

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
JANUARY, 1983

On January 14, 1983, Unit 1 was shut down for the Cycle 4 - Cycle 5 refueling outage.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced Containment personnel hatch cam bearing.
3. Performed monthly preventive maintenance on spent fuel cask crane.

OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 2/02/83
 COMPLETED BY W. G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: January, 1983
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:
N/A

Notes
 1) Cumulative data since 12/01/77, 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	744	45,312
12. Number Of Hours Reactor Was Critical	332.5	332.5	28,480
13. Reactor Reserve Shutdown Hours	0	0	3,614.5
14. Hours Generator On-Line	332.5	332.5	27,600.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	794,698	794,698	69,284,747
17. Gross Electrical Energy Generated (MWH)	252,948	252,948	22,026,496
18. Net Electrical Energy Generated (MWH)	234,064	234,064	20,674,284
19. Unit Service Factor	44.7	44.7	60.9
20. Unit Availability Factor	44.7	44.7	60.9
21. Unit Capacity Factor (Using MDC Net)	39.1	39.1	56.8
22. Unit Capacity Factor (Using DER Net)	37.9	37.9	55.0
23. Unit Forced Outage Rate	0.0	0.0	18.0

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: March 29, 1983
 26. Units In Test Status (Prior to Commercial Operation):
- | | | |
|----------------------|-----------------|-----------------|
| | Forecast | Achieved |
| INITIAL CRITICALITY | <u>8/06/77</u> | <u>8/09/77</u> |
| INITIAL ELECTRICITY | <u>8/20/77</u> | <u>8/18/77</u> |
| COMMERCIAL OPERATION | <u>12/01/77</u> | <u>12/01/77</u> |

DOCKET NO. 50-348

UNIT 1

DATE 2/02/83

COMPLETED BY W. G. Hairston, III

TELEPHONE (205) 899-5156

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	789
2	785
3	775
4	757
5	744
6	734
7	723
8	720
9	708
10	698
11	686
12	677
13	657
14	532
15	0
16	0

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

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 2/02/83
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

REPORT MONTH JANUARY

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
012	830114	S	411.5	C	3	NA	NA	NA	Unit was shut down for Cycle 4 - Cycle 5 refueling outage. While ramping down for the scheduled outage, the Reactor tripped prematurely due to low steam generator level.

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