JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
November, 1987

The Cycle 5 - 6 refueling outage continued into the month of November.

The following major safety-related maintenance was performed in the month of November:

1. Eddy current examinations were completed on all non-plugged tubes in all three steam generators. The inspection covered the full length of tubes above row 2 and from the hot leg tube end to the cold leg of row 2 tubes. (All row 1 tubes are plugged.) No tubes were repaired, 109 tubes were plugged (2A - 13, 2B - 35, 2C - 61), and 91 tubes were designated F*.

2. Shotpeening on the hot leg tube sheet of the steam generators was completed.

3. The containment integrated leak rate test was performed successfully.

4. Environmental qualification work was performed on the reactor head vents.

5. The program of inspecting electrical splices that were installed utilizing methods not evaluated by design for environmental qualification continued. These splices were re-terminated in accordance with approved design on a priority basis.

6. Testing of motor-operated valves in response to Inspection and Enforcement Bulletin 85-03 is in progress.

7. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 12/3/87
COMPLETED BY J. D. Woodard
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: November, 1987
3. Licensed Thermal Power (MWt): 2,652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 864.9
7. Maximum Dependable Capacity (Net MWe): 824.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

1) Cumulative data since 7-30-81, date of commercial operation

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720	8,016	55,561
12. Number Of Hours Reactor Was Critical	0.0	6,241.9	52,598.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	0.0	6,224.8	47,075.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	15,784,698	119,102,688
17. Gross Electrical Energy Generated (MWH)	44	5,127,114	39,136,384
18. Net Electrical Energy Generated (MWH)	-7770	4,853,584	37,102,696
19. Unit Service Factor	0.0	77.7	84.7
20. Unit Availability Factor	0.0	77.7	84.7
21. Unit Capacity Factor (Using MDC Net)	-1.3	73.5	81.9
22. Unit Capacity Factor (Using DER Net)	-1.3	73.0	80.6
23. Unit Forced Outage Rate	0.0	5.7	4.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 4, 1987
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	05/06/81	05/08/81
INITIAL ELECTRICITY	05/24/81	05/25/81
COMMERCIAL OPERATION	08/01/81	07/30/81

DOCKET NO. 50-364

UNIT 2

DATE December 3, 1987

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	
16	0		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

Form 13/21

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J. M. FARLEY - UNIT 2
DATE DECEMBER 3, 1987
COMPLETED BY J. D. WOODARD
TELEPHONE (205)899-5156

REPORT MONTH NOVEMBER

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTTING DOWN REACTOR[3]	LICENSEE EVENT REPORT #	SYSTEM CODE[4]	COMPONENT CODE[5]	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
007	871101	S	720.0	C	1	N/A	N/A	N/A	The Cycle 5-6 refueling outage continued from 10-3-87.

[1] F: Forced
S: Scheduled

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

[3] Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

[4] Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report(LER) File (NUREG-0161)

[5] Exhibit I -Same Source

(9/77)

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
November, 1987

The Cycle 5 - 6 refueling outage continued into the month of November.

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OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 12/3/87
COMPLETED BY J. D. Woodard
TELEPHONE (205)899-5156

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8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

1) Cumulative data since 7-30-81, date of commercial operation

	This Month	Yr-to-Date	Cumulative
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26. Units In Test Status (Prior to Commercial Operation):

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INITIAL ELECTRICITY	05/24/81	05/25/81
COMMERCIAL OPERATION	08/01/81	07/30/81

DOCKET NO. 50-364

UNIT 2

DATE December 3, 1987

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	
16	0		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

Form 13/21

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J. M. FARLEY - UNIT 2
DATE DECEMBER 3, 1987
COMPLETED BY J. D. WOODARD
TELEPHONE (205)899-5156

REPORT MONTH NOVEMBER

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTTING DOWN REACTOR[3]	LICENSEE EVENT REPORT #	SYSTEM CODE[4]	COMPONENT CODE[5]	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
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[1] F: Forced
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C-Refueling
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E-Operator Training & License Examination
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4-Other (Explain)

[4] Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report(LER) File (NUREG-0161)

[5] Exhibit I -Same Source

(9/77)

TECH Form 1/2

Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291-0400
Telephone 205 250-1835

R. P. McDonald
Senior Vice President

Alabama Power
the southern electric system

December 9, 1987

Docket No. 50-364

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

Joseph M. Farley Nuclear Plant
Unit 2
Monthly Operating Data Report

Attached are two (2) copies of the November 1987 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 2, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Yours very truly,

R. P. McDonald

RPM/JGS:mab

Attachments

xc: Director, OE (10 copies)
Director, RII (1 copy)

IE24
1/1