



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 7, 2017

Mr. Joseph W. Shea
Vice President, Nuclear Licensing
Tennessee Valley Authority
1101 Market Street, LP 3R-C
Chattanooga, Tennessee 37402-2801

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNIT NOS. 1, 2, AND 3 – WITHDRAWAL
OF AN AMENDMENT REQUEST (CAC NOS. MF6738, MF6739, AND MF6740)

Dear Mr. Shea:

By letter dated September 16, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15260B125), as supplemented by letters dated April 15, April 29, May 11, May 25, June 16, August 24, and September 15, 2016 (ADAMS Accession Nos. ML16106A323, ML16123A071, ML16133A566, ML16146A725, ML16169A179, ML16237A418, and ML16260A098, respectively), Tennessee Valley Authority (TVA, the licensee) submitted a license amendment request (LAR) for the Browns Ferry Nuclear Plant (Browns Ferry or BFN), Units 1, 2, and 3, Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68, respectively. The proposed amendments would have revised the Browns Ferry, Units 1 and 2, Technical Specifications (TSs) by adding a new specification governing the safety functions for the emergency core cooling system preferred pump logic, common accident signal logic, and the unit priority re-trip logic. In addition, the LAR would relocate the BFN, Unit 3, requirements for common accident signal logic and unit priority re-trip logic to a new specification governing the safety functions for the common accident signal logic and the unit priority re-trip logic for consistency with the changes to the TSs for Browns Ferry, Units 1 and 2.

The Nuclear Regulatory Commission (NRC) staff by an email dated March 13, 2016 (ADAMS Accession No. ML17072A491), informed TVA that the staff would not be able to make safety determination regarding the proposed LAR without additional work, and that the NRC staff had suspended the LAR review pending developing a clear path for completing the review. Specifically the NRC staff stated that to advance its review of the LAR, TVA needed to supplement the LAR with the consideration of an additional single failure. Also, the NRC staff proposed to perform regulatory audits of the submitted information and the supporting documents to enable the staff to make a safety determination. The staff asked TVA to affirm within 30 days from the date of staff's email dated March 13, 2017, if TVA would like to proceed with the NRC staff's proposed plan to complete the review. Subsequently, by letter dated May 8, 2017 (ADAMS Accession No. ML17128A486), TVA withdrew the LAR.

The licensee, in its letter dated May 8, 2017, stated that, "In Reference 1 [letter dated September 16, 2015], TVA stated that the Preferred Pump Logic met the requirements of 10 CFR [Title 10 of *Code of Federal Regulations*] 50.36(c)(2)(ii), Criterion 3 for inclusion into the BFN TS. TVA's design basis is that the Preferred Pump Logic is an integral part of the Core

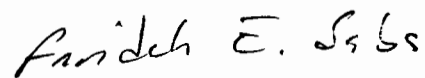
Spray and Residual Heat Removal Systems, which are already included in the BFN TS. As a result of reevaluating the requirements of 10 CFR 50.36, TVA has concluded that a separate TS for the Preferred Pump Logic is not required. TVA has created a condition report to determine the lessons learned from this evolution and to evaluate the proper course of action to alleviate operator confusion with regard to the Preferred Pump Logic. In particular, TVA will evaluate whether clarification of the BFN TS Bases, the associated Surveillance Instructions, and operator training is required.”

The NRC grants the request of the licensee to withdraw its LAR dated September 16, 2015. As a result, NRC staff ceased work activities on the requested amendments, which were tracked by Cost Activity Code Nos. MF6738, MF6739, and MF6740.

The NRC has filed the enclosed Notice of Withdrawal of Application for Amendment to Facility Operating License with the Office of the Federal Register for publication.

If you have any questions, please contact me at (301) 415-1447 or via e-mail at farideh.saba@nrc.gov.

Sincerely,



Farideh E. Saba, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-259, 50-260, and 50-296

Enclosure:
Notice of Withdrawal

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ENCLOSURE

FEDERAL REGISTER NOTICE

NUCLEAR REGULATORY COMMISSION

Docket Nos. 50-250, 50-260, and 50-296; NRC-2014-0054]

Browns Ferry Nuclear Plant, Units 1, 2, and 3

DATES: [INSERT DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

AGENCY: Nuclear Regulatory Commission.

ACTION: License amendment application; withdrawal by applicant.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) has granted the request of the Tennessee Valley Authority (TVA, the licensee) to withdraw its license amendment request (LAR) dated September 16, 2015, as supplemented by letters dated April 15, April 29, May 11, May 25, June 16, August 24, and September 15, 2016, for a proposed amendment to Renewed Facility Operating License (RFOL) Nos. DPR-33, DPR-52, and DPR-68, for the Browns Ferry Nuclear Plant (BFN), Units 1, 2, and 3. The proposed amendments would have revised the BFN, Units 1 and 2 Technical Specifications (TSs) by adding a new specification governing the safety functions for the emergency core cooling system preferred pump logic, common accident signal logic, and the unit priority re-trip logic. In addition, the LAR relocated the BFN, Unit 3, requirements for common accident signal logic and unit priority re-trip logic to a new specification governing the safety functions for the common accident signal logic and the unit priority re-trip logic for consistency with the changes to the BFN, Units 1 and 2, TSs.

ADDRESSES: Please refer to Docket ID **NRC-2014-0054** when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- **Federal Rulemaking Web Site:** Go to <http://www.regulations.gov> and search for Docket ID **NRC-2014-0054**. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463; e-mail: Carol.Gallagher@nrc.gov. For technical questions, contact the individual listed in the FOR FURTHER INFORMATION CONTACT section of this document.

- **NRC's Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to pdr.resource@nrc.gov. The ADAMS accession number for each document referenced (if that document is available in ADAMS) is provided the first time that a document is referenced

- **NRC's PDR:** You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

FOR FURTHER INFORMATION CONTACT: Farideh Saba, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington DC 20555-0001; telephone: 301-415-1447, e-mail: Farideh.Saba@nrc.gov.

SUPPLEMENTARY INFORMATION:

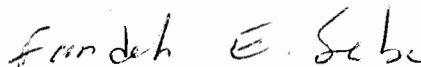
The NRC has granted the request of the TVA to withdraw its September 16, 2015, application for the proposed amendment to RFOLs for Browns Ferry, located in Limestone County, AL.

By letter dated September 16, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15260B125), as supplemented by letters dated April 15, April 29, May 11, May 25, June 16, August 24, and September 15, 2016 (ADAMS Accession Nos. ML16106A323, ML16123A071, ML16133A566, ML16146A725, ML16169A179, ML16237A418, and ML16260A098, respectively), TVA submitted a LAR to the BFN, Units 1, 2, and 3, Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68, respectively. The proposed amendment would revise the BFN, Units 1 and 2, Technical Specifications (TS) by adding a new specification governing the safety functions for the emergency core cooling system preferred pump logic, common accident signal logic, and the unit priority re-trip logic. In addition, the LAR would relocate the BFN, Unit 3, requirements for common accident signal logic and unit priority re-trip logic to a new specification governing the safety functions for the common accident signal logic and the unit priority re-trip logic for consistency with the changes to the TSs for BFN, Units 1 and 2.

The NRC published a Biweekly Notice in the *Federal Register* on January 5, 2016 (81 FR 265), that gave notice that this proposed amendment was under consideration by the NRC. However, by letter dated May 8, 2017 (ADAMS Accession No ML17128A486), the licensee requested to withdraw the proposed amendment.

Dated at Rockville, Maryland, this 7th day of June 2017.

For the Nuclear Regulatory Commission.



Farideh E. Saba, Senior Project Manager
Plant Licensing Branch II-2,
Division of Operating Reactor Licensing,
Office of Nuclear Reactor Regulation.

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNIT NOS. 1, 2, AND 3 - WITHDRAWAL OF AN AMENDMENT REQUEST (CAC NOS. MF6738, MF6739, AND MF6740) DATED JUNE 7, 2017

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ADAMS Accession Nos.: LTR ML17139D395

FRN ML17139D398

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