

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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PDR ADOCK 05000348  
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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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

**Notes**

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

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	744	3,647	56,975
12. Number Of Hours Reactor Was Critical	744.0	1,868.8	36,992.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.7
14. Hours Generator On-Line	744.0	1,784.0	35,887.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWt)	1,807,741	4,292,583	90,394,109
17. Gross Electrical Energy Generated (MWH)	587,158	1,373,972	28,716,982
18. Net Electrical Energy Generated (MWH)	556,294	1,277,692	26,978,754
19. Unit Service Factor	100.0	48.5	63.0
20. Unit Availability Factor	100.0	48.9	63.0
21. Unit Capacity Factor (Using MDC Net)	93.8	44.0	59.4
22. Unit Capacity Factor (Using DER Net)	90.2	42.3	57.1
23. Unit Forced Outage Rate	0.0	4.3	14.8

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

	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>

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UNIT 1

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MONTH 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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348  
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REPORT MONTH May, 1984

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

<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 F - Same Source