

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
March, 1988

During the month of March, there was one unit shutdown which occurred on March 26, 1988, and initiated the Cycle 8 - 9 refueling outage.

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

1. Inspected and repaired the reactor trip breakers and by-pass breakers per NRC Bulletin 88-01.
2. Replaced the bolts in the coupling of the IC charging pump.
3. Completed the overhaul of the IC service water pump.
4. Performed miscellaneous corrective and preventive maintenance on the diesel generators.

**OPERATING DATA REPORT**

DOCKET NO. 50-348  
 DATE 4/4/88  
 COMPLETED BY J. D. Woodard  
 TELEPHONE (205)899-5156

**OPERATING STATUS**

- |  |   |
|--|---|
| 1. Unit Name: <u>Joseph M. Farley - Unit 1</u><br>2. Reporting Period: <u>March, 1988</u><br>3. Licensed Thermal Power (MWT): <u>2,652</u><br>4. Nameplate Rating (Gross MWe): <u>860</u><br>5. Design Electrical Rating (Net MWe): <u>829</u><br>6. Maximum Dependable Capacity (Gross MWe): <u>852.6</u><br>7. Maximum Dependable Capacity (Net MWe): <u>812.6</u><br>8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: <u>N/A</u><br>9. Power Level To Which Restricted, If Any (Net MWe): <u>N/A</u><br>10. Reasons For Restrictions, If Any: <u>N/A</u> | Notes<br>1) Cumulative data since 12-1-77, date of commercial operation |
|--|---|

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	2,184	90,576
12. Number Of Hours Reactor Was Critical	600.8	2,040.8	67,257.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	600.1	2,040.1	65,865.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,581,648	5,400,491	167,823,810
17. Gross Electrical Energy Generated (MWH)	514,706	1,763,232	53,930,770
18. Net Electrical Energy Generated (MWH)	486,388	1,673,430	50,842,626
19. Unit Service Factor	80.7	93.4	72.7
20. Unit Availability Factor	80.7	93.4	72.7
21. Unit Capacity Factor (Using MDC Net)	80.5	94.3	69.7
22. Unit Capacity Factor (Using DER Net)	78.9	92.4	67.7
23. Unit Forced Outage Rate	0.0	0.0	9.4
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:	<u>5/9/88</u>	
26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>08/06/77</u>	<u>08/09/77</u>
INITIAL ELECTRICITY	<u>08/20/77</u>	<u>08/18/77</u>
COMMERCIAL OPERATION	<u>12/01/77</u>	<u>12/01/77</u>

DOCKET NO. 50-348

UNIT 1

DATE April 5, 1988

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>823</u>	17	<u>826</u>
2	<u>821</u>	18	<u>823</u>
3	<u>819</u>	19	<u>822</u>
4	<u>819</u>	20	<u>822</u>
5	<u>823</u>	21	<u>821</u>
6	<u>822</u>	22	<u>818</u>
7	<u>822</u>	23	<u>817</u>
8	<u>819</u>	24	<u>815</u>
9	<u>819</u>	25	<u>656</u>
10	<u>823</u>	26	<u>0</u>
11	<u>823</u>	27	<u>0</u>
12	<u>819</u>	28	<u>0</u>
13	<u>818</u>	29	<u>0</u>
14	<u>822</u>	30	<u>0</u>
15	<u>826</u>	31	<u>0</u>
16	<u>827</u>		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348  
 UNIT NAME J. M. FARLEY - UNIT 1  
 DATE APRIL 4, 1988  
 COMPLETED BY J. D. WOODARD  
 TELEPHONE (205)899-5156

REPORT MONTH MARCH

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
001	880326	S	143.9	C	1	N/A	N/A	N/A	Unit was taken off line for the Cycle 8-9 refueling outage.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup>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)

<sup>3</sup>Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>Exhibit G-Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report(LER) File (NUREG-  
 0161)

<sup>5</sup>Exhibit I -Same Source

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
March, 1988

During the month of March, there was one unit shutdown which occurred on March 26, 1988, and initiated the Cycle 8 - 9 refueling outage.

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

1. Inspected and repaired the reactor trip breakers and by-pass breakers per NRC Bulletin 88-01.
2. Replaced the bolts in the coupling of the 1C charging pump.
3. Completed the overhaul of the 1C service water pump.
4. Performed miscellaneous corrective and preventive maintenance on the diesel generators.

OPERATING DATA REPORT

DOCKET NO. 50-348  
 DATE 4/4/88  
 COMPLETED BY J. D. Woodard  
 TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: March, 1988
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): 852.6
7. Maximum Dependable Capacity (Net MWe): 812.6
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 12-1-77, date of commercial operation

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	2,284	90,576
12. Number Of Hours Reactor Was Critical	600.8	2,040.8	67,257.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
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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: 5/9/88
26. Units In Test Status (Prior to Commercial Operation):
 

	Forecast	Achieved
INITIAL CRITICALITY	<u>08/06/77</u>	<u>08/09/77</u>
INITIAL ELECTRICITY	<u>08/20/77</u>	<u>08/18/77</u>
COMMERCIAL OPERATION	<u>12/01/77</u>	<u>12/01/77</u>

DOCKET NO. 50-348

UNIT 1

DATE April 5, 1988

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

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10	<u>823</u>	26	<u>0</u>
11	<u>823</u>	27	<u>0</u>
12	<u>819</u>	28	<u>0</u>
13	<u>818</u>	29	<u>0</u>
14	<u>822</u>	30	<u>0</u>
15	<u>826</u>	31	<u>0</u>
16	<u>827</u>		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348  
 UNIT NAME J. M. FARLEY - UNIT 1  
 DATE APRIL 4, 1988  
 COMPLETED BY J. D. WOODARD  
 TELEPHONE (205)899-5156

REPORT MONTH MARCH

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
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 Event Report(LEB) File (NUREG-  
 0161)

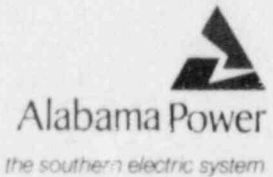
<sup>5</sup> Exhibit I -Same Source

(9/77)



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



April 11, 1988

Docket No. 50-348

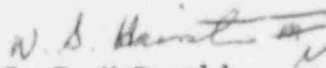
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Joseph M. Farley Nuclear Plant  
Unit 1  
Monthly Operating Data Report

Attached are two (2) copies of the March 1988 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 1, 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/1.6

Attachments

xc: Dr. J. N. Grace

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