OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 8/1/81
COMPLETED BY W.G. Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
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): 860*
7. Maximum Dependable Capacity (Net MWe): 829*

Notes: 1) Joseph M. Farley Nuclear Plant Unit 2 went into commercial operation on July 30, 1981.

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	1,610.2	1 610.2
12. Number Of Hours Reactor Was Critical	426.7	1,108.2	1,108.2
13. Reactor Reserve Shutdown Hours	317.3	528.8	528.8
14. Hours Generator On-Line	398.7	759.2	759.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	839,252.7	1,257,899.4	1,257,899.4
17. Gross Electrical Energy Generated (MWH)	264,338	359,618	359,618
18. Net Electrical Energy Generated (MWH)	239,070	311,226	311,226
** 19. Unit Service Factor	100.0	100.0	100.0
** 20. Unit Availability Factor	100.0	100.0	100.0
** 21. Unit Capacity Factor (Using MDC Net)	91.2	91.2	91.2
** 22. Unit Capacity Factor (Using DER Net)	91.2	91.2	91.2
** 23. Unit Forced Outage Rate	00.0	00.0	00.0

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	5/6/81	5/8/81
INITIAL ELECTRICITY	5/24/81	5/25/81
COMMERCIAL OPERATION	8/1/81	7/30/81

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

**Items calculated from July 30, 1981, date of commercial operation.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-364
UNIT 2
DATE 8/1/81
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TELEPHONE (205)899-5156

MONTH July, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-0-	17	788
2	-0-	18	539
3	-0-	19	-0-
4	-0-	20	-0-
5	-0-	21	228
6	92	22	307
7	590	23	-0-
8	580	24	-0-
9	574	25	-0-
10	579	26	-0-
11	350	27	183
12	335	28	442
13	637	29	592
14	641	30	757
15	537	31	756
16	712		

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. 50-364
UNIT NAME J.M.Farley-Unit 2
DATE 8/1/81
COMPLETED BY W.G.Hairston, III
TELEPHONE (205)899-5156

REPORT MONTH July, 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
									Continued Phase III Testing at various reactor power levels.
013	810701	S	134.9	H	1	N/A	CI	HTEXCH	Unit outage continued from 6/22/81 to repair a tube leak on S/G 2A.
014	810711	F	8.8	A	3	N/A	HH	VALVEX	Reactor Trip-Turbine Trip on S/G 2B High-High level due to S/G 2B feed regulating valve malfunction during Phase III 50% Load Rejection Test.
015	810714	F	6.9	H	3	N/A	HA	ZZZZZZ	Reactor Trip-Turbine Trip due to high main generator hydrogen temperature.
016	810718	S	66.3	B	1	N/A	HA	ZZZZZZ	Reactor Trip-Turbine Trip due to Phase III Test, Manual Turbine Trip from 100% power. Commenced outage to recalibrate all steam flow/feed flow transmitters and repair transmitter vent lines.

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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UNIT SHUTDOWNS AND POWER REDUCTIONS

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UNIT NAME J.M.Farley-Unit 2
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COMPLETED BY W.G.Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH July, 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
017	810722	F	4.8	G	3	N/A	HA	INSTRU	Reactor Trip-Turbine Trip due to shorting of test leads in parallel with manual Turbine trip switch.
018	810722	S	113.7	B	1	N/A	HA	ZZZZZZ	Reactor Trip-Turbine Trip as part of Phase III testing program. Commenced maintenance outage.
019	810727	F	0.6	A	4	N/A	HH	INSTRU	Turbine Trip due to S/G 2A High-High level. Main feed pump control problems.
020	810727	F	0.8	A	4	N/A	HH	INSTRU	Turbine Trip due to S/G 2A High-High level. Main feed pump control problems.

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S: Scheduled

2
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B-Maintenance or Test
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E-Operator Training & License Examination
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REPORT MONTH July, 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
021	810728	F	2.6	B	3	N/A	HH	INSTRJ	Reactor Trip-Turbine Trip due to S/G 2A Low-Low level while performing Phase III 100% Power Load Swing Test.
022	810728	F	5.9	B	3	N/A	HH	INSTRU	Reactor Trip-Turbine Trip due to Low-Low S/G levels in all S/G's while performing Phase III 50% Load Rejection Test. *Unit 2 declared commercial at 0001 on July 30, 1981.

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)

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Method:
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