



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

MAY 13 1993

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 APRIL 1993

In accordance with the requirements of the BFN Technical
Specifications section 6.9.1.3, the Monthly Operating Report
for the month of April 1993 is provided in Enclosure 1.

If you have any questions, please telephone me at
(205) 729-7566.

Sincerely,

Pedro Salas
Manager of Site Licensing

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

MAY 13 1993

Enclosure

cc (Enclosure):

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MONTHLY OPERATING REPORT
BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

APRIL 1993

DOCKET NUMBERS 50-259, 50-260, AND 50-296

LICENSE NUMBERS DPR-33, DPR-52, AND DPR-68

OPERATIONAL SUMMARY
APRIL 1993

UNIT 1

Unit 1 remains on administrative hold to resolve various TVA and NRC concerns. The operating data report reflects the assignment of administrative hold status to unit one effective June 1, 1985. Administrative hold status is considered by TVA to suspend the accrual of reporting period hours, because this unit is considered to have a maximum dependable capacity of 0 Mwe. For this reason, cumulative reporting period hours for the period after June 1, 1985, to present are not considered when calculating operating status variables such as cumulative capacity factor rate. These considerations will affect the other operating status reporting variables accordingly.

UNIT 2

Unit 2 entered a refueling outage on January 29, 1993. The estimated unit restart is May 21, 1993 (Startup Mode). The reporting factors have been revised to reflect the administrative hold status for Unit 2 from June 1, 1985 until restart for cycle 6 (May 24, 1991).

UNIT 3

Unit 3 remains on administrative hold to resolve various TVA and NRC concerns. The operating data report reflects the assignment of administrative hold status to Unit 3 effective June 1, 1985. Administrative hold status is considered by TVA to suspend the accrual of reporting period hours, because this unit is considered to have a maximum dependable capacity of 0 Mwe. For this reason, cumulative reporting period hours for the period after June 1, 1985, to present are not considered when calculating operating status variables such as cumulative capacity factor rate. These considerations will affect the other operating status reporting variables accordingly.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259

UNIT: One

PREPARED BY: S. A. Ratliff

TELEPHONE: (205) 729-2937

MONTH APRIL 1993

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259

UNIT: Two

PREPARED BY: S. A. Ratliff

TELEPHONE: (205) 729-2937

MONTH APRIL 1993

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-259
 UNIT: Three
 PREPARED BY: S. A. Ratliff
 TELEPHONE: (205) 729-2937

MONTH APRIL 1993

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1993
 DOCKET NO: 50-259
 UNIT NAME: One
 PREPARED BY: S. A. Ratliff
 TELEPHONE: (205) 739-2937

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
315	06/01/85	N/A	719	S	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
¹S: Scheduled

²Reason:
 A-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

⁴Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-061)

⁵Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1993

DOCKET NO: 50-259
 UNIT NAME: Two
 PREPARED BY: S. A. Ratliff
 TELEPHONE: (205) 739-2937

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
1	01/29/93	S	719	C	4				Refueling outage.

¹F: Forced
 S: Scheduled

²Reason:
 A-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

⁴Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-061)

⁵Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1993
 DOCKET NO: 50-254
 UNIT NAME: Three
 PREPARED BY: S. A. Ratliff
 TELEPHONE: (205) 739-2937

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
315	06/01/84	N/A	719	S	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
 S: Scheduled

²Reason:
 A-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

⁴Exhibit G-Instructions
 for Preparation of Data
 Entry sheets for Licensee
 Event Report (LER) File
 (NUREG-061)

⁵Exhibit I-Same Source

OPERATING DATA REPORT

DOCKET NO. 50-259
 PREPARED BY S.A.RATLIFF
 TELEPHONE 205-729-2937

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT ONE
2. Reporting period: APRIL, 1993
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electric 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: NA
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	719.0	2879	95743
12. Hours Reactor Was Critical	0.0	0	59521
13. Reactor Reserve Shutdown Hours	0.0	0	6997
14. Hours Generator On Line	0.0	0	58267
15. Unit Reserve ShutDown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	0.0	0	168066787
17. Gross Electric Generation (MWh)	0.0	0	55398130
18. Net Electric Generation (MWh)	-2220.0	-9386	53499286
19. Unit Service Factor	0.0	0.0	60.9
20. Unit Availability Factor	0.0	0.0	60.9
21. Unit Capacity Factor (MDC Net)	0.0	0.0	52.8
22. Unit Capacity Factor (DER Net)	0.0	0.0	52.8
23. Unit Forced Outage Rate	0.0	0.0	25.6
24. Shutdowns Scheduled Over Next 6 Month (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Reporting Period,
 Estimated Date Of Startup: To be determined

* Excludes hours under administrative hold

OPERATING DATA REPORT

DOCKET NO. 50-260
 PREPARED BY S.A.RATLIFF
 TELEPHONE 205-729-2937

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT TWO
2. Reporting period: APRIL, 1993
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electric 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: NA
9. Power Level To which Restricted, If Any (Net MWe): NA
10. Reason For Restrictions, If Any: NA

	THIS MONTH	YEAR-TO DATE	CUMULATIVE *
11. Hours In Reporting Period	719.0	2879	107430
12. Hours Reactor Was Critical	0.0	681	69644
13. Reactor Reserve Shutdown Hours	0.0	0	14200
14. Hours Generator On Line	0.0	680	67552
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	0.0	1526669	192255321
17. Gross Electric Generation (MWh)	0.0	501730	63779378
18. Net Electric Generation (MWh)	-3979.0	471802	61679553
19. Unit Service Factor	0.0	23.6	62.9
20. Unit Availability Factor	0.0	23.6	62.9
21. Unit Capacity Factor (MDC Net)	0.0	15.4	53.9
22. Unit Capacity Factor (DER Net)	0.0	15.4	53.9
23. Unit Forced Outage Rate	0.0	0.0	19.6
24. Shutdowns Scheduled Over Next 6 Month (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Reporting Period,
 Estimated Date Of Startup: May 21, 1993

* Excludes hours under administrative hold

OPERATING DATA REPORT

DOCKET NO. 50-296
 PREPARED BY S.A.RATLIFF
 TELEPHONE 205-729-2937

OPERATING STATUS

1. Unit Name: BROWNS FERRY UNIT THREE
2. Reporting period: APRIL, 1993
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electric 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: NA
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	719.0	2879	73055
12. Hours Reactor Was Critical	0.0	0	45306
13. Reactor Reserve Shutdown Hours	0.0	0	5150
14. Hours Generator On Line	0.0	0	44195
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	0.0	0	131868267
17. Gross Electric Generation (MWh)	0.0	0	43473760
18. Net Electric Generation (MWh)	-1651.0	-8409	41922847
19. Unit Service Factor	0.0	0.0	60.5
20. Unit Availability Factor	0.0	0.0	60.5
21. Unit Capacity Factor (MDC Net)	0.0	0.0	54.2
22. Unit Capacity Factor (DER Net)	0.0	0.0	54.2
23. Unit Forced Outage Rate	0.0	0.0	21.6
24. Shutdowns Scheduled Over Next 6 Month (Type, Date, and Duration of Each):			
25. If Shut Down At End Of Reporting Period, Estimated Date Of Startup: To be determined			

* Excludes hours under administrative hold