

January 13, 1987

Docket No. 50-260

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

Distribution:	Docket File	NRC & LPDRs
SNorris	RBernero	DVassallo
EJordan	JPartlow	BGrimes
ACRS 10	LHarmon	LFMB
TBarnhart 4	OGC-Bethesda	NThompson
EButcher	PD#2 Plant Files	HDenton
HThompson	OPA JTaylor	SRichardson
BHayes, OI	KBarr, RII	NGrace, RII
LSpessard, DI	SRConnelly, OIA	JHolonich
CStahle	GZech, RII	TKenyon
WLong	BYoungblood	RWessman
TAlexion	AIgnatonis, RII	GGears
	WECampbell, OIA	

Dear Mr. White:

SUBJECT: ERRATUM FOR AMENDMENT NO. 125 DATED AUGUST 19, 1986

Re: Browns Ferry Nuclear Plant Unit 2

By letter dated August 19, 1986, Amendment No. 125 was issued to the Browns Ferry Nuclear Plant Unit 2 license No. DPR-52. In that letter Unit 2 was erroneously listed as Unit 1. On TS page 55 the Reactor Low Water Level trip setting was inadvertently changed from 378" to 470". Amendment No. 106 dated September 19, 1984 had correctly put that trip setting at 378". A corrected page 55 is attached. In a similar manner the references on p. 169A were deleted. A corrected page 169A is attached.

Sincerely,

**Original signed by**

Marshall Grotenhuis, Project Manager  
BWR Project Directorate #2  
Division of BWR Licensing

Enclosures:  
As stated

cc w/enclosures:  
See next page

OFFICIAL RECORD COPY

DBL:PD#2	DBL:PD#2	DBL:PD#2	DBL:PD#2
SNorris	MGrotenhuis;eh	GGears	DMiller
1/ /87	1/13/87	1/13/87	1/13/87

8701150350 870113  
PDR ADDCK 05000260  
P PDR

Mr. S. A. White, Manager of Nuclear Power  
Tennessee Valley Authority

Browns Ferry Nuclear Plant  
Units 1, 2, and 3

cc:

General Counsel  
Tennessee Valley Authority  
400 Commerce Avenue  
E 11B 330  
Knoxville, Tennessee 37902

Resident Inspector  
U. S. Nuclear Regulatory Commission  
Route 2, Box 311  
Athens, Alabama 35611

R. W. Cantrell  
Acting Director, Nuclear Engineering  
Tennessee Valley Authority  
400 West Summit Hill Drive, W12 A12  
Knoxville, Tennessee 37902

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

M. J. May  
Tennessee Valley Authority  
Browns Ferry Nuclear Plant  
Post Office Box 2000  
Decatur, Alabama 35602

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

Chairman, Limestone County Commission  
Post Office Box 188  
Athens, Alabama 35611

Ira L. Meyers, M.D.  
State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36130

Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

Mr. Steven Roessler  
U. S. Nuclear Regulatory Commission  
Reactor Training Center  
Osborne Office Center, Suite 200  
Chattanooga, Tennessee 37411

8701150373 870113  
 PDR ADDCK 05000260  
 PDR

Amendment Nos. 28, 49, 82, 102, 106, 125

TABLE J.2.A  
 PRIMARY CONTAINMENT AND REACTOR BUILDING ISOLATION INSTRUMENTATION

Minimum No. Instrument Channels Operable per Trip Sys(1)(11)	Function	Trip Level Setting	Action (1)	Remarks
2	Instrument Channel - Reactor Low Water Level (6) (LIS-3-203 A-D)	≥ 538" above vessel zero	A or (B and E)	1. Below trip setting does the following: a. Initiates Reactor Building Isolation b. Initiates Primary Containment Isolation c. Initiates SGTS
1	Instrument Channel - Reactor High Pressure	100 ± 15 psig	D	1. Above trip setting isolates the shutdown cooling suction valves of the RHR system.
2	Instrument Channel - Reactor Low Water Level (LIS-3-56 A-D)	≥ 378" above vessel zero	A	1. Below trip setting initiates Main Steam Line Isolation
2	Instrument Channel - High Drywell Pressure (6) (PIS-64-56 A-D)	≤ 2.5 psig	A or (B and E)	1. Above trip setting does the following: a. Initiates Reactor Building Isolation b. Initiates Primary Containment Isolation c. Initiates SGTS
2	Instrument Channel - High Radiation Main Steam Line Tunnel (6)	≤ 3 times normal rated full power background	B	1. Above trip setting initiates Main Steam Line Isolation
2	Instrument Channel - Low Pressure Main Steam Line (PIS-1-72, 76, 82, 86)	≥ 825 psig (4)	B	1. Below trip setting initiates Main Steam Line Isolation
2(3)	Instrument Channel - High Flow Main Steam Line (PdIS-1-13A-D, 25A-D, 36A-D, 50A-D)	≤ 140% of rated steam flow	B	1. Above trip setting initiates Main Steam Line Isolation

## BASES

### 3.5.M. Reporting Requirements

The LCOs associated with monitoring the fuel rod operating conditions are required to be met at all times, i.e., there is no allowable time in which the plant can knowingly exceed the limiting values for MAPLHGR, LHGR, and MCPR. It is a requirement, as stated in Specifications 3.5.I, J, and K, that if at any time during steady state power operation it is determined that the limiting values for MAPLHGR, LHGR, or MCPR are exceeded, action is then initiated to restore operation to within the prescribed limits. This action is initiated as soon as normal surveillance indicates that an operating limit has been reached. Each event involving steady state operation beyond a specified limit shall be reported within 30 days. It must be recognized that there is always an action which would return any of the parameters (MAPLHGR, LHGR, or MCPR) to within prescribed limits, namely power reduction. Under most circumstances, this will not be the only alternative.

### 3.5.N. References

1. Loss-of-Coolant Accident Analysis for Browns Ferry Nuclear Plant Unit 2, NEDO - 24088-1 and Addenda.
2. "BWR Transient Analysis Model Utilizing the RETRAN Program," TVA-TR81-01-A.
3. Generic Reload Fuel Application, Licensing Topical Report, NEDE - 24011-P-A and Addenda.

AE