

50-260

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr. Norman C. Mosely

FROM: TVA
Chattanooga, Tenn. 37401
H. S. FoxDATE OF DOCUMENT
06-09-77DATE RECEIVED
06-24-77☒ LETTER
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PROP

INPUT FORM

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1 SIGNED

DESCRIPTION

1 page

PLANT NAME: BROWNS FERRY UNIT # 2
jcm 06-24-77

ENCLOSURE

Licensee Event Report (BFR0-50-260/
779) on 05-26-77 concerning notification from
NSSS vendor that minimum critical power ratio
limit should be 1.29 for power operation with a
core average exposure exceeding 8000 MWD/T...

1 page

ACKNOWLEDGED

DO NOT REMOVE

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:	Schwencer
W/3 CYS FOR ACTION	
LIC. ASST.:	Sheppard
W/1 CYS	
ACRS /6 CYS HOLDING/SENT	CAT B

INTERNAL DISTRIBUTION

REG FILE				
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I & E (2)				
MIPC				
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HOUSTON				
NOVAK/CHECK				
GRIMES				
BUTLER				
HANAUER				
TEDESCO/MACCARY				
EISENHUT				
BAER				
SHAO				
VOLLMER/BUNGH				
KREGER/J. COLLINS				

EXTERNAL DISTRIBUTION

LPDR:	ATHENS, AL
TIC:	
NSIC:	

CONTROL NUMBER

771750134

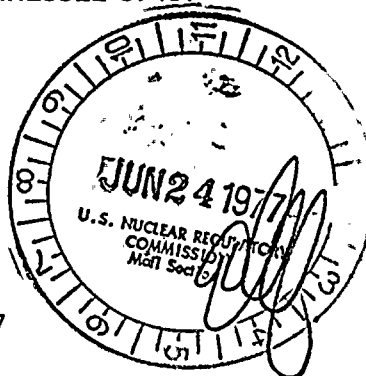


TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

June 9, 1977

Mr. Norman C. Moseley, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
230 Peachtree Street, NW., Suite 1217
Atlanta, Georgia 30303



Dear Mr. Moseley:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 -
DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE
OCCURRENCE REPORT BFRO-50-260/779

The enclosed report is to provide details concerning notification by the NSSS vendor that the minimum critical power ratio limit, as determined by analysis of a turbine trip (or load rejection) without bypass, should be 1.29 for power operation with a core average exposure exceeding 8000 MWD/T. The critical power ratio limit currently in use is 1.25. 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

REGULATORY DOCKET FILE COPY

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

771750134

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUN 23 PM 12 35

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

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

EVENT DESCRIPTION

02 During steady state operation with a critical power ratio of 1.26 and a core average																																																																															
03 exposure of 5854 MWD/T, the NSSS vendor gave notification that the minimum critical																																																																															
04 power ratio limit, as determined by analysis of a turbine trip (or load rejection)																																																																															
05 without bypass, should be 1.29 for power operation with a core average exposure exceeding																																																																															
06 8000 MWD/T. The critical power ratio limit currently in use is 1.25. (BFR0-50-260/779)																																																																															

SYSTEM CODE 07 R C		CAUSE CODE C		COMPONENT CODE F U E L X X										PRIME COMPONENT SUPPLIER N		COMPONENT MANUFACTURER G O 8 0					VIOLATION Y	
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CAUSE DESCRIPTION

08 A non-conservative error in the steam line volume used in the transient/safety analysis																																																																															
09 was discovered.																																																																															
10																																																																															

FACILITY STATUS 11 E		% POWER 0 9 7		OTHER STATUS NA										METHOD OF DISCOVERY D		DISCOVERY DESCRIPTION Letter from vendor				
FORM OF ACTIVITY RELEASED 12 Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY NA												LOCATION OF RELEASE NA				

PERSONNEL EXPOSURES

NUMBER 13 0 0 0		TYPE Z		DESCRIPTION NA									
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PERSONNEL INJURIES

NUMBER 14 0 0 0		DESCRIPTION NA									
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OFFSITE CONSEQUENCES

15 NA																																																																															
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LOSS OR DAMAGE TO FACILITY

TYPE 16 Z		DESCRIPTION NA									
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PUBLICITY

17 NA																																																																															
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ADDITIONAL FACTORS

18 NA																																																																															
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