NRC FORM 195 (2-76) U.S. NUCLEAR REGULATORY COMMISSION

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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:

PLANT NAME: Browns Ferry # 1 & 2

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

SAFETY — FOR ACTION/INFORMATION — ENVIRO — SAB 7-14-76

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W/4 CYS FOR ACTION

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LPDR: Athens, Ala.
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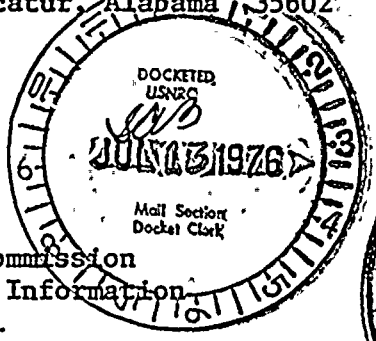
CONTROL NUMBER 7020

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 BROWNS FERRY #I

DATE 7/2/76

COMPLETED BY: Harold Walls

TELEPHONE 729-6202

OPERATING STATUS:

1. Reporting Period: 0000760601 to 2400760630
   Gross Hours in Reporting Period: 720
2. Currently Authorized Power Level MWt 3293 MWe-net 1065
   Max. Depend. capacity (MWe-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	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): 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		

SUMMARY:

UNIT REMAINED IN COLD SHUTDOWN

UNIT NAME BROWNS FERRY I

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	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 7/2/76

COMPLETED BY R. Willerton

DAILY UNIT POWER OUTPUT

MONTH JUNE

DAY	AVERAGE DAILY MWe-net	DAY	AVERAGE 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 II

DATE 7/2/76

COMPLETED BY: Harold Walls

TELEPHONE 729-6202

OPERATING STATUS:

1. Reporting Period: 0000760601 to 2400760630
   Gross Hours in Reporting Period: 720
2. Currently Authorized Power Level MWt 3293 MWe-net 1065
   Max. Depend. capacity (MWe-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	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): 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		

SUMMARY:

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-MANUAL SCRAM
C-AUTOMATIC SCRAM

UNIT BROWNS FERRY II

DATE 7/2/76

COMPLETED BY R. Willerton

DAILY UNIT POWER OUTPUT

MONTH JUNE

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

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