

CONTROL BLOCK:

LICENSEE
NAME

LICENSE NUMBER

**LICENSE
TYPE**

EVENT
TYPE

CLASS		LICENSE NUMBER										TYPE					TYPE											
8	9	A	L	B	R	F	1	0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	0	1				
							14	15						25						26						30	31	32

01		CON'T		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER						EVENT DATE						REPORT DATE			
7	8	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
				T	L	0	5	0	-	0	2	5	9	0	9	2	1	7	6						

02	7 3 9		80
03	7 8 9		80
04	7 8 9	(See attached sheet)	80
05	7 8 9		80
06	7 8 9		80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION			
0	7	X	X	F	Z	Z	Z	Z	Z	Z	N	G	0	8	0	X
7	8	9	10	11	12					17	43	44			47	48

[illegible]

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	B	0	0	9	N/A	A	Operator observation		
7	8	9	10	12	13	44	45	46	80
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE			
12	Z	Z	N/A			N/A			
7	8	9	10	11	44	45	80		

NUMBER				TYPE	DESCRIPTION
13	0	0	0	2	N/A

NUMBER				DESCRIPTION
14	0	0	0	N/A

15	N/A	80
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TYPE		DESCRIPTION
18	2	N/A

17 | _____ N/A PDR ADDCK 05000259
7 8 9 | _____ S PDR

89 (See attached sheet) 89

19 60 80

NAME

PHONE:

Event Description

At about 0300 hours the rod worth minimizer (RWM) latched in the first rod of group 5 following proper operation during startup and withdrawal of the previous 4 rod groups. Before withdrawing the first group 5 rod, a shutdown was initiated due to other plant problems. The shutdown proceeded through rod group 4 and upon selection of the first rod in group 3, the RWM was discovered still latched in group 5. From the time of this discovery, a second operator was used to satisfactorily confirm all required rod moves during shutdown. The RSCS was operable and enforcing. (BFRO-50-259/7616)

Cause Description

Normal diagnostic checks failed to indicate a reason for the RWM problem. Failure during software data transfer to the RWM is suspected since three redundant hardware channels are available to establish required rod blocks.

Additional Factors

To ensure that the RWM was properly enforcing, rod movements for approximately 50% of the rods were verified upon startup of the reactor.



TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

RE FILE COPY

October 4, 1976

Mr. Norman C. Moseley, Director
U.S. Nuclear Regulatory Commission
Region II
230 Peachtree Street, NW., 8th Floor
Atlanta, Georgia 30303

Dear Mr. Moseley:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 -
DOCKET NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE
OCCURRENCE REPORT BFR-50-259/7616

The enclosed report is to provide details concerning the rod worth minimizer (RWM) that latched in the first rod of group 5 following proper operation during startup and withdrawal of the previous 4 rod groups. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry Nuclear Plant unit 1.

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



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