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U.S. NUCLEAR REGULATORY COMMISSION

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FILE NUMBER
MONTHLY REPORT

TO: USNRC

FROM: Tennessee Valley Authority
Decatur, Alabama
H.J. Green

DATE OF DOCUMENT
7-9-76

DATE RECEIVED
7-13-76

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

MONTHLY REPORT FOR June 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

PLANT NAME: Browns Ferry # 1 & 2

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 7-14-76

MIPC

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TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant

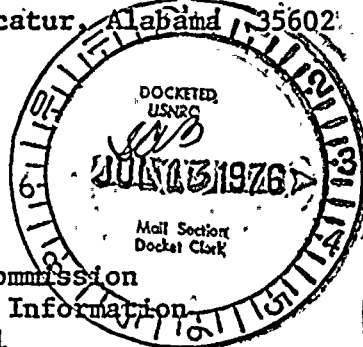
P. O. Box 2000

Decatur, Alabama 35602

Regulatory

File Cy.

July 9, 1976



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

Gentlemen:

Enclosed is the June 1976 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

H. J. Green
Power Plant Superintendent

7020

UNIT NAME BROWN'S FERRY #1DATE 7/2/76COMPLETED BY: Harold WallsTELEPHONE 729-6202

OPERATING STATUS:

1. Reporting Period: 0000760601 to 2400760630Gross Hours in Reporting Period: 7202. Currently Authorized Power Level MWh 3293 MWe-net 1065Max. Depend. capacity (MWe-net) 10653. 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

0

9,870.02

6. Reactor Reserve Shutdown Hours

720

1,104

3,076.9

7. Hours Generator On-Line

0

0

9,282.8

8. Unit Reserve Shutdown Hours

0

0

0

9. Gross Thermal Power Generated (MWh)

0

0

22,036,392

10. Gross Electrical Power Generated (MWh)

0

0

7,091,570

11. Net Electrical Power Generated (MWh)

0

0

6,864,764

12. Reactor Service Factor

0

0

41.5

13. Reactor Available Factor

100

25.3

54.5

14. Unit Service Factor

0

0

39.1

15. Unit Availability Factor

0

0

39.1

16. Unit Capacity Factor (using MDC)

0

0

27.1

17. Unit Capacity Factor (using Design MWe)

0

0

27.1

18. Forced Outage Rate

100

100

58.2

19. Shutdowns scheduled to begin in next 6
months (state type, date and duration
of each): NONE20. If shutdown at end of report period, estimated date of startup: UNDETERMINED

21. Plants in Test Status (prior to commercial operation) Report the Following:

Forecast

Achieved

Initial Criticality

Initial Electrical
Power Generation

Commercial Operation

SUMMARY:

UNIT REMAINED IN COLD SHUTDOWN

UNIT NAME BROWNS FERRY IDATE 7/2/76COMPLETED BY Harold WallsREPORT MONTH JUNE

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1.	760601	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-MANUAL
C-AUTOM
SCRA

UNIT

BROWNS FERRY I

DATE

7/2/76

COMPLETED BY

R. Willerton

DAILY UNIT POWER OUTPUT

MONTH

JUNEDAYAVERAGE DAILY MWe-netDAYAVERAGE DAILY MWe-net

1

-6.5

25

-9.3

2

-7.2

26

-8.5

3

-5.3

27

-7.9

4

-6.9

28

-7.6

5

-6.9

29

-8.4

6

-6.2

30

-7.9

7

-7.5

31

8

-8.0

9

-10.0

10

-9.2

11

-8.2

12

-8.7

13

-8.1

14

-8.1

15

-7.9

16

-8.4

17

-8.6

18

-8.6

19

-9.3

20

-9.3

21

-9.2

22

-9.4

23

-8.6

24

-9.6

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



UNIT NAME BROWNS FERRY IIDATE 7/2/76COMPLETED BY: Harold WallsTELEPHONE 729-6202**OPERATING STATUS:**1. Reporting Period: 0000760601 to --2400760630Gross Hours in Reporting Period: 7202. Currently Authorized Power Level MWe 3293 MWe-net 1065Max. Depend. capacity (MWe-net) 10653. 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	0	3,841.49
6. Reactor Reserve Shutdown Hours	720	4,367	9,755.39
7. Hours Generator On-Line	0	0	3,578.08
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Power Generated (MWH)	0	0	8,259,696
10. Gross Electrical Power Generated (MWH)	0	0	2,629,890
11. Net Electrical Power Generated (MWH)	0	0	2,543,462
12. Reactor Service Factor	0	0	23.8
13. Reactor Available Factor	100	100	84.2
14. Unit Service Factor	0	0	22.2
15. Unit Availability Factor	0	0	22.2
16. Unit Capacity Factor (using MDC)	0	0	14.8
17. Unit Capacity Factor (using Design MWe)	0	0	14.8
18. Forced Outage Rate	100	100	77.3

19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each): NONE20. If shutdown at end of report period, estimated date of startup: UNDETERMINED

21. Plants in Test Status (prior to commercial operation) Report the Following:

	Forecast	Achieved
Initial Criticality		
Initial Electrical Power Generation		
Commercial Operation		



11

UNIT REMAINED IN COLD SHUTDOWN

UNIT NAME BROWNS FERRY 11
 DATE 7/2/76
 COMPLETED BY Harold Walls

REPORT MONTH JUNE

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	760601	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-AUTOMATIC
 - C-AUTOMATIC
 - D-AUTOMATIC
 - E-AUTOMATIC
 - F-AUTOMATIC
 - G-AUTOMATIC

UNIT

BROWNS FERRY II

DATE

7/2/76

COMPLETED BY

R. Willerton

DAILY UNIT POWER OUTPUT

MONTH

JUNE

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-7.7</u>	25	<u>-9.5</u>
2	<u>-7.2</u>	26	<u>-8.0</u>
3	<u>-7.2</u>	27	<u>-7.8</u>
4	<u>-7.0</u>	28	<u>-7.8</u>
5	<u>-7.3</u>	29	<u>-7.3</u>
6	<u>-7.4</u>	30	<u>-6.0</u>
7	<u>-6.4</u>	31	<u> </u>
8	<u>-5.8</u>		
9	<u>-8.0</u>		
10	<u>-6.9</u>		
11	<u>-5.8</u>		
12	<u>-6.3</u>		
13	<u>-5.6</u>		
14	<u>-5.8</u>		
15	<u>-5.7</u>		
16	<u>-5.8</u>		
17	<u>-6.3</u>		
18	<u>-6.0</u>		
19	<u>-7.0</u>		
20	<u>-9.8</u>		
21	<u>-7.6</u>		
22	<u>-7.5</u>		
23	<u>-6.9</u>		
24	<u>-7.7</u>		

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