

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
May, 1984

During the period May 1 - May 8, the unit was in the process of escalating to 100% power after the Cycle V-VI refueling outage. Otherwise, there were no unit shutdowns or significant power reductions during the month of May.

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

1. Performed miscellaneous maintenance on diesel generators.

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OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE June 6, 1984
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: May, 1984
3. Licensed Thermal Power (MWt): 2652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 841.8
7. Maximum Dependable Capacity (Net MWe): 797.1

Notes

- 1) Cumulative data since 12-1-77, date of commercial operation.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3,647</u>	<u>56,975</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>1,868.8</u>	<u>36,992.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>3,650.7</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>1,784.0</u>	<u>35,887.4</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWt)	<u>1,807,741</u>	<u>4,292,583</u>	<u>90,394,109</u>
17. Gross Electrical Energy Generated (MWH)	<u>587,158</u>	<u>1,373,972</u>	<u>28,716,982</u>
18. Net Electrical Energy Generated (MWH)	<u>556,294</u>	<u>1,277,692</u>	<u>26,978,754</u>
19. Unit Service Factor	<u>100.0</u>	<u>48.9</u>	<u>63.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>48.9</u>	<u>63.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.8</u>	<u>44.0</u>	<u>59.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.2</u>	<u>42.3</u>	<u>57.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.3</u>	<u>14.8</u>

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: N/A

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	<u>8-6-77</u>	<u>8-9-77</u>
INITIAL ELECTRICITY	<u>8-20-77</u>	<u>8-18-77</u>
COMMERCIAL OPERATION	<u>12-1-77</u>	<u>12-1-77</u>

DOCKET NO. 50-348UNIT 1DATE June 6, 1984COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH May, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>344</u>	17	<u>828</u>
2	<u>343</u>	18	<u>828</u>
3	<u>334</u>	19	<u>827</u>
4	<u>463</u>	20	<u>822</u>
5	<u>619</u>	21	<u>818</u>
6	<u>623</u>	22	<u>818</u>
7	<u>725</u>	23	<u>817</u>
8	<u>814</u>	24	<u>815</u>
9	<u>829</u>	25	<u>814</u>
10	<u>829</u>	26	<u>815</u>
11	<u>826</u>	27	<u>814</u>
12	<u>827</u>	28	<u>816</u>
13	<u>823</u>	29	<u>817</u>
14	<u>821</u>	30	<u>826</u>
15	<u>826</u>	31	<u>826</u>
16	<u>829</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1984

DOCKET NO. 50-348
 UNIT NAME J.M.Farley - Unit 1
 DATE June 6, 1984
 COMPLETED BY W.G.Hairston, III
 TELEPHONE (205) 899-5156

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
There Were No Unit Shutdowns Or Significant Power Reductions In The Month of May.									

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