

(PLEASE PRINT ALL REQUIRED INFORMATION)

01	A	L	B	R	F	3	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	1																	
7	8	9				14	15										25	26					31	32																	
01		CONT		CATEGORY		*	REPORT TYPE		T	REPORT SOURCE		L	DOCKET NUMBER						EVENT DATE					REPORT DATE																	
0	1												0	5	0	-	0	2	9	6	0	7	0	4	7	6	0	7	1	2	7	6									
7	8			57		58	59		60	61						68						69					74					75					80				

[illegible]

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

SYSTEM CODE		CAUSE CODE		COMPONENT CODE						COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
0	7	F	D	E	X	X	X	X	X	X	N	5	3	9	2	N	
7	8	9	10	11	12					17	43	44				47	48

CAUSE DESCRIPTION

08	(See attached sheet)	80
09		80
10		80

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

PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION
13	0	0	0	Z N/A

PERSONNEL INJURIES

NUMBER			DESCRIPTION
14	0	0	N/A

OFFSITE CONSEQUENCES

15 N/A PDR ADUCK 05000298
7 8 9 S PDR

LOSS OR DAMAGE TO FACILITY

TYPE			DESCRIPTION
1	6	D	Blade guide handle sheared and stop pins bent

PUBLICITY

17	N/A	80
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ADDITIONAL FACTORS

18 | N/A | 80

19 | _____ 80

NAME: _____ PHONE: _____

Event Description

A blade guide assembly was being removed from the reactor as part of fuel-loading operations. When the bottom of the blade guide assembly was approximately three feet above the upper core plate, a section of the telescoping grapple boom slipped downward. When this section reached its normal extended position, it impulsed the lower sections which caused an abrupt force on the boom which broke the blade guide assembly handle. The blade guide assembly fell back into the incore position from which it was removed. (BFRO-50-296/761)

Cause Description

Interference between two adjacent sections of the boom as the grapple was being lifted caused one section to stop before it was fully extended. Then the section fell to its fully-extended position.

Additional Factors

All pieces of the boom and blade guide assembly were accounted for; the surrounding fuel assemblies, adjacent LPRM incore, and the fuel support piece inspected and no evidence of damage observed; and the boom was replaced with the unit 2 boom which had demonstrated reliability during fuel loading on that unit.



TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

296-76-1

JUL 16 1976

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

Dear Mr. Moseley:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 3 -
DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE
OCCURRENCE REPORT BPRO-50-296/761W

The enclosed report is to provide details concerning a blade guide assembly that was being removed from the reactor as part of fuel-loading operations and is submitted in accordance with Appendix E to Regulatory Guide 1.16, Revision 4, August 1975. This event occurred on Browns Ferry Nuclear Plant unit 3.

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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