

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
JUNE, 1981

The projected date for commercial operation is 8/1/81.

8211020450 810713
PDR ADOCK 05000364
R PDR

STEAM GENERATOR TUBE INSPECTION

Date of Inspection: 6/27/81.

One tube (row 37, column 19) in Steam Generator 2A was satisfactorily plugged on June 27, 1981. The defective tube was located by pressurizing the secondary side and performing a visual inspection for leaks. The defective tube was discovered prior to an inservice inspection. This information is submitted for information only.

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 7/1/81
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: 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): 860*
7. Maximum Dependable Capacity (Net MWe): 829*
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
NA

Notes : (1) Projected date for commercial operation is 8/1/81.

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	720	866.2	866.2
12. Number Of Hours Reactor Was Critical	338.3	681.5	681.5
13. Reactor Reserve Shutdown Hours	185.1	211.5	211.5
14. Hours Generator On-Line	291.7	360.5	360.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	369,436.5	418,646.7	418,646.7
17. Gross Electrical Energy Generated (MWH)	85,600	95,280	95,280
18. Net Electrical Energy Generated (MWH)	67,512	72,156	72,156
19. Unit Service Factor	NA	NA	NA
20. Unit Availability Factor	NA	NA	NA
21. Unit Capacity Factor (Using MDC Net)	NA	NA	NA
22. Unit Capacity Factor (Using DER Net)	NA	NA	NA
23. Unit Forced Outage Rate	NA	NA	NA
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>NA</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 7/6/81

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>5/6/81</u>	<u>5/8/81</u>
INITIAL ELECTRICITY	<u>5/24/81</u>	<u>5/25/81</u>
COMMERCIAL OPERATION	<u>8/1/81</u>	

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

DOCKET NO. 50-364UNIT 2DATE 7/1/81COMPLETED BY W. G. Hairston, IIITELEPHONE (205) 899-5156MONTH June, 1981DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>186</u>
2	<u>195</u>
3	<u>156</u>
4	<u>261</u>
5	<u>97</u>
6	<u>113</u>
7	<u>161</u>
8	<u>222</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>303</u>
18	<u>267</u>
19	<u>256</u>
20	<u>296</u>
21	<u>351</u>
22	<u>190</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> </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. 50-364

UNIT NAME J.M. Farley-Unit 2DATE 7/1/81COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156REPORT 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
005	810603	F	7.7	A	3	NA	HH	VALVEX	Continued Phase III Testing at various reactor power levels. Unit tripped due to a blown fuse in the S/G 2B feed regulating valve control loop resulting in a low level trip with steam flow greater than feed flow.
006	810605	F	11.1	G	3	NA	HH	INSTRU	Unit tripped on S/G 2B high-high level caused by a transient induced while preparing to perform Phase III Testing of SGFP speed control.
007	810606	F	9.2	H	3	NA	EB	XXXXXX	Unit tripped on main generator high H ₂ temperature when the turbine building Service Water isolation valve closed as a result of being adjusted to the wrong setpoint.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364

UNIT NAME J.M. Farley-Unit 2

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
008	810608	S	158.2	B	3	NA	RB	ZZZZZZ	Unit tripped during Phase III Negative Rate Trip Test. One week scheduled maintenance outage followed trip test.
009	810615	S	8.3	B	3	NA	EA	ZZZZZZ	Unit tripped during Phase III Loss of Site Power (LOSP) Test.
010	810615	S	26.3	B	4	NA	IA	ZZZZZZ	Unit tripped during Phase III Shutdown From Outside the Control Room Test.
011	810618	S	5.2	B	1	NA	HA	ZZZZZZ	Turbine manually tripped during Phase III Turbine Trip without Rx Trip Test.
012	810622	F	5.7	A	3	NA	HH	VALVEX	Unit tripped due to blockage in the S/G 2A feed regulating valve instrument air line causing S/G low level.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1981

DOCKET NO. 50-364
 UNIT NAME J.M.Farley-Unit 2
 DATE 7/1/81
 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
013	810622	S	196.6	H	1	NA	CI	HTEXCH	Unit manually shutdown to investigate and repair tube leak on S/C 2A.

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