



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

Central File
50-260

September 1, 1977

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
230 Peachtree Street, NW., Suite 1217
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 -
DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE
OCCURRENCE REPORT BFRO-50-260/7711

The enclosed report provides details concerning the reactor water column "B" reference leg which was low, producing a +20-inch error in two reactor water low-level scram switches during startup from cold shutdown. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry unit 2.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


H. S. Fox
Director of Power Production

Enclosure (3)

cc (Enclosure):

Director (3)

Office of Management Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director (40)

Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

LICENSEE REPORT

BFA63
9/29/76

CONTROL BLOCK: 1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 A 1 B R F 2										LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0										LICENSE TYPE 4 1 1 1 1					EVENT TYPE 0 3	
CATEGORY CONT										REPORT TYPE L		REPORT SOURCE L		DOCKET NUMBER 0 5 0 - 0 2 6 0					EVENT DATE 0 8 1 4 7 7					REPORT DATE		

EVENT DESCRIPTION

During startup from cold shutdown, reactor water column "B" reference leg was low, producing a +20-inch error in two reactor water low-level scram switches. Redundant switches were operable and in service. The reference leg was refilled and water level agreement confirmed. This is not a repetitive problem. BFRO-50-260/7711

SYSTEM CODE I A		CAUSE CODE F		COMPONENT CODE I N S T R U				PRIME COMPONENT SUPPLIER N		COMPONENT MANUFACTURER G 0 8 0			VIOLATION N	
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CAUSE DESCRIPTION

The apparent cause was either evaporation of water from the reference leg during cold shutdown, or inadvertent operation of equalizer or drain valves.

FACILITY STATUS C		% POWER 0 0 0		OTHER STATUS N/A		METHOD OF DISCOVERY b		DISCOVERY DESCRIPTION Operator observation			
FORM OF ACTIVITY RELEASED Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY N/A				LOCATION OF RELEASE N/A			

PERSONNEL EXPOSURES

NUMBER 0 0 0		TYPE Z		DESCRIPTION N/A					
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PERSONNEL INJURIES

NUMBER 0 0 0		DESCRIPTION N/A					
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OFFSITE CONSEQUENCES

N/A							
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LOSS OR DAMAGE TO FACILITY

TYPE Z		DESCRIPTION N/A					
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PUBLICITY

N/A							
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ADDITIONAL FACTORS

The integrity of all sensing lines and valves external to the drywell was confirmed.

NAME: _____ PHONE: _____

