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Gentlemen:

PDR

In the Matter of **Tennessee Valley Authority** Docket Nos. 50-259 50-260 50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, AND 3 - REQUEST FOR EXTENSION OF COMMITMENT DATE-OPERABILITY OF RADIOACTIVE EFFLUENT INSTRUMENTS

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R. Gridley letter to NRC dated August 25, 1988 "Browns Ferry Reference: Nuclear Plant (BFN) - Inoperable Radioactive Effluent Instruments"

In the referenced letter, TVA provided NRC with a schedule for restoring the subject instruments to operable status. During testing of a modification on the raw cooling water (RCW) monitors, a design problem was encountered. This problem affects both the RCW monitors and the residual heat removal service. water (RHRSW) monitors.

The intent of the modification was to provide a downscale inoperable annunciation when the operate switch was moved from the operate mode. This modification resulted in the unintentional masking of a loss of "detector high voltage signal" to the same annunciator.

The circuit logic is being modified to correct this deficiency. This modification will be completed and the RHRSW and RCW monitors will be operable before fuel load. The required compensatory monitoring will continue until the monitors become operable.

Summary statements of commitments contained in this submittal including a list of instruments to be restored to operable status are provided in enclosure 1. The commitment for returning the other instruments to operable status, as listed in the referenced letter, remains unchanged.

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U.S. Nuclear Regulatory Commission

SEP 27 1988

If you have any questions concerning this submittal, please telephone Patrick Carier at (205) 729-2689.

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Very truly yours,

TENNESSEE VALLEY AUTHORITY

Rasch H. Shell

R. Gridley, Manager Nuclear Licensing and Regulatory Affairs

Enclosure

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cc: Enclosure Ms. S. C. Black, Assistant Director for Projects TVA Projects Division U.S. Nuclear Regulatory Commission One White Flint, North 11555 Rockville Pike Rockville, Maryland 20852

> Mr. F. R. McCoy, Assistant Director for Inspection Programs
> TVA Projects Division
> U.S. Nuclear Regulatory Commission
> Region II
> 101 Marietta Street, NW, Suite 2900
> Atlanta, Georgia 30323

Browns Ferry Resident Inspector Browns Ferry Nuclear Plant Route 12, Box 637 Athens, Alabama 35611



Operable Date

Commitment List

The following is a list of radioactive effluent monitors that will be operable before fuel load of unit 2.

	8	In	strument	۲.	.*	ь,
:	1)	RCW	monitor	1-90-132		
-	2)	RCW	monitor	2-90-132		
	3)	RCW		3-90-132		
	4)	RHRSW	monitor	1-90-134		
	5)	RHRSW	monitor	2-90-133		
	6)	RHB2M	monitor	2-90-134		

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^AR. Gridley, Manager Nuclear Licensing and Regulatory Affairs

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<u>Instrument</u>

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Operable Date

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-	2)	RCW	monitor	2-90-132
	3)	RCW	monitor	3-90-132
	4)	RHRSW	monitor	1-90-134
	5)	RHRSW	monitor	2-90-133
	6)	RHRSW	monitor	2-90-134
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