



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

August 21, 2007

TVA-BFN-TS-431

TVA-BFN-TS-418

10 CFR 50.90

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

Gentlemen:

In the Matter of	)	Docket Nos. 50-259
Tennessee Valley Authority	)	50-260
	)	50-296

**BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, AND 3 -  
TECHNICAL SPECIFICATIONS (TS) CHANGES TS-431 AND TS-418 -  
EXTENDED POWER UPRATE (EPU) - STEAM DRYER LIMIT CURVES**

By letters dated June 28, 2004 and June 25, 2004 (ADAMS Accession Nos. ML041840109 and ML041840301, respectively), TVA submitted license amendment applications to the 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 to 3952 megawatts. By letter dated July 27, 2007 (ML072130371) TVA submitted the completed BFN steam dryer stress analyses for Units 1, 2 and 3. This letter provides the completed BFN steam dryer limit curve analyses for Units 1, 2 and 3 in the enclosed reports.

Please note that the reports provided in Enclosures 1 and 2 contain information that Continuum Dynamics, Inc. (CDI) considers to be proprietary in nature and subsequently, pursuant to 10 CFR 2.390(a)(4), requests that such information be withheld from public disclosure.

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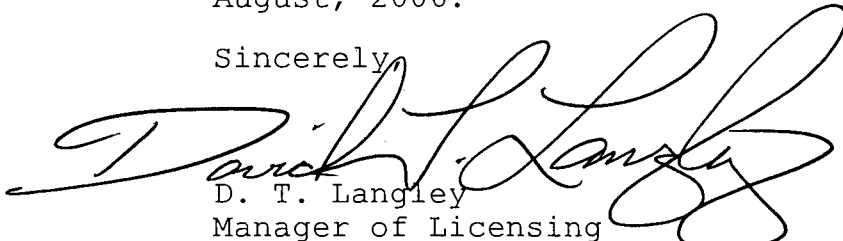
Enclosures 3 and 4 contain the redacted versions of the reports with the CDI proprietary material removed which is suitable for public disclosure. Enclosure 5 is an affidavit from CDI supporting this request.

TVA has determined that the additional information provided by this letter does not affect the no significant hazards considerations associated with the proposed TS changes. The proposed TS changes still qualify for a categorical exclusion from environmental review pursuant to the provisions of 10 CFR 51.22(c)(9).

No new regulatory commitments have been made in this submittal. If you have any questions regarding this letter, please contact me at (256)729-3612.

I declare under penalty of perjury that the foregoing is true and correct. Executed on this 21<sup>st</sup> day of August, 2006.

Sincerely,



D. T. Langley  
Manager of Licensing  
and Industry Affairs

Enclosures:

1. CDI Technical Note No. 07-30P, "Limit Curve Analysis with ACM Rev. 4 for Power Ascension at Browns Ferry Nuclear Unit 1" (proprietary version)
2. CDI Technical Note No. 07-31P, "Limit Curve Analysis with ACM Rev. 4 for Power Ascension at Browns Ferry Nuclear Unit 2/3" (proprietary version)
3. CDI Technical Note No. 07-30NP, "Limit Curve Analysis with ACM Rev. 4 for Power Ascension at Browns Ferry Nuclear Unit 1" (non-proprietary version)
4. CDI Technical Note No. 07-31NP, "Limit Curve Analysis with ACM Rev. 4 for Power Ascension at Browns Ferry Nuclear Unit 2/3" (non-proprietary version)
5. CDI Affidavit

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Enclosure:

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