, Alabama Department of Public Health