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August 16, 1993

O. J. "Ike" Zeringue
Vice President, Browns Ferry Nuclear Plant

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 JULY 1993

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

If you have any questions, please telephone Pedro Salas
(205) 729-2636.

Sincerely,

for O. J. Zeringue

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

MONTHLY OPERATING REPORT
BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

JULY 1993

DOCKET NUMBERS 50-259, 50-260, AND 50-296
LICENSE NUMBERS DPR-33, DPR-52, AND DPR-68

OPERATIONAL SUMMARY
JULY 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 operated continuously during the month of July at a capacity factor of 98.8 percent and generated 803,840 megawatt hours gross electrical power.

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 JULY 1993

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>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

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: Two
 PREPARED BY: S. A. Ratliff
 TELEPHONE: (205) 729-2937

MONTH JULY 1993

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

1	<u>1056</u>
2	<u>1050</u>
3	<u>1060</u>
4	<u>1059</u>
5	<u>1058</u>
6	<u>1061</u>
7	<u>1061</u>
8	<u>1055</u>
9	<u>1058</u>
10	<u>1054</u>
11	<u>1051</u>
12	<u>1055</u>
13	<u>1060</u>
14	<u>1058</u>
15	<u>1060</u>
16	<u>1057</u>

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	<u>1054</u>
18	<u>1072</u>
19	<u>1032</u>
20	<u>1058</u>
21	<u>1058</u>
22	<u>1048</u>
23	<u>1051</u>
24	<u>1048</u>
25	<u>1050</u>
26	<u>104</u>
27	<u>1017</u>
28	<u>1048</u>
29	<u>1048</u>
30	<u>1056</u>
31	<u>1035</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-296

UNIT: Three

PREPARED BY: S. A. Ratliff

TELEPHONE: (205) 729-2937

MONTH JULY 1993

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JULY 1993
 DCKET 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	744	F	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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JULY 1993
 DOCKET NO: 50-260
 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
N/A									

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

 DOCKET NO: 50-296
 UNIT NAME: Three

REPORT MONTH: JULY 1993

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	744	F	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: JULY 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: 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	0	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)	0.0	0	53796427
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 Months (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: JULY 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: 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	744.0	5087	109638
12. Hours Reactor Was Critical	744.0	2181	71144
13. Reactor Reserve Shutdown Hours	0.0	0	14200
14. Hours Generator On Line	744.0	2081	68952
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Generation (MWh)	2442100.5	5805442	196534093
17. Gross Electric Generation (MWh)	803480.0	1889420	65167068
18. Net Electric Generation (MWh)	783134.0	1834660	63302480
19. Unit Service Factor	100.0	40.9	62.9
20. Unit Availability Factor	100.0	40.9	62.9
21. Unit Capacity Factor (MDC Net)	98.8	33.9	54.2
22. Unit Capacity Factor (DER Net)	98.8	33.9	54.2
23. Unit Forced Outage Rate	0.0	0.0	19.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			
25. If Shut Down At End Of Reporting Period, Estimated Date Of Startup: N/A			

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

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: JULY 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: 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	0	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)	0.0	0	42114009
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 Months (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