U.S. NUCLEAR REGULATORY COMMISSION

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DOCKET NUMBER 50-296

FILE NUMBER INCIDENT REPORT

N.C. MOSELEY	FROM: TENNESSEE VALLEY AUTHORITY CHATTANOOGA, TENN. H.S. FOX	DATE OF DOCUMENT 3/10/77 DATE RECEIVED 4/6/77

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DESCRIPTION

LTR. TRANS THE FOLLOWING.........

(1P)

PLANT NAME: BROWNS FERRY # 3

SAB

ENCLOSURE

LICENSEE EVENT REPORT FOR R.O. #774 ON 1/15/77 CONCERNING THE CMFLPD EXCEEDING THE LIMIT.

(1P)

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 16 CYS ~~HOLDING~~/SENT	As CAT B

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EXTERNAL DISTRIBUTION

LPDR: Athens, Al
TIC:
NSIC:

CONTROL NUMBER

770980247

NRC FORM 195 (2-76)

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

Regulatory File Cy.

RECEIVED
APR 3 1977
U.S. NUCLEAR REGULATORY COMMISSION
Mail Section

March 10, 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 3 - DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE OCCURRENCE REPORT BFRO-50-296/774

The enclosed report is to provide details concerning CMFLPD that exceeded the limit on January 15, and January 18, 1977, and MAPRAT that exceeded the limit on January 18, and January 24, 1977. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry unit 3.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Joseph

for 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

770980247

ICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
ALBRF3	00-00000-00	41111	03

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
CON'T		L	L	050-0296	011577	

EVENT DESCRIPTION

At 2319 hours on 1/15/77 CMFLPD went to 0.998 (limit = 0.992) in node 9 at 3279 MWt. Power was decreased to 3260 MWt by flow reduction to bring CMFLPD to 0.990 at node 9 within 2 hours. At 0300 on 1/18/77 CMFLPD went to 0.994 (limit - 0.992) in node 9 and MAPRAT went to 1.002. Power was reduced with flow about 15 MWe to bring CMFLPD went to 1.003 and (Over)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
RC	F	FUELXX	N	G080	N

CAUSE DESCRIPTION

These limits were exceeded due to gadolinia burnout in the fuel causing an increase in the local LHGR. In all cases, flow decreases reduced power to bring CMFLPD in limits within 2 hours.

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
E	099	N/A	B	N/A

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
Z	Z	N/A	N/A

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
000	Z	N/A

PERSONNEL INJURIES

NUMBER	DESCRIPTION
000	N/A

OFFSITE CONSEQUENCES

N/A

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
Z	N/A

PUBLICITY

N/A

ADDITIONAL FACTORS

The events were recognized reportable during a periodic review of the technical specification by the reactor engineer. Prior to this time, the correction of the out-of-limit condition (Over)

Event Description (Continued)

MAPRAT to 1.009. Power was reduced by flow from 3281 MWt to 3269 MWt to bring CMFLPD to 0.990 and MAPRAT to 0.997 within 2 hours. At 0700 hours on 1/24/77 MAPRAT went to 1.002 while at 3260 MWt. Power was reduced with flow 10 MWe to bring MAPRAT to 0.999 with 2 hours. BFRO-50-296/774.

Additional Factors (Continued)

within the interval specified in the limiting condition for operation was not considered reportable.