



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

November 14, 2008

TVA-BFN-TS-418
TVA-BFN-TS-431

10 CFR 50.90

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop OWFN, P1-35
Washington, D. C. 20555-0001

In the Matter of)
Tennessee Valley Authority)

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

BROWNS FERRY NUCLEAR PLANT (BFN) – UNITS 1, 2, AND 3 – TECHNICAL SPECIFICATIONS (TS) CHANGES TS-418 AND TS-431 – EXTENDED POWER UPRATE (EPU) – STEAM DRYER REPORTS (TAC NOS. MD5262, MD5263, AND MD5264)

By letters dated June 28, 2004 and June 25, 2004 (ADAMS Accession Nos. ML041840109 and ML041840301), TVA submitted license amendment applications to NRC for the EPU of BFN Unit 1 and BFN Units 2 and 3, respectively. The proposed amendments would change the operating licenses to increase the maximum authorized core thermal power level of each reactor by approximately 14 percent to 3952 megawatts.

By letter dated October 31, 2008, "Supplemental Response to Round 19 Request for Additional Information (RAI) and Response to Round 22 RAIs regarding Steam Dryers," TVA provided four reports associated with the steam dryer analyses which contained information that Continuum Dynamics, Inc. (CDI) considers to be proprietary in nature. Enclosures 1, 2, 3, and 4 of this letter contain the redacted versions of the proprietary reports with the CDI proprietary material removed, which are suitable for public disclosure. Additionally, CDI Report No. 08-14P, which was provided as Enclosure 5 of the October 31, 2008, letter, did not contain markings on the individual sections of the report that were considered to be proprietary by CDI. Enclosure 5 of this letter contains a copy of CDI Report No. 08-14P with the appropriate markings included.

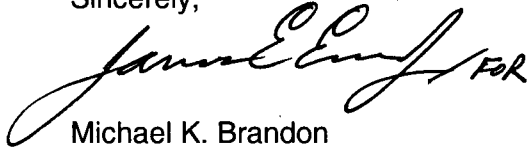
Note that Enclosure 5 contains information that CDI considers to be proprietary in nature and subsequently, pursuant to 10 CFR 2.390(a)(4), CDI requests that such information be withheld from public disclosure. Enclosure 6 provides a copy of the affidavit from CDI supporting this request.

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NRR

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No new regulatory commitments are made in this submittal. If you have any questions regarding this letter, please contact me at (256)729-2636.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael K. Brandon", with a stylized flourish at the end.

Michael K. Brandon
Interim Manager of Licensing
and Industry Affairs

Enclosures:

1. CDI Report No. 08-04NP, "Acoustic and Low Frequency Hydrodynamic Loads at CLTP Power Level on Browns Ferry Nuclear Unit 1 Steam Dryer to 250 Hz" (Non-Proprietary Version)
2. CDI Report No. 08-05NP, "Acoustic and Low Frequency Hydrodynamic Loads at CLTP Power Level on Browns Ferry Nuclear Unit 2 Steam Dryer to 250 Hz" (Non-Proprietary Version)
3. CDI Report No. 08-14NP, "Flow-Induced Vibration in the Main Steam Lines at Browns Ferry Nuclear Units 1 and 2, With and Without Acoustic Side Branches, and Resulting Steam Dryer Loads" (Non-Proprietary Version)
4. CDI Report No. 08-15NP, "Stress Assessment of Browns Ferry Nuclear Unit 1 Steam Dryer with Tie-Bar Modifications" (Non-Proprietary Version)
5. CDI Report No. 08-14P, "Flow-Induced Vibration in the Main Steam Lines at Browns Ferry Nuclear Units 1 and 2, With and Without Acoustic Side Branches, and Resulting Steam Dryer Loads" (Proprietary Version)
6. CDI Affidavit

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Enclosures

cc (Enclosures):

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ENCLOSURE 1

**TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNITS 1, 2, AND 3**

**TECHNICAL SPECIFICATIONS (TS) CHANGES TS-431 AND TS-418
EXTENDED POWER UPRATE (EPU)**

**CDI REPORT NO. 08-04NP, "ACOUSTIC AND LOW FREQUENCY HYDRODYNAMIC LOADS
AT CLTP POWER LEVEL ON BROWNS FERRY NUCLEAR UNIT 1 STEAM DRYER
TO 250 HZ"**

(NON-PROPRIETARY VERSION)

Attached is the non-proprietary version of CDI Report No. 08-04, "Acoustic and Low Frequency Hydrodynamic Loads at CLTP Power Level on Browns Ferry Nuclear Unit 1 Steam Dryer to 250 Hz."