

MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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FROM: Tennessee Valley Authority Decatur, Alabama H.J. Green		DATE OF DOC 12-9-75	DATE REC'D 12-15-75	LTR XXX	TWX	RPT	OTHER
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	XXX			1		50-259(260)	

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Monthly Report for November 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 1 & 2

FOR ACTION/INFORMATION

SAB 12-18-75

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TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant
P. O. Box 2000
Decatur, Alabama 35601

December 9, 1975

50-259/260

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

Regulatory

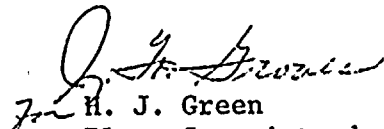
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Gentlemen:

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

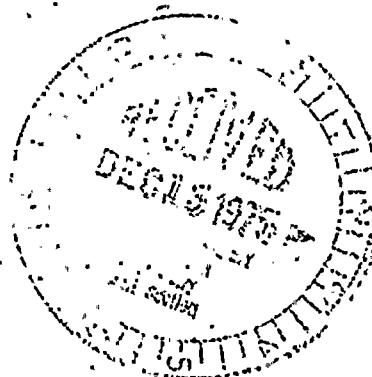
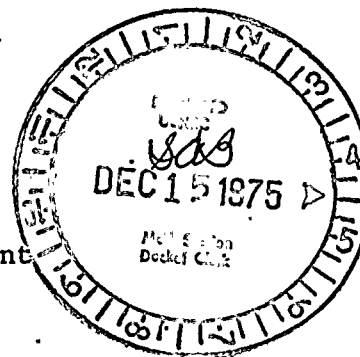
Very truly yours,

TENNESSEE VALLEY AUTHORITY


H. J. Green
Plant Superintendent

Enclosures: 2

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



13940

DATE 12/5/77OPERATING STATUS:COMPLETED BY: Harold Walls

1. REPORTING PERIOD: 0000751101 TO .2400751130
 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL 3293 1065 1065
 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	7,091,510
11. NET ELECTRICAL POWER GENERATED (MWH).....	-3,419	1,349,999	6,836,228
12. REACTOR AVAILABILITY FACTOR(1)	0	19.9	52.9
13. UNIT USE FACTOR (2).....	0	19.2	49.8
14. UNIT CAPACITY FACTOR (3).....	0	15.8	35.3
15. FORCED OUTAGE RATE (4)	100	80.4	45.6
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 - $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(4) FORCED OUTAGE RATE - $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(5) DOES NOT INCLUDE AUXILIARY DIESEL GENERATION

UNIT NAME Brown's Ferry - 1

DATE 12/5/75

COMPLETED BY Harold Walls

REPORT MONTH November

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
5.	751101	F	720	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-AUTOMATIC
C-AUTOMATIC
D-AUTOMATIC
E-AUTOMATIC
F-AUTOMATIC
G-AUTOMATIC

DAILY UNIT POWER OUTPUTMONTH November

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-1.4</u>	25	<u>-5.3</u>
2	<u>-1.0</u>	26	<u>-6.1</u>
3	<u>-1.8</u>	27	<u>-4.9</u>
4	<u>-6.2</u>	28	<u>-5.5</u>
5	<u>-1.5</u>	29	<u>-4.9</u>
6	<u>-2.7</u>	30	<u>-4.1</u>
7	<u>-9.5</u>	31	<u>-</u>
8	<u>-3.2</u>		
9	<u>-6.9</u>		
10	<u>-4.8</u>		
11	<u>-5.1</u>		
12	<u>-4.6</u>		
13	<u>-5.5</u>		
14	<u>-5.2</u>		
15	<u>-5.3</u>		
16	<u>-5.2</u>		
17	<u>-4.8</u>		
18	<u>-5.4</u>		
19	<u>-5.0</u>		
20	<u>-4.8</u>		
21	<u>-2.8</u>		
22	<u>-7.0</u>		
23	<u>-10.7</u>		
24	<u>-7.3</u>		

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

DATE 2/5/75COMPLETED BY: Harold WallsOPERATING STATUS:

1. REPORTING PERIOD: 0000751101 TO 2400751130
 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL 3293 Me-Net 1065
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).....	-5,281	1,379,575	2,497,311
12. REACTOR AVAILABILITY FACTOR(1)	0	20.5	34.8
13. UNIT USE FACTOR (2).....	0	19.7	32.4
14. UNIT CAPACITY FACTOR (3).....	0	16.2	21.3
15. FORCED OUTAGE RATE (4).	100	80.0	66.5
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 - HOURS REACTOR WAS CRITICAL *100
GROSS HOURS IN REPORTING PERIOD

(2) UNIT USE FACTOR - HOURS GENERATOR ON-LINE *100
GROSS HOURS IN REPORTING PERIOD

(3) UNIT CAPACITY FACTOR - NET ELECTRICAL POWER GENERATED
CURRENTLY LICENSED POWER LEVEL/GROSS HOURS IN REPORTING PERIOD

(4) FORCED OUTAGE RATE - FORCED OUTAGE HOURS *100
HOURS GENERATOR ON-LINE - FORCED OUTAGE HOURS

(5) DOES NOT INCLUDE AUXILIARY DIESEL GENERATION



UNIT NAME

Browns Ferry - 11

Unit remained in cold shutdown for repair of control cables.

DATE 12/5/75

COMPLETED BY Harold Walls

REPORT MONTH November

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
9.	751101	F	720	B	C	

(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
 C-AUTO
 D-AUTO
 E-AUTO
 F-AUTO
 G-AUTO

UNIT

Browns Ferry - II

DATE

12/5/75

COMPLETED BY

Harold A. Walls

DAILY UNIT POWER OUTPUT

MONTH

November

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-7.5</u>	25	<u>-10.3</u>
2	<u>-6</u>	26	<u>-12.9</u>
3	<u>-9.3</u>	27	<u>-7.7</u>
4	<u>-9.0</u>	28	<u>-8.8</u>
5	<u>-4.9</u>	29	<u>-8.0</u>
6	<u>-6.1</u>	30	<u>-7.1</u>
7	<u>-12.5</u>	31	<u> </u>
8	<u>-7.8</u>		
9	<u>-12.1</u>		
10	<u>-7.2</u>		
11	<u>-7.5</u>		
12	<u>-5</u>		
13	<u>-3.8</u>		
14	<u>-4.6</u>		
15	<u>-4.6</u>		
16	<u>-4.6</u>		
17	<u>-4.6</u>		
18	<u>-4.6</u>		
19	<u>-4.3</u>		
20	<u>-5.0</u>		
21	<u>-9.7</u>		
22	<u>-10.5</u>		
23	<u>-10.5</u>		
24	<u>-8.4</u>		

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

