

50-260

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:

Mr. Norman C. Moseley

FROM:

Tennessee Valley Authority
Chattanooga, Tennessee
H. S. Fox

DATE OF DOCUMENT

6/9/77

DATE RECEIVED

6/14/77

☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☐ ORIGINAL☒ COPY☒ UNCLASSIFIED

DESCRIPTION

ENCLOSURE

DO NOT REMOVE

PLANT NAME:

ACKNOWLEDGED

Browns Ferry Unit No. 2

(1-P)

(1-P)

RJL 6/15/77

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

FOR ACTION/INFORMATION

BRANCH CHIEF:

W/3 CYS FOR ACTION

LIC. ASST.:

W/ CYS

ACRS CYS HOLDING/SENT

Schwencer

Sheppard

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

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

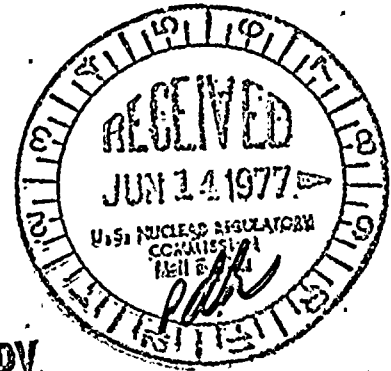
771670001

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:

REGULATORY DOCKET FILE COPY

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

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

771670001

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME

LICENSE NUMBER

LICENSE TYPE

EVENT TYPE

01 A L B R F 2 0 0 - 0 0 0 0 0 - 0 0 4 1 1 1 1 0 1

01 CONT P L 0 5 0 - 0 2 6 0 0 5 2 6 7 7

EVENT DESCRIPTION

02 During steady state operation with a critical power ratio of 1.26 and a core average exposure of 5854 MWD/T, the NSSS vendor gave notification 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. (BFO-50-260/779)

SYSTEM CODE

CAUSE CODE

COMPONENT CODE

PRIME COMPONENT SUPPLIER

COMPONENT MANUFACTURER

VIOLATION

07 R C C F U E L X X N G 0 8 0 Y

CAUSE DESCRIPTION

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

FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

11 E 0 9 7 NA D Letter from vendor

FORM OF ACTIVITY RELEASED

CONTENT OF RELEASE

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

12 Z Z NA NA

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

13 0 0 0 Z NA

PERSONNEL INJURIES

NUMBER

DESCRIPTION

14 0 0 0 NA

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

TYPE DESCRIPTION

16 Z NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

19 NA