



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609

November 14, 1994

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter Of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296

**BROWNS FERRY NUCLEAR PLANT (BFN) - MONTHLY OPERATING REPORT
FOR THE MONTH OF OCTOBER 1994**

In accordance with the requirements of BFN Units 1, 2, and 3 Technical Specifications Section 6.9.1.3, TVA is submitting the Monthly Operating Report for the month of October 1994 in the enclosure.

If you have any questions, please telephone me at
(205) 729-2636.

Sincerely,

Pedro Salas
Manager of Site Licensing

Enclosure

cc: See page 2

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U.S. Nuclear Regulatory Commission
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Enclosure

cc (Enclosure):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNITS 1, 2, AND 3

MONTHLY OPERATING REPORT
OCTOBER 1994

OPERATIONAL SUMMARY
OCTOBER 1994

BROWNS FERRY 1

Unit 1 remains shutdown on administrative hold to resolve various TVA and NRC concerns. Unit 1 has been on administrative hold since June 1, 1985. As a result, TVA considers that accrual of reporting hours is suspended since the unit has a maximum dependable capacity of 0 MWe. Accordingly, TVA does not consider cumulative reporting period hours for the period beginning June 1, 1985, when calculating the operating status variables.

BROWNS FERRY 2

Unit 2 was manually scrammed at 0100 hours on October 1 for the Cycle 7 refueling outage. Unit 2 remained shutdown for the entire month. Unit 2 is scheduled to return to service November 16, 1994.

BROWNS FERRY 3

Unit 3 remains shutdown on administrative hold to resolve various TVA and NRC concerns. Unit 3 has been on administrative hold since June 1, 1985. As a result, TVA considers that accrual of reporting hours is suspended since the unit has a maximum dependable capacity of 0 MWe. Accordingly, TVA does not consider cumulative reporting period hours for the period beginning June 1, 1985, when calculating the operating status variables.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259
 UNIT: BROWNS FERRY 1
 PREPARED BY: T. R. Smith
 TELEPHONE: (205) 729-2955

MONTH October 1994

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

16	<u>0</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-260
UNIT: BROWNS FERRY 2
PREPARED BY: T. R. Smith
TELEPHONE: (205) 729-2955

MONTH October 1994

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

16	<u>0</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-296
UNIT: BROWNS FERRY 3
PREPARED BY: T. R. Smith
TELEPHONE: (205) 729-2955

MONTH October 1994

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

16	<u>0</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: October 1994

DOCKET NO: 50-259
UNIT: BROWNS FERRY 1
PREPARED BY: T. R. Smith
TELEPHONE: (205) 729-2955

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
1	06/01/85	S	745	r	4				Administrative hold to resolve various TVA and NRC concerns.

¹F-Forced
S-Scheduled

²A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation of Existing Outage
5-Reduction
9-Other

⁴Instructions for Preparation of Licensee
Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: October 1994

DOCKET NO: 50-260
UNIT: BROWNS FERRY 2
PREPARED BY: T. R. Smith
TELEPHONE: (205) 729-2955

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
4	10/1/94	S	744	C	2	N/A	N/A	N/A	N/A

¹F-Forced
S-Scheduled

²A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation of Existing Outage
5-Reduction
9-Other

⁴Instructions for Preparation of Licensee Event Reports (NUREG-1022)

UNIT SHUTDOWNS AND POWLP REDUCTIONS
REPORT MONTH: October 1994

DOCKET NO: 50-296
UNIT: BROWNS FERRY 3
PREPARED BY: T. R. Smith
TELEPHONE: (205) 729-2955

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁴	Cause and Corrective Action to Prevent Recurrence
1	06/01/85	S	745	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F-Forced
S-Scheduled

²A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation of Existing Outage
5-Reduction
9-Other

⁴Instructions for Preparation of Licensee
Event Reports (NUREG-1022)

OPERATING DATA REPORT

DOCKET: 50-259
 UNIT: BROWNS FERRY 1
 PREPARED BY: T. R. SMITH
 TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 1
2. Reporting Period: OCTOBER 1994
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 0
7. Maximum Dependable Capacity (Net MWe): 0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): 0
10. Reason For Restrictions, If Any: Administrative Hold

THIS MONTH YEAR TO DATE CUMULATIVE*

11. Hours in Reporting Period	0	0	95743
12. Hours Reactor Was Critical	0	0	59521
13. Reactor Reserve Shutdown Hours	0	0	6997
14. Hours Generator On Line	0	0	58267
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Generation (MWh)	0	0	168066787
17. Gross Electrical Generation (MWh)	0	0	55398130
18. Net Electrical Generation (MWh)	0	0	53796427
19. Unit Service Factor	0	0	60.9
20. Unit Availability Factor	0	0	60.9
21. Unit Capacity Factor (MDC Net)	0	0	52.8
22. Unit Capacity Factor (DER net)	0	0	52.8
23. Unit Forced Outage Rate	0	0	25.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: To be determined			

* Excludes hours under administrative hold
(June 1, 1985 to present)

OPERATING DATA REPORT

DOCKET: 50-260
 UNIT: BROWNS FERRY 2
 PREPARED BY: T. R. SMITH
 TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 2
2. Reporting Period: OCTOBER 1994
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 1098.4
7. Maximum Dependable Capacity (Net MWe): 1065
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reason For Restrictions, If Any: N/A

THIS MONTH YEAR TO DATE CUMULATIVE*

11. Hours in Reporting Period	745	7296	120607
12. Hours Reactor Was Critical	1	6417	81234
13. Reactor Reserve Shutdown Hours	0	0	14200
14. Hours Generator On Line	1	6406	79031
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Generation (MWh)	1898	20325190	228872791
17. Gross Electrical Generation (MWh)	260	6769810	75977728
18. Net Electrical Generation (MWh)	0	6605037	73849699
19. Unit Service Factor	0.1	87.8	65.5
20. Unit Availability Factor	0.1	87.8	65.5
21. Unit Capacity Factor (MDC Net)	0.0	85.0	57.5
22. Unit Capacity Factor (DER net)	0.0	85.0	57.5
23. Unit Forced Outage Rate	0.0	2.2	17.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Currently shutdown for Cycle 7 refueling outage.			
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup: Scheduled for November 16, 1994			

* Excludes hours under administrative hold
 (June 1, 1985 to May 24, 1991)

OPERATING DATA REPORT

DOCKET: 50-296
UNIT: BROWNS FERRY 3
PREPARED BY: T. R. SMITH
TELEPHONE: (205) 729-2955

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT 3
2. Reporting Period: OCTOBER 1994
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 0
7. Maximum Dependable Capacity (Net MWe): 0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): 0
10. Reason For Restrictions, If Any: Administrative Hold

THIS MONTH YEAR TO DATE CUMULATIVE*

11. Hours in Reporting Period	0	0	73055
12. Hours Reactor Was Critical	0	0	45306
13. Reactor Reserve Shutdown Hours	0	0	5150
14. Hours Generator On Line	0	0	44195
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Generation (MWh)	0	0	131868267
17. Gross Electrical Generation (MWh)	0	0	43473760
18. Net Electrical Generation (MWh)	0	0	42114009
19. Unit Service Factor	0	0	60.5
20. Unit Availability Factor	0	0	60.5
21. Unit Capacity Factor (MDC Net)	0	0	54.2
22. Unit Capacity Factor (DER net)	0	0	54.2
23. Unit Forced Outage Rate	0	0	21.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	N/A		
25. If Shut Down At End Of Reporting Period, Estimated Date of Startup:	To be determined		

* Excludes hours under administrative hold
(June 1, 1985 to present)