

August 10, 1988

Docket No. 50-260

Mr. S. A. White  
Senior Vice President, Nuclear Power  
Tennessee Valley Authority  
6N 38A Lookout Place  
1101 Market Street  
Chattanooga, Tennessee 37402-2801

Distribution

~~Docket File~~  
NRC PDR  
Local PDR  
Projects Reading  
JPartlow  
SRichardson  
SBlack  
BDLiaw  
FMcCoy  
WSLittle  
MSimms

DMoran  
GGears  
JKelly  
JRutberg  
FMiraglia  
EJordan  
ACRS(10)  
GPA/PA  
GPA/CA  
BFN Rdg. File

Dear Mr. White:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - BROWNS FERRY NUCLEAR PLANT,  
UNIT 2

The staff is in the process of reviewing the following Browns Ferry restart issues:

<u>TAC NO.</u>	<u>NAME</u>
45681	ADS Actuation Modification
62260-C	Electric Circuit Protection by Current Limiting Fuses
62260-F	Overload Protection of the Motor Control Center Circuits

We find that additional information is necessary to enable the staff to complete its review of these issues. Please transmit your responses to our request for additional information enumerated in the Enclosure by September 15, 1988.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original Signed by  
Gerald E. Gears for

Suzanne Black, Assistant Director  
for Projects  
TVA Projects Division  
Office of Special Projects

Enclosure:  
Request for Additional Information

cc w/enclosure:  
See next page

DF01  
1/1

8808120192 880810  
PDR ADOCK 05000260  
P PDC

OSP:TVA/LA  
MSimms  
8/10/88

OSP:TVA/PM  
DMoran  
8/10/88

OSP:TVA/PM  
GGears  
8/10/88

TVA:AD/P  
SBlack  
8/10/88

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

BROWNS FERRY UNIT 2

TAC No. 45681 ADS ACTUATION MODIFICATION

Provide the completed design package change for the ADS Actuation Modification. The package should include TVA's safety evaluation and all drawings.

TAC No. 62260C ELECTRIC CIRCUIT PROTECTION BY CURRENT LIMITING FUSES

Provide the latest revision of the BFN fuse substitution program control document PSP BF6.12, Design Standards DS-E8.1.1 and DS-E8.1.2; new fuse tabulation; and the criteria for sizing fuses, if different than Design Standards DS-E8.1.1 and DS-E8.1.2.

In addition, provide the CAQR reports that identified inadequately installed fuses during the plant walkdown. The following documents should also be submitted for a representative sample of the identified inadequate fuses:

- Schematic Diagrams.
- Calculations to support the new TOL heaters selected.

TAC No. 62260F OVERLOAD PROTECTION OF THE MOTOR CONTROL CENTER CIRCUITS

Provide the criteria for sizing the thermal overload (TOL) heaters for motor control center (MCC) circuits; the CAQR reports which identified inadequate installed TOL heaters during the plant walkdown; and following documents for a representative sample of the identified inadequate TOL heaters:

- Schematic Diagrams.
- Calculations to support the new TOL heaters selected.

Mr. S. A. White  
Tennessee Valley Authority

Browns Ferry Nuclear Plant  
Unit 2

cc:

General Counsel  
Tennessee Valley Authority  
400 West Summit Hill Drive  
E11 B33  
Knoxville, Tennessee 37902

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, N.W.  
Atlanta, Georgia 30323

Mr. R. L. Gridley  
Tennessee Valley Authority  
5N 157B Lookout Place  
Chattanooga, Tennessee 37402-2801

Resident Inspector/Browns Ferry NP  
U.S. Nuclear Regulatory Commission  
Route 12, Box 637  
Athens, Alabama 35611

Mr. H. P. Pomrehn  
Tennessee Valley Authority  
Browns Ferry Nuclear Plant  
P.O. Box 2000  
Decatur, Alabama 35602

Dr. Henry Myers, Science Advisor  
Committee on Interior  
and Insular Affairs  
U.S. House of Representatives  
Washington, D.C. 20515

Mr. M. J. May  
Tennessee Valley Authority  
Browns Ferry Nuclear Plant  
P.O. Box 2000  
Decatur, Alabama 35602

Tennessee Valley Authority  
Rockville Office  
11921 Rockville Pike  
Suite 402  
Rockville, Maryland 20852

Mr. D. L. Williams  
Tennessee Valley Authority  
400 West Summit Hill Drive  
W10 B85  
Knoxville, Tennessee 37902

Chairman, Limestone County Commission  
P.O. Box 188  
Athens, Alabama 35611

Claude Earl Fox, M.D.  
State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36130



100