JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
October, 1982

In the month of October there was one unit shutdown on October 22, 1982, which initiated the Cycle I - Cycle II refueling.

The following safety-related maintenance was performed in the month of October:

1. Performed miscellaneous maintenance on diesel generators.

2. Repacked 2E Service Water pump.

3. Repacked #7 River Water pump.

4. Performed annual inspection on Spent Fuel Pool Cask crane.

5. Repaired leaking Spent Fuel Pool check valve V013 (Pen. #95).

STEAM GENERATOR TUBE PLUGGING

Based on industry experience and past experience at FNP, the majority of Westinghouse steam generator tube leaks occur on the steam generator inner row tubes. Therefore, a management decision was made to plug all the inner row tubes of the three Unit 2 steam generators to prevent unplanned outages in the future. Also, three additional tubes on Steam Generator 2A were plugged.

Dates of Plugging: 10/28/82 - 11/01/82

All (94) S/G 2A inner row tubes were plugged. In addition, the three following tubes on S/G 2A were also plugged.

Row	Column
28	10
29	11
30	12

All (94) S/G 2B inner row tubes were plugged.

All (94) S/G 2C inner row tubes were plugged.

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 11/04/82
COMPLETED BY W.G.Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: October, 1982
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): 854.7
7. Maximum Dependable Capacity (Net MWe): 813.7

Notes
1) Cumulative data since 7/30/81, 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	745	7,296	11,017
12. Number Of Hours Reactor Was Critical	528	6,346.2	10,032.4
13. Reactor Reserve Shutdown Hours	0	97.6	138.4
14. Hours Generator On-Line	527.7	6,254.2	9,920.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,387,065	15,955,657	64,400,880
17. Gross Electrical Energy Generated (MWH)	441,252	5,102,520	8,173,898
18. Net Electrical Energy Generated (MWH)	417,138	4,832,614	7,753,334
19. Unit Service Factor	70.8	85.7	90.0
20. Unit Availability Factor	70.8	85.7	90.0
21. Unit Capacity Factor (Using MDC Net)	68.8	81.4	86.5
22. Unit Capacity Factor (Using DER Net)	67.5	79.9	84.9
23. Unit Forced Outage Rate	0.0	11.6	8.1

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: 12/12/82
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	5/06/81	5/08/81
INITIAL ELECTRICITY	5/24/81	5/25/81
COMMERCIAL OPERATION	8/01/81	7/30/81

DOCKET NO. 50-364

UNIT J.M. Farley-Unit 2

DATE 11/04/82

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	800	17	809
2	793	18	803
3	804	19	795
4	797	20	789
5	795	21	785
6	794	22	742
7	795	23	-0-
8	794	24	-0-
9	796	25	-0-
10	796	26	-0-
11	796	27	-0-
12	794	28	-0-
13	797	29	-0-
14	806	30	-0-
15	809	31	-0-
16	806		

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J.M. Farley-Unit 2
DATE 11/04/82
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH October, 1982

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	821022	S	217.3	C	1	NA	NA	NA	Unit was taken off line for the Cycle I - Cycle II refueling outage.

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)

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
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UNIT J.M. Farley-Unit 2

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(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

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DATE 11/04/82
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH October, 1982

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