

## MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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CONTROL NO: 13016

FILE: MONTHLY REPORT FILE

FROM: Tennessee Valley Authority Decatur, Alabama H.J. Green			DATE OF DOC 11-7-75	DATE REC'D 11-13-75	LTR XXX	TWX	RPT	OTHER
TO:			ORIG	CC	OTHER	SENT AEC PDR XXX		
NRC			1 Signed			SENT LOCAL PDR XXX		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-259 & 260		

## DESCRIPTION:

Ltr trans the following:

## ENCLOSURES:

Monthly Report for October 1975  
 Plant & Component Operability & Availability  
 This Report to be used in preparing Gray Book  
 by Plans & Operations.

NUMBER OF COPIES REC'D: 1

PLANT NAME: Browns Ferry L &amp; 2

## FOR ACTION/INFORMATION

SAB 11-14-75

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ACKNOWLEDGED

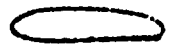
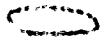
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## INTERNAL DISTRIBUTION

<u>REG FILE</u> NRC PDR OGC, ROOM P-506A. GOSSICK/STAFF CASE--- GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILL & REGION (2) STEELE	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER  <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUSBYRCK (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN (E)	<u>A/T IND.</u> BRAITMAN SALTZMAN MELTZ  <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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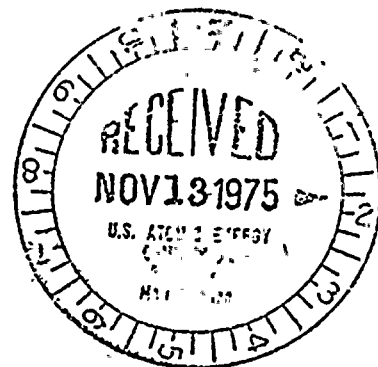


TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant

P.O. Box 2000

Decatur, Alabama 35601



November 7, 1975

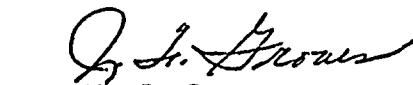
Nuclear Regulatory Commission  
Office of Management Information  
and Program Control  
Washington, D. C. 20545

Gentlemen:

Enclosed is the October 1975 report on plant and component operability and availability for Browns Ferry Nuclear Plant units 1 and 2.

• Very truly yours,

TENNESSEE VALLEY AUTHORITY

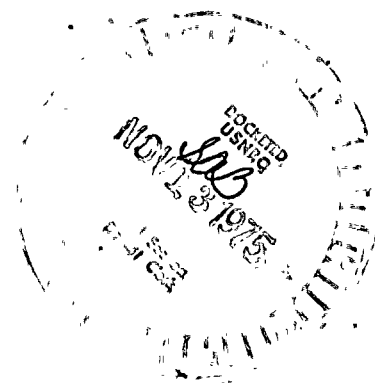
  
H. J. Green  
Plant Superintendent

Regulatory

File Cy4

Enclosures: 2

CC: Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
230 Peachtree Street, NW  
Suite 818  
Atlanta, Georgia 30303



13016

UNIT NAME BROWNS FERRY IDATE 4/75

OPERATING STATUS:

COMPLETED BY: Harold A. Walls

1. REPORTING PERIOD: 0000751001 TO 2400751031  
 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL NET 3293 100e-NET1065
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): N/A
4. REASONS FOR RESTRICTIONS ( IF ANY):

	THIS MONTH	YR-TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL.....	0	1,592.75	9,870.02
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	339.10	526.10
7. HOURS GENERATOR ON-LINE.....	0	1,535.98	9,282.80
8. UNIT RESERVE SHUTDOWN HOURS .....	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH).....	0	4,280,616	22,036,392
10. GROSS ELECTRICAL POWER GENERATED (MWH)(5)	0	1,416,650	7,091,570
11. NET ELECTRICAL POWER GENERATED (MWH).....	-1,766.	1,353,418	6,839,647
12. REACTOR AVAILABILITY FACTOR(1) .....	0	21.8	55.1
13. UNIT USE FACTOR (2).....	0	21.1	51.8
14. UNIT CAPACITY FACTOR (3).....	0	17.4	36.8
15. FORCED OUTAGE RATE (4). . . . .	100	78.4	43.2

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: Undetermined

18. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	_____	_____	_____
INITIAL ELECTRICAL POWER GENERATION	_____	_____	_____
COMMERCIAL OPERATION	_____	_____	_____

- (1) REACTOR AVAILABILITY FACTOR -  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (2) UNIT USE FACTOR -  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (3) UNIT CAPACITY FACTOR -  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}}$
- (4) FORCED OUTAGE RATE -  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} \times \text{FORCED OUTAGE HOURS}}$
- (5) DOES NOT INCLUDE AUXILIARY DIESEL GENERATION



UNIT NAME Unit Remained in Cold Shutdown

For Repair Of Control Cables.

UNIT NAME BROWNS FERRY 1

DATE 11/4/75

COMPLETED BY Harold Walls

REPORT MONTH OCTOBER

# PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
9	751001	F	745	B	B	

(1) REASON:

- A-EQUIPMENT FAILURE (EXPLAIN)
- B-MAINT, OR TEST
- C-REFUELING
- D-REGULATORY RESTRICTION
- E-OPERATOR TRAINING AND LICENSING EXAMINATION
- F-ADMINISTRATIVE
- G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:

- A-MANUAL
- B-MANUAL SCRAM
- C-AUTOMATIC SCRAM

UNIT

BROWNS FERRY I

DATE

11/4/75

COMPLETED BY

Harold Walls

DAILY UNIT POWER OUTPUT

MONTH

OCTOBER

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-2.5</u>	25	<u>-1.1</u>
2	<u>-2.6</u>	26	<u>-1.1</u>
3	<u>-2.5</u>	27	<u>-1.1</u>
4	<u>-2.6</u>	28	<u>-1.1</u>
5	<u>-2.6</u>	29	<u>-1.4</u>
6	<u>-2.6</u>	30	<u>-1.4</u>
7	<u>-2.7</u>	31	<u>-1.5</u>
8	<u>-2.8</u>		
9	<u>-3.0</u>		
10	<u>-2.5</u>		
11	<u>-2.8</u>		
12	<u>-2.8</u>		
13	<u>-2.5</u>		
14	<u>-2.2</u>		
15	<u>-2.2</u>		
16	<u>-2.1</u>		
17	<u>-1.0</u>		
18	<u>-1.1</u>		
19	<u>- .8</u>		
20	<u>-1.2</u>		
21	<u>-1.0</u>		
22	<u>-1.0</u>		
23	<u>-1.3</u>		
24	<u>-1.0</u>		

Note: Negative values indicate static  
use when unit is off line.





UNIT NAME BROWNS FERRY IIDATE 11/075OPERATING STATUS:COMPLETED BY: Harold Walls

1. REPORTING PERIOD: 0000751001 TO 240071031  
GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL NET 3293 Net-Net 1005
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): N/A
4. REASONS FOR RESTRICTIONS ( IF ANY):

	THIS MONTH	YR-TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL.....	0	1,644.65	3,841.49
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	3,250.35	3,849.30
7. HOURS GENERATOR ON-LINE.....	0	1,578.92	3,578.08
8. UNIT RESERVE SHUTDOWN HOURS .....	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH).....	0	4,474,080	8,259,696
10. GROSS ELECTRICAL POWER GENERATED (MWH) (5)	0	1,465,200	2,629,890
11. NET ELECTRICAL POWER GENERATED (MWH).....	-4,855	1,384,856	2,502,592
12. REACTOR AVAILABILITY FACTOR (1) .....	0	22.5	37.3
13. UNIT USE FACTOR (2).....	0	21.6	34.7
14. UNIT CAPACITY FACTOR (3).....	0	17.8	22.8
15. FORCED OUTAGE RATE (4).....	100	78.0	64.0
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):			

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: Undetermined

18. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	_____	_____	_____
INITIAL ELECTRICAL POWER GENERATION	_____	_____	_____
COMMERCIAL OPERATION	_____	_____	_____

(1) REACTOR AVAILABILITY FACTOR -  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$ (2) UNIT USE FACTOR -  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$ (3) UNIT CAPACITY FACTOR -  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}}$ (4) FORCED OUTAGE RATE -  $\frac{\text{HOURS GENERATOR ON-LINE} - \text{FORCED OUTAGE HOURS}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$ 

(5) DOES NOT INCLUDE AUXILIARY DIESEL GENERATION



Unit Remained in Cold Shutdown

For Repair Of Control Cables.

UNIT NAME BROWNS FERRY 11

DATE 11/4/75

COMPLETED BY HAROLD WALLS

REPORT MONTH OCTOBER

# PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
9	751001	F	745	B	C	<p>(1) REASON:</p> <p>A-EQUIPMENT FAILURE (EXPLAIN)</p> <p>B-MAINT, OR TEST</p> <p>C-REFUELING</p> <p>D-REGULATORY RESTRICTION</p> <p>E-OPERATOR TRAINING AND LICENSING EXAMINATION</p> <p>F-ADMINISTRATIVE</p> <p>G-OPERATIONAL ERROR (EXPLAIN)</p> <p>(2) METHOD:</p> <p>A-MANUAL</p> <p>B-MANUAL</p> <p>C-AUTOMATIC</p> <p>D-AUTOMATIC</p>



UNIT

BROWNS FERRY II

DATE

11/4/75

COMPLETED BY

Harold Walls

DAILY UNIT POWER OUTPUT

MONTH

OCTOBERDAYAVERAGE DAILY MWe-netDAYAVERAGE DAILY MWe-net

1

- 9.4

25

- 7.5

2

-11.5

26

- 8.0

3

- 9.6

27

- 8.0

4

- 9.5

28

- 7.3

5

- 9.6

29

- 7.3

6

-10.1

30

- 7.2

7

- 9.4

31

- 7.7

8

-13.0

9

- 4.7

10

- 7.2

11

-7.7

12

- 7.7

13

- 6.9

14

- 7.7

15

- 6.9

16

- 7.7

17

- 7.2

18

- 8.0

19

- 6.0

20

- 7.5

21

- 7.2

22

- 7.5

23

-8.0

24

- 7.6

Note: Negative values indicate station  
use when unit is off line.

