



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000  
November 16, 1999

10 CFR 50.71(e)(4)

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

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 -  
UPDATED FINAL SAFETY ANALYSIS REPORT (UFSAR), AMENDMENT 18**

Pursuant to the requirements of 10 CFR 50.71(e)(4), TVA is submitting Amendment 18 of the BFN UFSAR. Amendment 18 is a six month update following the Unit 2 Cycle 10 refueling outage that completed May 8, 1999. The previous update of the BFN UFSAR, Amendment 17, was submitted by TVA letter dated August 30, 1999. Amendment 18 reflects changes to the site that occurred between the period of March 15, 1999, to August 20, 1999.

On October 1, 1999, TVA submitted an exception request in accordance with 10 CFR 50.4(c) that would allow submission of a reduced number of paper copies of the BFN UFSAR. TVA's proposed alternative provided for submission of CD-ROM versions of the BFN UFSAR. NRC approved TVA's request by letter dated October 14, 1999, and stipulated that TVA should provide the original, one paper copy, and four CD-ROM copies to the NRC Document Control Desk, and one CD-ROM copy each to the appropriate Regional Administrator and NRC Senior Resident Inspector. The enclosure to this letter provides the original, one paper copy, and four CD-ROM copies of Amendment 18 of the BFN UFSAR.

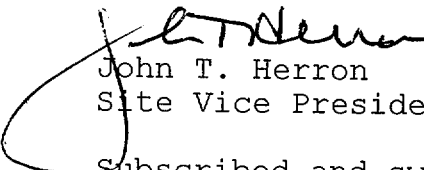
*A053  
1 1/2 paper copies  
5 CD's  
12/17/99*

U.S. Nuclear Regulatory Commission  
Page 2  
November 16, 1999

I certify that I am a duly authorized officer of 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.

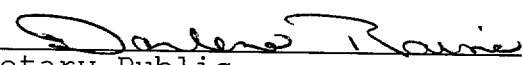
If you have any questions, please contact T. E. Abney,  
Manager of Licensing and Industry Affairs, at  
(256) 729-2636.

Sincerely,

  
John T. Herron  
Site Vice President

Subscribed and sworn to before me

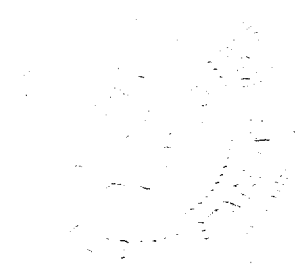
on this 16th day of November 1999.

  
Notary Public

My Commission Expires 4/12/2003

Enclosure

cc: See Page 3



U.S. Nuclear Regulatory Commission  
Page 3  
November 16, 1999

Enclosure

cc (Enclosure):

Mr. Luis Reyes, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
61 Forsyth Street, S.W.  
Suite 23T85  
Atlanta, Georgia 30303

Mr. Paul E. Fredrickson, Branch Chief  
U.S. Nuclear Regulatory Commission  
Region II  
61 Forsyth Street, S.W.  
Suite 23T85  
Atlanta, Georgia 30303

NRC Resident Inspector  
Browns Ferry Nuclear Plant  
10833 Shaw Road  
Athens, Alabama 35611

Mr. William O. Long, Senior Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852