

NLRA

L44 900814 801

5N 157B Lookout Place

MAR 14 1990

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

Gentlemen:

In the Matter of)
 Tennessee Valley Authority)

Docket Nos. 50-259
 50-260
 50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - MONTHLY OPERATING REPORT FOR THE MONTH OF
 FEBRUARY 1990

In accordance with the requirements of the BFN Technical Specifications
 section 6.9.1.3, the Monthly Operating Report for the month of February 1990
 is enclosed.

If you have any questions, please telephone Patrick P. Carler, BFN,
 (205) 729-3570.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Original Signed By
E. G. Wallace

E. G. Wallace, Manager
 Nuclear Licensing and
 Regulatory Affairs

Enclosure

cc (Enclosure):

INPO Records Center
 Institute of Nuclear Power Operations
 1100 Circle 75 Parkway, Suite 1500
 Atlanta, Georgia 30389

Regional Administration
 U.S. Nuclear Regulatory Commission
 Office of Inspection and Enforcement
 Region II
 101 Marietta Street, NW, Suite 2900
 Atlanta, Georgia 30323

Mr. B. D. Liaw, Director
 TVA Projects Division
 One White Flint, North
 11555 Rockville Pike
 Rockville, Maryland 20852

Mr. Ted Marston, Director
 Electric Power Research Institute
 P.O. Box 10412
 Palo Alto, California 94304

Mr. B. A. Wilson, Assistant Director
 for Inspection Programs
 TVA Projects Division
 U.S. Nuclear Regulatory Commission
 Region II
 101 Marietta Street, NW, Suite 2900
 Atlanta, Georgia 30323

NRC Resident Inspector
 Browns Ferry Nuclear Plant
 Route 12, Box 637
 Athens, Alabama 35609-2000

9004230557 900228
 PDR ADOCK 05000259
 R FDC

TLRA
 11

U.S. Nuclear Regulatory Commission

MAR 14 1990

PPC:JEM:MAL:BAB

cc: RIMS, MR 4N 35A-C (Enclosure)
C. E. Ayers, MR 2S 66C-C
Guy G. Campbell, POB C, Browns Ferry
Patrick P. Carier, PAB C, Browns Ferry (Enclosure)
E. S. Christenbury, ET 11B 33H-K
L. M. Cuoco, LP 5N 156B-C
T. J. McGrath, LP 6N 38A-C (Enclosure)
T. Ippolito, Rockville Licensing Office (Enclosure)
N. C. Kazanas, LP 5S 83E-C (2)
F. L. Moreadith, WT 12A 12A-K (Enclosure)
G. R. Mullee, BR 5S 168A-C (Enclosure)
R. J. Smith, EDB A10, Browns Ferry
G. G. Turner, PSB K, Browns Ferry
H. H. Weber, PAB E, Browns Ferry
O. J. Zeringue, PAB E, Browns Ferry

OPERATIONAL SUMMARY
FEBRUARY 1990

UNIT 1

Unit remains on administrative hold to resolve various TVA and NRC concerns.

UNIT 2

Unit remains on administrative hold to resolve various TVA and NRC concerns. Modification, operation, and maintenance work continues to support restart.

UNIT 3

Unit remains on administrative hold to resolve various TVA and NRC concerns.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-259

Unit One

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH FEBRUARY 1990

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

0277k/7

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-260

Unit Two

PREPARED BY S. A. Ratliff

TELEPHONE (205) 729-2937

MONTH FEBRUARY 1990

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

0277k/8

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-296UNIT ThreePREPARED BY S. A. RatliffTELEPHONE (205) 729-2937MONTH FEBRUARY 1990

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

0277k/9

-2-

U.S. Nuclear Regulatory Commission

MAR 14 1990

PPC:JEM:MAL:BAB

cc: RIMS, MR 4N 35A-C (Enclosure)
C. E. Ayers, MR 2S 66C-C
Guy G. Campbell, POB C, Browns Ferry
Patrick P. Carter, PAB C, Browns Ferry (Enclosure)
E. S. Christenbury, ET 11B 33H-K
L. M. Cuoco, LP 5N 156B-C
T. J. McGrath, LP 6N 38A-C (Enclosure)
T. Ippolito, Rockville Licensing Office (Enclosure)
M. C. Kazanas, LP 5S 83E-C (2)
F. L. Moreadith, WT 12A 12A-K (Enclosure)
G. R. Mullee, BR 5S 168A-C (Enclosure)
R. J. Smith, EDB A10, Browns Ferry
G. G. Turner, PSB K, Browns Ferry
M. H. Weber, PAB E, Browns Ferry
O. J. Zeringue, PAB E, Browns Ferry

OPERATING DATA REPORT

DOCKET NO. 50-296
 DATE February 1990
 PREPARED BY S. A. Ratliff
 TELEPHONE (205) 729-2937

OPERATING STATUS

- | | | |
|---|-------|---|
| | Notes | |
| 1. Unit Name: <u>Browns Ferry Unit Three</u> | | ! |
| 2. Reporting Period: <u>February 1990</u> | | ! |
| 3. Licensed Thermal Power (Mw): <u>3293</u> | | ! |
| 4. Nameplate Rating (Gross Mw): <u>1152</u> | | ! |
| 5. Design Electrical Rating (Net Mw): <u>1065</u> | | ! |
| 6. Maximum Dependable Capacity (Gross Mw): <u>1098.4</u> | | ! |
| 7. Maximum Dependable Capacity (Net Mw): <u>1065</u> | | ! |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
<u>N/A</u> | | ! |

9. Power Level To Which Restricted, If Any (Net Mw): N/A
 10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	672	1416	112952
12. Number of Hours Reactor Was Critical	0	0	45206
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 Energy Generated (MWh)	0	0	131868267
17. Gross Electrical Energy Generated (MWh)	0	0	43473760
18. Net Electrical Energy Generated (MWh)	-1736	-4103	41990930
19. Unit Service Factor	0	0	38.8
20. Unit Availability Factor	0	0	38.8
21. Unit Capacity Factor (Using MDC Net)	0	0	34.6
22. Unit Capacity Factor (Using DER Net)	0	0	34.6
23. Unit Forced Outage Rate	100	100	54.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: February 1980

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
315	06/01/85	F	672	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
 S: Scheduled

² Reason:
 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-Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: February 1990

DOCKET NO: 50-260
 UNIT NAME: Tva
 COMPLETED BY: S. A. Ratliff
 TELEPHONE: (205) 702-2937

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
305	09/15/84	F	672	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
¹S: Scheduled

² Reason:
 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

0277k/14

FROM

04/20/90 15:04

P. 12

FROM

04/20/80 15:05

P.13

TOTAL P.13

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: February 1990DOCKET NO: 50-296
UNIT NAME: Three
COMPLETED BY: S. A. Ratliff
TELEPHONE: (205) 729-2937

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
157	03/03/85	F	672	F	4				Administrative hold to resolve various TVA and NRC concerns.

¹F: Forced
S: Scheduled²Reason:
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-Other⁴Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (BUREG-061)⁵Exhibit I-Same Source

0277k/15