

50-259/260

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MONTHLY REPORT

TO:

N. R. C.

FROM:

TENNESSEE VALLEY AUTHORITY
DECATOR, ALA.
H. J. GREEN

DATE OF DOCUMENT

6/9/76

DATE RECEIVED

6/14/76

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

MONTHLY REPORT FOR MAY/76

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

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME:

BROWNS FERRY 1 & 2

(1-P)

(6-P)

SAFETY

FOR ACTION/INFORMATION

ENVIRO

6/15/76

RJI

☒

MIPC

W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

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SHEPPARD

EXTERNAL DISTRIBUTION

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LPDR: ATHENS, AL.

☒

TIC

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NSIC

CONTROL NUMBER

6036



TENNESSEE VALLEY AUTHORITY

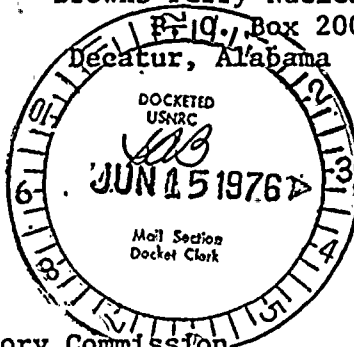
Browns Ferry Nuclear Plant

Box 2000
Decatur, Alabama 35601

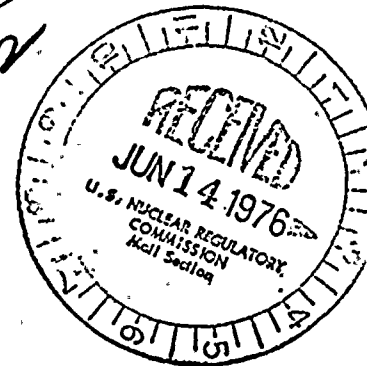
Regulatory

File Cy.

June 9, 1976



50-259/260
122




Nuclear Regulatory Commission
Office of Management Information
and Program Control
Washington, D. C. 20555

Gentlemen:

Enclosed is the May 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
Plant Superintendent

Enclosures: 2

CC: Director, Region II
Nuclear Regulatory Commission
Office of Inspection and Enforcement
230 Peachtree Street, NW
Suite 818
Atlanta, GA 30303
(1 copy)

Director, Office of Inspection & Enforcement
Nuclear Regulatory Commission
Washington, D. C. 20555
(10 copies)

6036

UNIT NAME Browns Ferry #1DATE 6/2/76COMPLETED BY: Harold WallsTELEPHONE 729-6202.

OPERATING STATUS:

1. Reporting Period: 0000760501 to 2400760531Gross Hours in Reporting Period: 744.02. 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	9870.02
6. Reactor Reserve Shutdown Hours	384	384	2356.9
7. Hours Generator On-Line	0	0	9282.80
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	42.8
13. Reactor Available Factor	51.6	10.5	53.1
14. Unit Service Factor	0	0	40.3
15. Unit Availability Factor	0	0	40.3
16. Unit Capacity Factor (using MDC)	0	0	28.0
17. Unit Capacity Factor (using Design MWe)	0	0	28.0
18. Forced Outage Rate	100	100	56.8
19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):	NONE		

20. 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		

Unit remains in cold shutdown
for repair of electrical cables

DATE 5/31/76

COMPLETED BY R. Willerton

REPORT MONTH MAY

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	760501	F	744	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

1

DATE

5/28/76

COMPLETED BY

R. Willerton

DAILY UNIT POWER OUTPUT

MONTH

MAY

DAYAVERAGE DAILY MWe-netDAYAVERAGE DAILY MWe-net

1

-8.0

25

-11.0

2

-8.3

26

-5.6

3

-1.1

27

-6.2

4

-1.3

28

-7.0

5

-30.0

29

-8.3

6

-8.8

30

-7.3

7

-9.3

31

-5.8

8

-8.5

9

-8.9

10

-9.8

11

-9.2

12

-7.6

13

-7.0

14

-7.2

15

-6.9

16

-5.1

17

-4.7

18

-5.2

19

-5.9

20

-5.3

21

-5.8

22

-7.2

23

-7.1

24

-7.5

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

UNIT NAME Browns Ferry #2DATE 6/2/76COMPLETED BY: Harold WallsTELEPHONE 729-6202**OPERATING STATUS:**

1. Reporting Period:	<u>0000760501</u>	to	<u>2400760531</u>
Gross Hours in Reporting Period:	<u>744</u>		
2. Currently Authorized Power Level MWh <u>3293</u>	MWe-net <u>1065</u>		
Max. Depend. capacity (MWe-net) <u>1065</u>			
3. Power Level to which restricted (if any):	<u>N/A</u>		
4. Reasons for restrictions (if any):			
	<u>This</u>	<u>Yr-To-Date</u>	<u>Cumulative</u>
	<u>Month</u>		<u>To Date</u>
5. Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>3,841.49</u>
6. Reactor Reserve Shutdown Hours	<u>744</u>	<u>3647</u>	<u>9,035.39</u>
7. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>3,578.08</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Power Generated (MWh)	<u>0</u>	<u>0</u>	<u>8,259,696</u>
10. Gross Electrical Power Generated (MWh)	<u>0</u>	<u>0</u>	<u>2,629,890</u>
11. Net Electrical Power Generated (MWh)	<u>0</u>	<u>0</u>	<u>2,543,462</u>
12. Reactor Service Factor	<u>0</u>	<u>0</u>	<u>24.9</u>
13. Reactor Available Factor	<u>100</u>	<u>100</u>	<u>83.5</u>
14. Unit Service Factor	<u>0</u>	<u>0</u>	<u>23.2</u>
15. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>23.2</u>
16. Unit Capacity Factor (using MDC)	<u>0</u>	<u>0</u>	<u>15.5</u>
17. Unit Capacity Factor (using Design MWe)	<u>0</u>	<u>0</u>	<u>15.5</u>
18. Forced Outage Rate	<u>100</u>	<u>100</u>	<u>76.2</u>
19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):	<u>NONE</u>		
20. If shutdown at end of report period, estimated date of startup:	<u>Undetermined</u>		
21. Plants in Test Status (prior to commercial operation) Report the Following:			
	<u>Forecast</u>	<u>Achieved</u>	
Initial Criticality	<u></u>	<u></u>	
Initial Electrical Power Generation	<u></u>	<u></u>	
Commercial Operation	<u></u>	<u></u>	

Unit remains in cold shutdown
for repair of electrical control
cables.

DATE

5/31/76

COMPLETED BY R. Willerton

REPORT MONTH

MAY

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	760501	F	744	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
SCRAM
C-AUTOMATIC
SCRAM

UNIT Browns Ferry #2DATE 5/27/76COMPLETED BY R. WillertonDAILY UNIT POWER OUTPUTMONTH MAY

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-3.1</u>	25	<u>-6.0</u>
2	<u>-5.4</u>	26	<u>-5.8</u>
3	<u>-4.9</u>	27	<u>-5.9</u>
4	<u>-5.4</u>	28	<u>-6.1</u>
5	<u>-6.0</u>	29	<u>-7.0</u>
6	<u>-9.2</u>	30	<u>-5.8</u>
7	<u>-4.3</u>	31	<u>-6.2</u>
8	<u>-5.0</u>		
9	<u>-4.9</u>		
10	<u>-5.2</u>		
11	<u>-4.6</u>		
12	<u>-5.8</u>		
13	<u>-4.2</u>		
14	<u>-4.7</u>		
15	<u>-5.0</u>		
16	<u>-8.0</u>		
17	<u>-8.2</u>		
18	<u>-8.3</u>		
19	<u>-7.1</u>		
20	<u>-8.4</u>		
21	<u>-6.8</u>		
22	<u>-5.7</u>		
23	<u>-6.0</u>		
24	<u>-5.3</u>		

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