

**Joseph M. Farley Nuclear Plant  
Unit 1  
Narrative Summary of Operations  
September 1994**

There were no unit shutdowns or major power reductions during the month.

The following safety related maintenance was conducted during the month:

1. Replaced failed universal card (A313) in the solid state protection system. The function for "Containment Pressure Safety Injection" was bad.
2. Performed repairs and modifications to the 1B Post Accident Hydrogen Analyzer.

# OPERATING DATA REPORT

<b>DOCKET NO.</b>	50-348
<b>DATE</b>	October 7, 1994
<b>COMPLETED BY</b>	R. D. Hill
<b>TELEPHONE</b>	(205) 899-5156

## OPERATING STATUS

1. Unit Name:	<b>Joseph M. Farley - Unit 1</b>
2. Reporting Period:	September 1994
3. Licensed Thermal Power (MWt):	2,652
4. Nameplate Rating (Gross MWe):	860
5. Design Electrical Rating (Net MWe):	829
6. Maximum Dependable Capacity (Gross MWe):	855.7
7. Maximum Dependable Capacity (Net MWe):	812
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:	N/A

### Notes

1) Cumulative data since 12-01-77, 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	720.0	6,551.0	147,551.0
12. Number Of Hours Reactor Was Critical	720.0	5,383.9	117,047.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	720.0	5,338.3	115,244.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,909,440.0	13,794,243.4	296,286,648.6
17. Gross Electrical Energy Generated (MWH)	621,629.0	4,478,044.0	95,493,090.0
18. Net Electrical Energy Generated (MWH)	590,771.0	4,233,894.0	90,174,048.0
19. Unit Service Factor	100.0	81.5	78.1
20. Unit Availability Factor	100.0	81.5	78.1
21. Unit Capacity Factor (Using MDC Net)	101.0	79.6	75.0
22. Unit Capacity Factor (Using DER Net)	99.0	78.0	73.7
23. Unit Forced Outage Rate	0.0	0.0	6.1
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:

N/A

26. Units In Test Status (Prior To Commercial Operation):

	Forecast	Achieved
Initial Criticality	08/06/77	08/09/77
Initial Electricity	08/20/77	08/18/77
Commercial Operation	12/01/77	12/01/77

DOCKET NO.	50-348
UNIT	1
DATE	October 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	817	17	818
2	816	18	816
3	820	19	821
4	825	20	825
5	824	21	824
6	821	22	823
7	819	23	821
8	819	24	821
9	818	25	822
10	818	26	822
11	817	27	824
12	819	28	821
13	820	29	821
14	821	30	824
15	816	31	N/A
16	818		

#### INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting period. Compute to the nearest whole megawatt.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-348
UNIT NAME	J. M. Farley - Unit 1
DATE	October 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

REPORT MONTH **September**[illegible]

W

Exhibit I - Same Source

Exhibit I - Same Source

### Sheets for Licensee Event

Report (LER) File (NUREG-0161)

Report (LER) File (NUREG-0161)

4 - Other (Explain)

4 - Other (Explain)

4 - Other (Explain)

4 - Other (Explain)

**Joseph M. Farley Nuclear Plant  
Unit 2  
Narrative Summary of Operations  
September 1994**

There were no unit shutdowns or major power reductions during the month.

The following safety related maintenance was conducted during the month:

1. Replaced failed radiation monitor R-24B "Containment Purge Monitor".

# OPERATING DATA REPORT

DOCKET NO.	50-364
DATE	October 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

## OPERATING STATUS

1. Unit Name: **Joseph M. Farley - Unit 2**

2. Reporting Period: **September 1994**

3. Licensed Thermal Power (MWt): **2,652**

4. Nameplate Rating (Gross MWe): **860**

5. Design Electrical Rating (Net MWe): **829**

6. Maximum Dependable Capacity (Gross MWe): **863.6**

7. Maximum Dependable Capacity (Net MWe): **822**

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: **N/A**

### Notes

1) Cumulative data since 07-30-81, 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	720.0	6,551.0	115,464.0
12. Number Of Hours Reactor Was Critical	720.0	6,537.0	99,490.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	720.0	6,519.8	98,081.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,909,440.0	17,213,685.7	250,749,038.5
17. Gross Electrical Energy Generated (MWH)	626,525.0	5,660,636.0	82,210,097.0
18. Net Electrical Energy Generated (MWH)	597,193.0	5,592,312.0	77,967,401.0
19. Unit Service Factor	100.0	99.5	84.9
20. Unit Availability Factor	100.0	99.5	84.9
21. Unit Capacity Factor (Using MDC Net)	100.9	100.1	82.3
22. Unit Capacity Factor (Using DER Net)	100.1	99.3	81.5
23. Unit Forced Outage Rate	0.0	0.5	4.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <i>Refueling/Maintenance outage, March 10, 1995. Approximately 44 days.</i>			

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	05/06/81	05/08/81
Initial Electricity	05/24/81	05/25/81
Commercial Operation	08/01/81	07/30/81

DOCKET NO.	50-364
UNIT	2
DATE	October 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	826	17	826
2	825	18	825
3	829	19	831
4	833	20	836
5	834	21	833
6	832	22	832
7	829	23	829
8	828	24	829
9	827	25	831
10	828	26	831
11	826	27	832
12	828	28	830
13	829	29	831
14	830	30	832
15	822	31	N/A
16	824		

#### INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting period. Compute to the nearest whole megawatt.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-364
UNIT NAME	J. M. Farley - Unit 2
DATE	October 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

REPORT MONTH **September**

5

Exhibit I - Same Source

Sheets for Licensee Event

Report (LER) File (NUREG-0161)

4 - Other (Explain)