JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

NARRATIVE SUMMARY OF OPERATIONS
OCTOBER, 1979

In October, 1979, the Unit Cycle I-II refueling outage continued to perform inspection and repair of anchor bolts in accordance with I & E Bulletin 79-02 and to inspect as built piping in accordance with I & E Bulletin 79-14.

The following significant safety-related maintenance was performed in October:

1. Performed maintenance on 1C charging pump.
2. Replaced the Waste Evaporator rupture disc.
3. Replaced 1B containment air cooler expansion joint.
4. Installed new valves in the CVCS System (1 valve) and the Containment Spray System (2 valves).
5. Worked on the waste evaporator concentrates pump. Shaft broken.
6. Worked on the containment sump pump level switch.
7. Rebuilt 1A containment sump pump.
8. Rebuilt the recycle evaporator feed pump.
9. Performed annual Preventive Maintenance on the Diesel driven fire pump.

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 11/1/79
COMPLETED BY W. G. Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: October, 1979
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/ Cumulative data since 12/1/77, 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	7,295	16,799
12. Number Of Hours Reactor Was Critical	19.4	1,553.1	9,796.9
13. Reactor Reserve Shutdown Hours	-0-	72.4	1,079.9
14. Hours Generator On-Line	-0-	1,510.8	9,596.5
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	-0-	3,556,347.8	24,379,595.8
17. Gross Electrical Energy Generated (MWH)	-0-	1,137,794	7,811,992
18. Net Electrical Energy Generated (MWH)	-0-	1,074,286	7,390,112
19. Unit Service Factor	-0-	20.7	57.1
20. Unit Availability Factor	-0-	20.7	57.1
21. Unit Capacity Factor (Using MDC Net)	-0-	17.8	53.1
22. Unit Capacity Factor (Using DER Net)	-0-	17.8	53.1
23. Unit Forced Outage Rate	-0-	5.9	7.6

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

Refueling outage in progress

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 5, 1979
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

* 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. 50-348
UNIT 1
DATE 11/1/79
COMPLETED BY W. G. Hairston, III
TELEPHONE (205)899-5156

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-0-	17	-0-
2	-0-	18	-0-
3	-0-	19	-0-
4	-0-	20	-0-
5	-0-	21	-0-
6	-0-	22	-0-
7	-0-	23	-0-
8	-0-	24	-0-
9	-0-	25	-0-
10	-0-	26	-0-
11	-0-	27	-0-
12	-0-	28	-0-
13	-0-	29	-0-
14	-0-	30	-0-
15	-0-	31	-0-
16	-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.

(9/77)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. 50-348
UNIT NAME J.M.Farley-Unit 1
DATE 11/1/79
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
020	791001	S	744	C	1	N/A	RC	ZZZZZZ	Continuation from September 30, 1979. Refueling Outage in progress. Anchor bolt testing has delayed unit startup. The Reactor was brought critical for low power physics testing and was manually tripped to repair an electrical connection to a control rod drive mechanism. The Unit never reached Mode 1 (>.99 Keff and >5%Rx PWR.)

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)

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