

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

NARRATIVE SUMMARY OF OPERATIONS
August, 1979

In August, 1979, the Unit Cycle I-II refueling outage continued to perform inspection and repair of anchor bolts.

The following significant safety related maintenance was performed in August:

1. Completed diesel generator air dryer modifications.
2. Replaced recycle evaporator feed pump seals.
3. Adjusted lift settings on service water and river water pumps.
4. Rebuilt 1B charging pump.
5. Replaced seals on the waste evaporator distillate pump.
6. Replaced seals on the spent fuel pit pump.
7. Replaced the motor on "A" air compressor for diesel generator 2C.
8. Replaced line shaft bearings on #5 river water pump.
9. Aligned one containment spray pump.
10. Replaced containment sump pump alternator.

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OPERATING DATA REPORT

POOR
ORIGINAL

DOCKET NO. 50-348
DATE 9/1/79
COMPLETED BY W. G. Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: August, 1979
3. Licensed Thermal Power (MWt): 2632
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 860*
7. Maximum Dependable Capacity (Net MWe): 829*

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>5831</u>	<u>15,335</u>
12. Number Of Hours Reactor Was Critical	<u>-0-</u>	<u>1533.7</u>	<u>9,777.5</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>72.4</u>	<u>1,097.9</u>
14. Hours Generator On-Line	<u>-0-</u>	<u>1510.8</u>	<u>9,596.5</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>-0-</u>	<u>3,556,347.8</u>	<u>24,379,595.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1,137,794</u>	<u>7,811,992</u>
18. Net Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1,074,286</u>	<u>7,390,112</u>
19. Unit Service Factor	<u>-0-</u>	<u>25.9</u>	<u>62.6</u>
20. Unit Availability Factor	<u>-0-</u>	<u>25.9</u>	<u>62.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0-</u>	<u>22.2</u>	<u>58.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0-</u>	<u>22.2</u>	<u>58.1</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>5.9</u>	<u>7.6</u>

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

Refueling outage and anchor bolt testing in progress.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 9/30/79

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

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast

Achieved

8/6/77
8/20/77
12/1/77

8/9/77
8/18/77
12/1/77

943319

*The Nameplate Rating/Design Electrical Rating will be used for the Maximum Dependable capacity until an accurate value can be determined from operating experience.
(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-348

UNIT 1

DATE 9/1/79

COMPLETED BY W. G. Hairston, III

TELEPHONE (205) 899-5156

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-0-</u>
2	<u>-0-</u>
3	<u>-0-</u>
4	<u>-0-</u>
5	<u>-0-</u>
6	<u>-0-</u>
7	<u>-0-</u>
8	<u>-0-</u>
9	<u>-0-</u>
10	<u>-0-</u>
11	<u>-0-</u>
12	<u>-0-</u>
13	<u>-0-</u>
14	<u>-0-</u>
15	<u>-0-</u>
16	<u>-0-</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>-0-</u>
18	<u>-0-</u>
19	<u>-0-</u>
20	<u>-0-</u>
21	<u>-0-</u>
22	<u>-0-</u>
23	<u>-0-</u>
24	<u>-0-</u>
25	<u>-0-</u>
26	<u>-0-</u>
27	<u>-0-</u>
28	<u>-0-</u>
29	<u>-0-</u>
30	<u>-0-</u>
31	<u>-0-</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.

POOR
ORIGINAL

(9/77)

948320

ORIGINAL
POOR

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-348
UNIT NAME J. M. Farley-Unit 1
DATE 9/1/79
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
020	790801	S	744	C	1	N/A	RC	ZZZZZZ	Continuation from July 31, 1979. Refueling Outage in progress. Testing anchor bolts is delaying unit startup.

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

040324

(77)