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ENCLOSURE

Letter trans the following:

Monthly Report for August 1977
Plant & Component Operability & Availability.
This Report to be used in preparing Gray Book
by Plans & Operations.

9p

14p

PLANT NAME: Browns Ferry 1-3

9-14-77

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FOR ACTION/INFORMATION

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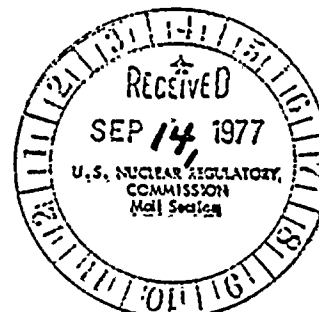
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TENNESSEE VALLEY AUTHORITY
Browns Ferry Nuclear Plant
P. O. Box 2000
Decatur, Alabama 35602

50-259
260
296

September 9, 1977

REGULATORY DOCKET FILE COPY



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

Gentlemen:

Enclosed is the August 1977 report on plant and component operability and availability for Browns Ferry Nuclear Plant units 1, 2, and 3.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. G. Dewease
J. G. Dewease
Plant Superintendent

Enclosures:

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)

772570236

UNIT NAME Browns Ferry IDATE 9-7-77COMPLETED BY: Don GreenTELEPHONE 205-729-8316OPERATING STATUS:1. Reporting Period: 0000770801 to 2400770831Gross Hours in Reporting Period: 7442. 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):

	<u>This Month</u>	<u>Yr-To-Date</u>	<u>Cumulative To Date</u>
5. Hours Reactor Was Critical	<u>744</u>	<u>5575.54</u>	<u>12670.05</u>
6. Reactor Reserve Shutdown Hours	<u>0</u>	<u>255.46</u>	<u>4046.8</u>
7. Hours Generator On-Line	<u>744</u>	<u>5507.26</u>	<u>12333.05</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Power Generated (MWH)	<u>1,979,323</u>	<u>14,865,908</u>	<u>31,645,818</u>
10. Gross Electrical Power Generated (MWH)	<u>659,920</u>	<u>4,959,830</u>	<u>10,567,780</u>
11. Net Electrical Power Generated (MWH)	<u>635,824</u>	<u>4,803,518</u>	<u>10,248,603</u>
12. Reactor Service Factor	<u>100</u>	<u>95.6</u>	<u>46.8</u>
13. Reactor Available Factor	<u>100</u>	<u>100</u>	<u>61.8</u>
14. Unit Service Factor	<u>100</u>	<u>94.4</u>	<u>45.6</u>
15. Unit Availability Factor	<u>100</u>	<u>94.4</u>	<u>45.6</u>
16. Unit Capacity Factor (using MDC)	<u>80.2</u>	<u>77.4</u>	<u>35.6</u>
17. Unit Capacity Factor (using Design MWe)	<u>80.2</u>	<u>77.4</u>	<u>35.6</u>
18. Forced Outage Rate	<u>0</u>	<u>4.9</u>	<u>50.9</u>
19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):	<u>Refueling Outage September 1977</u>		

20. If shutdown at end of report period, estimated date of startup: _____

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

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	_____	_____
Initial Electrical Power Generation	_____	_____
Commercial Operation	_____	_____

SUMMARY:

Unit operated at an
average load of 827 MWe

UNIT NAME Browns Ferry IDATE 9-7-77COMPLETED BY Don GreenREPORT MONTH August 1977

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
26	770820	F				Derated for recirc. pump M-G set maintenance.
						(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 IDATE 9-3-77COMPLETED BY Ted ThomDAILY UNIT POWER OUTPUTMONTH August 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>950</u>	25	<u>850</u>
2	<u>862</u>	26	<u>842</u>
3	<u>917</u>	27	<u>831</u>
4	<u>912</u>	28	<u>823</u>
5	<u>899</u>	29	<u>822</u>
6	<u>780</u>	30	<u>825</u>
7	<u>820</u>	31	<u>827</u>
8	<u>860</u>		
9	<u>866</u>		
10	<u>865</u>		
11	<u>863</u>		
12	<u>885</u>		
13	<u>867</u>		
14	<u>802</u>		
15	<u>865</u>		
16	<u>864</u>		
17	<u>862</u>		
18	<u>875</u>		
19	<u>856</u>		
20	<u>802</u>		
21	<u>855</u>		
22	<u>850</u>		
23	<u>851</u>		
24	<u>842</u>		

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

UNIT NAME Browns Ferry I.DATE 9-7-77COMPLETED BY: Don GreenTELEPHONE 205-729-8316OPERATING STATUS:1. Reporting Period: 0000770801 to 2400770831Gross Hours in Reporting Period: 7442. Currently Authorized Power Level MWT 3293 MWe-net 1065Max. Depend. capacity (MWe-net) 10653. Power Level to which restricted (if any): N/A

4. Reasons for restrictions (if any):

	<u>This Month</u>	<u>Yr-To-Date</u>	<u>Cumulative To Date</u>
5. Hours Reactor Was Critical	<u>744</u>	<u>5575.54</u>	<u>12670.05</u>
6. Reactor Reserve Shutdown Hours	<u>0</u>	<u>255.46</u>	<u>4046.8</u>
7. Hours Generator On-Line	<u>744</u>	<u>5507.26</u>	<u>12333.05</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Power Generated (MWH)	<u>1,979,323</u>	<u>14,865,908</u>	<u>31,645,818</u>
10. Gross Electrical Power Generated (MWH)	<u>659,920</u>	<u>4,959,830</u>	<u>10,567,780</u>
11. Net Electrical Power Generated (MWH)	<u>635,824</u>	<u>4,803,518</u>	<u>10,248,603</u>
12. Reactor Service Factor	<u>100</u>	<u>95.6</u>	<u>46.8</u>
13. Reactor Available Factor	<u>100</u>	<u>100</u>	<u>61.8</u>
14. Unit Service Factor	<u>100</u>	<u>94.4</u>	<u>45.6</u>
15. Unit Availability Factor	<u>100</u>	<u>94.4</u>	<u>45.6</u>
16. Unit Capacity Factor (using MDC)	<u>80.2</u>	<u>77.4</u>	<u>35.6</u>
17. Unit Capacity Factor (using Design MWe)	<u>80.2</u>	<u>77.4</u>	<u>35.6</u>
18. Forced Outage Rate	<u>0</u>	<u>4.9</u>	<u>50.9</u>
19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):	<u>Refueling Outage September 1977</u>		

20. If shutdown at end of report period, estimated date of startup: _____

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

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	_____	_____
Initial Electrical Power Generation	_____	_____
Commercial Operation	_____	_____

SUMMARY:

Unit operated at an
average load of 827 MWe

UNIT NAME Browns Ferry IDATE 9-7-77COMPLETED BY Don GreenREPORT MONTH August 1977

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
26	770820	F				Derated for recirc. pump M-G, set maintenance.
						(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 IDATE 9-3-77COMPLETED BY Ted ThomDAILY UNIT POWER OUTPUTMONTH August 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>950</u>	25	<u>850</u>
2	<u>862</u>	26	<u>842</u>
3	<u>917</u>	27	<u>831</u>
4	<u>912</u>	28	<u>823</u>
5	<u>899</u>	29	<u>822</u>
6	<u>780</u>	30	<u>825</u>
7	<u>820</u>	31	<u>827</u>
8	<u>860</u>		
9	<u>866</u>		
10	<u>865</u>		
11	<u>863</u>		
12	<u>885</u>		
13	<u>867</u>		
14	<u>802</u>		
15	<u>865</u>		
16	<u>864</u>		
17	<u>862</u>		
18	<u>875</u>		
19	<u>856</u>		
20	<u>802</u>		
21	<u>855</u>		
22	<u>850</u>		
23	<u>851</u>		
24	<u>842</u>		

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

UNIT NAME Browns Ferry IIDATE 9-7-77COMPLETED BY: Don GreenTELEPHONE 205-729-8316

OPERATING STATUS:

1. Reporting Period: 0000770801 to 2400770831Gross Hours in Reporting Period: 7442. 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
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5. Hours Reactor Was Critical	679.32	5546.54	8900.36
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6. Reactor Reserve Shutdown Hours	64.68	284.46	10658.64
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7. Hours Generator On-Line	663.87	5449.87	8515.60
----------------------------	--------	---------	---------

8. Unit Reserve Shutdown Hours	0	0	0
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9. Gross Thermal Power Generated (MWH)	1,810,718	15,326,769	21,967,230
--	-----------	------------	------------

10. Gross Electrical Power Generated (MWH)	591,810	5,025,210	7,203,600
--	---------	-----------	-----------

11. Net Electrical Power Generated (MWH)	573,060	4,876,203	6,993,989
--	---------	-----------	-----------

12. Reactor Service Factor	91.3	95.1	40.5
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13. Reactor Available Factor	100	100	89.1
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14. Unit Service Factor	89.2	93.4	38.8
-------------------------	------	------	------

15. Unit Availability Factor	89.2	93.4	38.8
------------------------------	------	------	------

16. Unit Capacity Factor (using MDC)	72.3	78.5	29.9
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17. Unit Capacity Factor (using Design MWe)	72.3	78.5	29.9
---	------	------	------

18. Forced Outage Rate	10.8	6.5	58.3
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19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):

20. If shutdown at end of report period, estimated date of startup:

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

Forecast	Achieved
----------	----------

Initial Criticality	
---------------------	--

Initial Electrical Power Generation	
-------------------------------------	--

Commercial Operation	
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SUMMARY:

Unit operated at an
average load of 771 MWe

UNIT NAME Browns Ferry IIDATE 9-7-77COMPLETED BY Don GreenREPORT MONTH August 1977

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
27	770803	F	7.07	A	C	MSIV Closure
28	770811	F	73.06	A	C	APRM High Flux.
29	770827	F				Derated for maintenance to recirc. M-G sets.
						<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>SCRAM</p> <p>C-AUTOMAT SCRAM</p>

DATE 9-7-77

COMPLETED BY Don Green

DAILY UNIT POWER OUTPUT

MONTH August 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>1021</u>	25	<u>980</u>
2	<u>934</u>	26	<u>1000</u>
3	<u>929</u>	27	<u>900</u>
4	<u>290</u>	28	<u>898</u>
5	<u>768</u>	29	<u>975</u>
6	<u>811</u>	30	<u>998</u>
7	<u>924</u>	31	<u>999</u>
8	<u>979</u>		
9	<u>986</u>		
10	<u>985</u>		
11	<u>896</u>		
12	<u>-7</u>		
13	<u>-7</u>		
14	<u>-5</u>		
15	<u>396</u>		
16	<u>494</u>		
17	<u>599</u>		
18	<u>705</u>		
19	<u>785</u>		
20	<u>805</u>		
21	<u>907</u>		
22	<u>977</u>		
23	<u>987</u>		
24	<u>980</u>		

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

UNIT NAME Browns Ferry IIDATE 9-7-77COMPLETED BY: Don GreenTELEPHONE 205-729-8316OPERATING STATUS:1. Reporting Period: 0000770801 to 2400770831Gross Hours in Reporting Period: 7442. Currently Authorized Power Level MWT 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	679.32	5546.54	8900.36
-------------------------------	--------	---------	---------

6. Reactor Reserve Shutdown Hours	64.68	284.46	10658.64
-----------------------------------	-------	--------	----------

7. Hours Generator On-Line	663.87	5449.87	8515.60
----------------------------	--------	---------	---------

8. Unit Reserve Shutdown Hours	0	0	0
--------------------------------	---	---	---

9. Gross Thermal Power Generated (MWH)	1,810,718	15,326,769	21,967,230
--	-----------	------------	------------

10. Gross Electrical Power Generated (MWH)	591,810	5,025,210	7,203,600
--	---------	-----------	-----------

11. Net Electrical Power Generated (MWH)	573,060	4,876,203	6,993,989
--	---------	-----------	-----------

12. Reactor Service Factor	91.3	95.1	40.5
----------------------------	------	------	------

13. Reactor Available Factor	100	100	89.1
------------------------------	-----	-----	------

14. Unit Service Factor	89.2	93.4	38.8
-------------------------	------	------	------

15. Unit Availability Factor	89.2	93.4	38.8
------------------------------	------	------	------

16. Unit Capacity Factor (using MDC)	72.3	78.5	29.9
--------------------------------------	------	------	------

17. Unit Capacity Factor (using Design MWe)	72.3	78.5	29.9
---	------	------	------

18. Forced Outage Rate	10.8	6.5	58.3
------------------------	------	-----	------

19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):

20. If shutdown at end of report period, estimated date of startup:

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

	Forecast	Achieved
--	----------	----------

Initial Criticality		
---------------------	--	--

Initial Electrical Power Generation		
-------------------------------------	--	--

Commercial Operation		
----------------------	--	--

SUMMARY:

Unit operated at an
average load of 771 MWe

UNIT NAME Browns Ferry IIDATE 9-7-77COMPLETED BY Don GreenREPORT MONTH August 1977**PLANT SHUTDOWNS**

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
27	770803	F	7.07	A	C	MSIV Closure
28	770811	F	73.06	A	C	APRM High Flux.
29	770827	F				Derated for maintenance to recirc. M-G sets.
						<div>(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)</div> <div>(2) METHOD: A-MANUAL B-MANUAL SCRAM C-AUTOMAT SCRAM</div>

UNIT

FLOWING TALLY

DATE 9-7-77

COMPLETED BY Don Green

DAILY UNIT POWER OUTPUT

MONTH August 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>1021</u>	25	<u>980</u>
2	<u>934</u>	26	<u>1000</u>
3	<u>929</u>	27	<u>900</u>
4	<u>290</u>	28	<u>898</u>
5	<u>768</u>	29	<u>975</u>
6	<u>811</u>	30	<u>998</u>
7	<u>924</u>	31	<u>999</u>
8	<u>979</u>		
9	<u>986</u>		
10	<u>985</u>		
11	<u>896</u>		
12	<u>-7</u>		
13	<u>-7</u>		
14	<u>-5</u>		
15	<u>396</u>		
16	<u>494</u>		
17	<u>599</u>		
18	<u>705</u>		
19	<u>785</u>		
20	<u>805</u>		
21	<u>907</u>		
22	<u>977</u>		
23	<u>987</u>		
24	<u>980</u>		

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

UNIT NAME Browns Ferry III
 DATE 9-7-77
 COMPLETED BY: Don Green
 TELEPHONE 205-729-8316

OPERATING STATUS:

1. Reporting Period: 0000770801 to 2400770831
 Gross Hours in Reporting Period: 744
 2. Currently Authorized Power Level MWe 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	744	3976.28	3976.28
6. Reactor Reserve Shutdown Hours	0	438.72	438.72
7. Hours Generator On-Line	740.98	3827.71	3827.71
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Power Generated (MWH)	2,258,455	10,903,275	10,903,275
10. Gross Electrical Power Generated (MWH)	727,790	3,508,710	3,508,710
11. Net Electrical Power Generated (MWH)	705,412	3,393,572	3,393,572
12. Reactor Service Factor	100	90.1	90.1
13. Reactor Available Factor	100	100	100
14. Unit Service Factor	99.6	86.7	86.7
15. Unit Availability Factor	99.6	86.7	86.7
16. Unit Capacity Factor (using MDC)	89.0	72.2	72.2
17. Unit Capacity Factor (using Design MWe)	89.0	72.2	72.2
18. Forced Outage Rate	0.4	13.3	13.3
19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):			

20. If shutdown at end of report period, estimated date of startup: _____

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

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electrical Power Generation	_____	_____
Commercial Operation	_____	_____

SUMMARY:

Unit operated at an
average load of 948 MWe

UNIT NAME Browns Ferry IIIDATE 9-7-77COMPLETED BY Don GreenREPORT MONTH August 1977

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
34	770801	F	3.02	B	B	Maintenance to recirc. valve FCV-68-23
35	770803					Derated due to high condenser back pressure
						<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>SCRAM</p> <p>C-AUTOMATIC</p>



UNIT

Browns Ferry 111

DATE

9-7-77

COMPLETED BY

Don Green

DAILY UNIT POWER OUTPUTMONTH August 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>464</u>	25	<u>1007</u>
2	<u>850</u>	26	<u>998</u>
3	<u>798</u>	27	<u>955</u>
4	<u>922</u>	28	<u>945</u>
5	<u>994</u>	29	<u>960</u>
6	<u>979</u>	30	<u>919</u>
7	<u>961</u>	31	<u>917</u>
8	<u>971</u>		
9	<u>976</u>		
10	<u>986</u>		
11	<u>988</u>		
12	<u>1013</u>		
13	<u>997</u>		
14	<u>908</u>		
15	<u>992</u>		
16	<u>987</u>		
17	<u>970</u>		
18	<u>1005</u>		
19	<u>992</u>		
20	<u>956</u>		
21	<u>985</u>		
22	<u>992</u>		
23	<u>1002</u>		
24	<u>992</u>		

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

UNIT

Browns Ferry III

DATE

9-7-77

COMPLETED BY

Don Green

DAILY UNIT POWER OUTPUTMONTH August 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>464</u>	25	<u>1007</u>
2	<u>850</u>	26	<u>998</u>
3	<u>798</u>	27	<u>955</u>
4	<u>922</u>	28	<u>945</u>
5	<u>994</u>	29	<u>960</u>
6	<u>979</u>	30	<u>919</u>
7	<u>961</u>	31	<u>917</u>
8	<u>971</u>		
9	<u>976</u>		
10	<u>986</u>		
11	<u>988</u>		
12	<u>1013</u>		
13	<u>997</u>		
14	<u>908</u>		
15	<u>992</u>		
16	<u>987</u>		
17	<u>970</u>		
18	<u>1005</u>		
19	<u>992</u>		
20	<u>956</u>		
21	<u>985</u>		
22	<u>992</u>		
23	<u>1002</u>		
24	<u>992</u>		

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

UNIT NAME Browns Ferry III
DATE 9-7-77
COMPLETED BY: Don Green
TELEPHONE 205-729-8316

OPERATING STATUS:

1. Reporting Period: 0000770801 to 2400770831

Gross Hours in Reporting Period: 744

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):

	<u>This</u> <u>Month</u>	<u>Yr-To-Date</u>	<u>Cumulative</u> <u>To Date</u>
5. Hours Reactor Was Critical	<u>744</u>	<u>3976.28</u>	<u>3976.28</u>
6. Reactor Reserve Shutdown Hours	<u>0</u>	<u>438.72</u>	<u>438.72</u>
7. Hours Generator On-Line	<u>740.98</u>	<u>3827.71</u>	<u>3827.71</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Power Generated (MWH)	<u>2,258,455</u>	<u>10,903,275</u>	<u>10,903,275</u>
10. Gross Electrical Power Generated (MWH)	<u>727,790</u>	<u>3,508,710</u>	<u>3,508,710</u>
11. Net Electrical Power Generated (MWH)	<u>705,412</u>	<u>3,393,572</u>	<u>3,393,572</u>
12. Reactor Service Factor	<u>100</u>	<u>90.1</u>	<u>90.1</u>
13. Reactor Available Factor	<u>100</u>	<u>100</u>	<u>100</u>
14. Unit Service Factor	<u>99.6</u>	<u>86.7</u>	<u>86.7</u>
15. Unit Availability Factor	<u>99.6</u>	<u>86.7</u>	<u>86.7</u>
16. Unit Capacity Factor (using MDC)	<u>89.0</u>	<u>72.2</u>	<u>72.2</u>
17. Unit Capacity Factor (using Design MWe)	<u>89.0</u>	<u>72.2</u>	<u>72.2</u>
18. Forced Outage Rate	<u>0.4</u>	<u>13.3</u>	<u>13.3</u>
19. Shutdowns scheduled to begin in next 6 months (state type, date and duration of each):			

20. If shutdown at end of report period, estimated date of startup: _____

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

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	_____	_____
Initial Electrical Power Generation	_____	_____
Commercial Operation	_____	_____



SUMMARY:

Unit operated at an
average load of 948 MWe

UNIT NAME Browns Ferry IIIDATE 9-7-77COMPLETED BY Don GreenREPORT MONTH August 1977

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
34	770801	F	3.02	B	B	Maintenance to recirc. valve FCV-68-23
35	770803					Derated due to high condenser back pressure
						(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-AUTOMAT. SCRAM

UNIT

Browns Ferry 111

DATE

9-7-77

COMPLETED BY

Don Green

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