

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

Projected date for commercial operation is 8/1/81.

8106160648

TMI ACTION PLAN-SECTION II.K.3.3 - REPORTING SAFETY
AND RELIEF VALVE FAILURES AND CHALLENGES

1. At 2352 on 5/14/81 while performing the Natural Circulation with Simulated LOSP Phase III Test Procedure (T.P. 501-7-002), Power Operated Relief Valve 444B cycled four (4) times. The primary pressure was lower than the PORV setpoint, however, the primary pressure was higher than normal long enough for the PORV integral controller to integrate up.
2. At 2030 on 5/15/81 while performing the Natural Circulation Phase III Test Procedure (T.P. 501-7-003), a steam generator code safety valve in 'B' steam line lifted and reseated.
3. At 1540 on 5/25/81 while performing the Dynamic Automatic Steam Dump Control Phase III Test Procedure (T.P. 083-7-527), a steam generator code safety valve in 'B' steam line lifted and stuck in the open position. This event was initiated by a malfunction in the Steam Dump Control System which resulted in steam pressure exceeding the safety valve setpoint.

A gag has been installed on the safety valve to prevent opening. The safety valve will be replaced with a new valve when plant conditions permit.

OPERATING DATA REPORT

DOCKET NO. 50-364

DATE 6/1/81

COMPLETED BY W.G. Hairston, III

TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Uni. 2
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): 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:

N/A

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

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	146.2	146.2	146.2
12. Number Of Hours Reactor Was Critical	343.2	343.2	343.2
13. Reactor Reserve Shutdown Hours	26.4	26.4	26.4
14. Hours Generator On-Line	68.8	68.8	68.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	49,210.2	49,210.2	49,210.2
17. Gross Electrical Energy Generated (MWH)	9,680	9,680	9,680
18. Net Electrical Energy Generated (MWH)	4,644	4,644	4,644
19. Unit Service Factor	N/A	N/A	N/A
20. Unit Availability Factor	N/A	N/A	N/A
21. Unit Capacity Factor (Using MDC Net)	N/A	N/A	N/A
22. Unit Capacity Factor (Using DER Net)	N/A	N/A	N/A
23. Unit Forced Outage Rate	N/A	N/A	N/A

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

Maintenance: June, 1981; One week

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	8/8/81	

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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-364

UNIT 2

DATE 6/1/81

COMPLETED BY W.G. Hairston, III

TELEPHONE (205) 899-5156

MONTH May, 1981

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>45</u>
29	<u>-0-</u>
30	<u>57</u>
31	<u>140</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

REPORT MONTH May, 1981DOCKET NO. 50-364UNIT NAME J.M. Farley-Unit 2DATE 6/1/81COMPLETED BY W.G. Hairston, IIITELEPHONE (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
	810501	S	597.8	H	4	N/A	N/A	N/A	Prior to initially putting turbine generator on line.
01	810525	F	43.2	A	1	N/A	HA	INSTRU	Generator manually taken off line to investigate Digital Electro-Hydraulic Control system problems.
02	810528	F	20.9	H	1	N/A	HC	XXXXXX	Unit tripped due to S/G level control problem after a turbine trip.
03	810530	F	7.0	B	1	N/A	HH	VALVEX	Unit tripped on S/G low-low level while testing the main feed regulating valves.

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

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1981

DOCKET NO. 50-364
 UNIT NAME J.M. Farley-Unit 2
 DATE 6/1/81
 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
04	810530	F	6.3	B	1	N/A	HH	VALVEX	Unit tripped while testing main feed regulating valves. Turbine and SGFP's tripped on S/G high level. Reactor tripped on S/G low-low level after turbine trip.

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

(9/77)