

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

June 25, 1981

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303



Dear Mr. O'Reilly:

OFFICE OF INSPECTION AND ENFORCEMENT BULLETIN 79-27 - BROWNS FERRY
NUCLEAR PLANT - 50-259, -260, -296

By my letter to you dated June 26, 1980, we submitted the response to IE Bulletin 79-27 for the Browns Ferry Nuclear Plant. That response outlined a problem with the reactor feedwater pump/main turbine control circuitry and stated that we would notify you of the long-term solution and its implementation schedule. As a supplement to that response, we are submitting as an enclosure a description of the long-term modification design and a schedule for its implementation.

If you have any questions, please call Jim Domer at FTS 857-2014.

To the best of my knowledge, I declare the statements contained herein are complete and true.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc (Enclosure):

Director of Reactor Operations Inspection
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. Victor Stello, Jr., Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

SUPPLEMENTAL RESPONSE TO IE BULLETIN 79-27 "LOSS OF NON-CLASS 1E INSTRUMENTATION AND CONTROL POWER SYSTEM BUS DURING OPERATION" BROWNS FERRY NUCLEAR PLANT (DOCKET NOS. 50-259, -260, -296)

The long-term design solution to resolve the problems with the feedwater pump trip circuitry will consist of revising power supplies in the feedwater control system. The following changes will be made to the feedwater control system power supplies to resolve the concerns addressed by NRC-OIE Bulletin 79-27.

	TVA/General Electric (GE) Device No.	Change Power Supply	
		From	To
1.	GE power supply 6-91	Unit preferred	FW inverter
2.	LM-3-206/6-72C	Unit preferred	FW inverter
3.	LS-3-206/2-121C	Unit preferred	FW inverter
4.	XS-46-7/6-95	Unit preferred	I&C Bus A
5.	GE power supply 6-93	FW inverter	Unit preferred
6.	LS-3-53A/6-121A	FW inverter	Unit preferred
7.	LM-3-53A/6-72A	FW inverter	Unit preferred
8.	FM-46-6/6-74	I&C Bus A	Unit preferred
9.	FT-1-13/6-51A	GE power supply 6-93	GE power supply 6-91
10.	FT-3-78A/6-50A	GE power supply 6-93	GE power supply 6-91

The work will be completed on the following schedule:

Unit 1 - by September 30, 1981

Unit 2 - by September 30, 1982

Unit 3 - by March 31, 1982

Implementation of these modifications on all three units of Browns Ferry will complete all work required to comply with IE Bulletin 79-27.