

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
JUNE, 1981

In the month of June, 1981, there were two (2) automatic unit shutdowns and one (1) power reduction.

The following safety-related maintenance was performed in June:

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced fiber optics lamp in the 'A' Train control room chlorine detector.

OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 7/1/81
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: June, 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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
NA

Notes: (1) Cumulative data since 12/1/77, date of commercial operation.

9. Power Level To Which Restricted, If Any (Net MWe): NA
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4,343</u>	<u>31,391</u>
12. Number Of Hours Reactor Was Critical	<u>710.8</u>	<u>2,096.8</u>	<u>19,279.1</u>
13. Reactor Reserve Shutdown Hours	<u>9.2</u>	<u>374.1</u>	<u>2,820.9</u>
14. Hours Generator On-Line	<u>706.5</u>	<u>1,926.6</u>	<u>18,630.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,836,578.8</u>	<u>4,610,361.9</u>	<u>46,600,253.7</u>
17. Gross Electrical Energy Generated (MWH)	<u>579,238</u>	<u>1,462,508</u>	<u>14,881,916</u>
18. Net Electrical Energy Generated (MWH)	<u>546,636</u>	<u>1,352,408</u>	<u>13,960,158</u>
19. Unit Service Factor	<u>98.1</u>	<u>44.4</u>	<u>59.3</u>
20. Unit Availability Factor	<u>98.1</u>	<u>44.4</u>	<u>59.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.5</u>	<u>38.8</u>	<u>55.3</u>
22. Unit Capacity Factor (Using DFR Net)	<u>91.6</u>	<u>37.6</u>	<u>53.6</u>
23. Unit Forced Outage Rate	<u>01.9</u>	<u>14.3</u>	<u>07.8</u>

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: NA
 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 7/1/81COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH June, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>782</u>	17	<u>783</u>
2	<u>781</u>	18	<u>782</u>
3	<u>782</u>	19	<u>782</u>
4	<u>779</u>	20	<u>778</u>
5	<u>779</u>	21	<u>786</u>
6	<u>773</u>	22	<u>789</u>
7	<u>755</u>	23	<u>792</u>
8	<u>777</u>	24	<u>795</u>
9	<u>779</u>	25	<u>792</u>
10	<u>777</u>	26	<u>792</u>
11	<u>782</u>	27	<u>790</u>
12	<u>782</u>	28	<u>775</u>
13	<u>785</u>	29	<u>744</u>
14	<u>783</u>	30	<u>125</u>
15	<u>789</u>	31	<u> </u>
16	<u>788</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 7/1/81

COMPLETED BY W.G. Hairston, III

TELEPHONE (205)899-5156

REPORT MONTH June, 1981

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
016	810629	F	9.8	H	3	N/A	EB	CKTBKR	Unit tripped when main generator output breakers opened due to possible high main generator hydrogen temperature.
017	810630	F	3.7	A	3	N/A	HH	VALVEX	Unit tripped on S/G 1B low-low level when S/G 1B feed regulating bypass valve failed to stroke due to a stuck pilot valve.
018	810630	F	0	G	4	N/A	RB	ZZZZZZ	Unit held at less than 50% power due to accumulation of 72 penalty points for axial flux difference (ΔI) -being out of target band during power ascension.

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

(9/77)