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

October 5, 2015

10 CFR 50.4  
10 CFR 50.71(e)(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: **Browns Ferry Nuclear Plant - Updated Final Safety Analysis Report,  
Amendment 26**

Pursuant to the requirements of Title 10 of the Code of Federal Regulations (10 CFR) Part 50.71, "Maintenance of Records, Making of Reports," paragraph (e)(4), the Tennessee Valley Authority (TVA) is submitting Amendment 26 of the Updated Final Safety Analysis Report (UFSAR) for the Browns Ferry Nuclear Plant (BFN).

Amendment 26 of the BFN UFSAR is a 24-month update that reflects editorial corrections, changes, and analyses pursuant to 10 CFR 50.59, "Changes Tests, and Experiments," to the facility, which were in effect through July 1, 2015. All UFSAR pages issued as a result of this update are clearly delineated with a "BFN-26" in the page header and a revision bar is shown in the right margin next to the specific change.

The summaries of evaluations of these changes made under the provisions of 10 CFR 50.59, will be provided to the NRC in separate correspondence by November 30, 2015.

The Enclosure to this letter contains one (1) Compact Disk – Recordable (CD-R) of the BFN UFSAR, Amendment 26. TVA has also included a listing of the UFSAR files and their size in the enclosure. Please note that some files do not have embedded fonts; however, these files are from a scanned source and are thus consistent with Section 2.23 of the "Guidance for Electronic Submissions to the NRC, Revision 6.1."

TVA has determined that some of the information contained on the CD-R is considered to be sensitive unclassified non-safeguards information. As such, the enclosed CD-R is labeled "Tennessee Valley Authority, Browns Ferry Nuclear Plant, Updated Final Safety Analysis Report, Amendment 26, Non-Public Version." This CD-R submittal of the entire BFN UFSAR supersedes all previously submitted hard copies and CD-R copies of the document.

A053  
KRC

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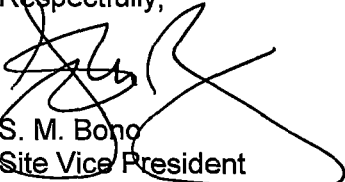
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Pursuant to the requirements of 10 CFR 54.37, "Additional Records and Recordkeeping Requirements," paragraph (b), TVA has determined that there are no newly identified systems, structures, and components that would have been subject to an aging management review or evaluation of time-limited aging analyses.

I certify that I am duly authorized by TVA, and that, to the best of my knowledge and belief, the information contained herein accurately presents changes made since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirements.

There are no new regulatory commitments contained in this letter. If you have any questions, please contact Jamie L. Paul, Nuclear Site Licensing Manager, at (256) 729-2636.

Respectfully,



S. M. Bono  
Site Vice President

Enclosures: CD-ROM Containing Browns Ferry Nuclear Plant Updated Final Safety Analyses Report, Amendment 26, Non-Public Version and a Listing of the UFSAR Files, Including File Size

cc (w/ Enclosure):

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

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JLP:MWO  
Enclosure  
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NRC Project Manager - Browns Ferry Nuclear Plant

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**Enclosure**

**Tennessee Valley Authority  
Browns Ferry Nuclear Plant  
Units 1, 2, and 3**

**Updated Final Safety Analysis Report (UFSAR)  
Amendment 26**

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This enclosure provides the following:

- One CD-ROM Copy of Amendment 26 of the Browns Ferry Nuclear Plant UFSAR, Non-Public Version
- Listing of the Browns Ferry Nuclear Plant UFSAR, Amendment 26 files, including file size

**BROWNS FERRY NUCLEAR PLANT  
 UPDATED FINAL SAFETY ANALYSIS REPORT (UFSAR), AMENDMENT 26  
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 LIST OF FILES ON DISK  
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