

OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 8/1/81
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: July, 1981
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): 844.6
7. Maximum Dependable Capacity (Net MWe): 803.6

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	744	5,087	32,135
12. Number Of Hours Reactor Was Critical	744	2,840.8	20,023.1
13. Reactor Reserve Shutdown Hours	0	374.1	2,820.9
14. Hours Generator On-Line	744	2,670.6	19,374.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,889,655.9	6,500,017.8	48,489,909.6
17. Gross Electrical Energy Generated (MWH)	590,366	2,052,874	15,472,282
18. Net Electrical Energy Generated (MWH)	558,978	1,911,386	14,519,136
19. Unit Service Factor	100.0	52.5	60.3
20. Unit Availability Factor	100.0	52.5	60.3
21. Unit Capacity Factor (Using MDC Net)	93.5	46.8	56.2
22. Unit Capacity Factor (Using DER Net)	90.6	45.3	54.5
23. Unit Forced Outage Rate	00.0	10.8	07.5

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

Maintenance/Design Change Modifications associated with TMI-2; Mid-September, 1981;
Approximately 2-3 weeks.

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	8/6/77	8/9/77
INITIAL ELECTRICITY	8/20/77	8/18/77
COMMERCIAL OPERATION	12/1/77	12/1/77

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-348UNIT 1DATE 8/1/81COMPLETED BY W. G. Hai ton, IIITELEPHONE (205) 899-5156MONTH July, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>411</u>
2	<u>775</u>
3	<u>789</u>
4	<u>722</u>
5	<u>593</u>
6	<u>654</u>
7	<u>777</u>
8	<u>783</u>
9	<u>784</u>
10	<u>780</u>
11	<u>774</u>
12	<u>769</u>
13	<u>773</u>
14	<u>755</u>
15	<u>767</u>
16	<u>775</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>778</u>
18	<u>781</u>
19	<u>786</u>
20	<u>785</u>
21	<u>786</u>
22	<u>785</u>
23	<u>786</u>
24	<u>782</u>
25	<u>731</u>
26	<u>704</u>
27	<u>780</u>
28	<u>779</u>
29	<u>780</u>
30	<u>783</u>
31	<u>784</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

REPORT MONTH July, 1981DOCKET NO. 5C-348UNIT NAME J.M. Farley-Unit 1DATE 8/1/81COMPLETED BY W.G. Hairston, IIITELEPHONE (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
018	810701	F	0	G	4	N/A	RB	ZZZZZZ	Continuation of Power reduction from 6/30/81 due to accumulation of 72 penalty points for axial flux difference (ΔI) being out of target band during power ascension.
019	810704	F	0	A	4	N/A	RB	INSTRU	Unit power reduced to and held at less than 75% (639 Mwe) due to indicated Quadrant Power Tilt Ratio exceeding Tech. Spec. limit (QPTR-1.07). Recalibrated NIS following verification that QPTR had not exceeded Tech. Spec. limit.
020	810725	S	0	B	4	N/A	HB	INSTRU	Unit power reduced to and held at 33% (205 MWe) to place flow transmitter FT-426 back in service.

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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