

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  
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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

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SNorris	MGrotenhuis;eh	GGears	DMiller
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Mr. S. A. White, Manager of Nuclear Power  
Tennessee Valley Authority

Browns Ferry Nuclear Plant  
Units 1, 2, and 3

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

TABLE 3.2.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