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

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

The following safety-related maintenance was performed in May:

1. Performed miscellaneous maintenance on diesel generators.

2. Replaced fiber optics lamp in the 'A' Train control room chlorine detector.

8106160464

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 6/1/81
COMPLETED BY W.G.Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: May, 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	3,623	30,671
12. Number Of Hours Reactor Was Critical	675.9	1,386.0	18,568.3
13. Reactor Reserve Shutdown Hours	68.1	364.9	2,811.7
14. Hours Generator On-Line	654.6	1,220.1	17,923.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,639,347.6	2,773,783.1	44,763,674.9
17. Gross Electrical Energy Generated (MWH)	522,334	883,270	14,302,678
18. Net Electrical Energy Generated (MWH)	495,612	805,772	13,413,522
19. Unit Service Factor	88.0	33.7	58.4
20. Unit Availability Factor	88.0	33.7	58.4
21. Unit Capacity Factor (Using MDC Net)	82.9	27.7	54.4
22. Unit Capacity Factor (Using DER Net)	80.4	26.8	52.8
23. Unit Forced Outage Rate	12.0	20.2	8.0

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: 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

POOR ORIGINAL

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-348
UNIT 1
DATE 6/1/81
COMPLETED BY W. G. Hairston, III
TELEPHONE (205)899-5156

MONTH May, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	802	17	-0-
2	803	18	-0-
3	800	19	211
4	811	20	611
5	810	21	-0-
6	806	22	428
7	808	23	803
8	810	24	801
9	811	25	804
10	809	26	803
11	812	27	799
12	813	28	798
13	813	29	629
14	810	30	326
15	810	31	778
16	811		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348
UNIT NAME J.M.Farley-Unit 1
DATE 6/1/81
COMPLETED BY W.G.Hairston, III
TELEPHONE (205)899-5156

REPORT MONTH May, 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
013	810517	F	54.2	A	3	N/A	CH	VALVEX	Unit tripped due to loss of instrument air to 1C feedwater regulating valve causing the valve to close. Instrument air line break was repaired and Unit returned to service.
014	810520	F	35.2	H	3	N/A	EB	CKTBKR	Unit tripped due to Lo-Lo S/G level caused by trip of both S/G feed pumps.
015	810529	S	0	B	4	N/A	CH	VALVEX	Unit reduced to and held at 120 Mw to perform maintenance of 1C feed regulating valve. Control problems.

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

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