

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE OCTOBER 3, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: SEPTEMBER 1984

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

8411140325 840930
PDR ADOCK 05000282
R PDR

JE 24
1/1

DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO.1
 DATE OCTOBER 3, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH SEPTEMBER 1984

DAY	AVERAGE_LOAD_MWE-NET
1	499
2	500
3	498
4	501
5	492
6	506
7	501
8	505
9	502
10	503
11	502
12	504
13	500
14	504
15	507
16	502
17	288
18	427
19	520
20	517
21	514
22	512
23	514
24	518
25	515
26	520
27	520
28	518
29	519
30	519

AVERAGE LOADS ABOVE 503 MWE-NET ARE DUE
 TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE OCTOBER 3, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

- | | |
|---|------------------------|
| <ol style="list-style-type: none"> 1. UNIT NAME: PRAIRIE ISLAND NO. 1 2. REPORTING PERIOD: SEPTEMBER 1984 3. LICENSED THERMAL POWER (MWT): 1650 4. NAMEPLATE RATING (GROSS MWE): 593 5. DESIGN ELECTRICAL RATING (NET MWE): 530 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 534 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 503 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT GIVE REASON: N / A 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N / A 10. REASONS FOR RESTRICTIONS, IF ANY: N / A | NOTES:

 |
|---|------------------------|

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	6575	94607
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6515.6	78188.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	720.0	6489.5	76870.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1139585	10449203	120760365
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	382190	3456830	39336630
18. NET ELECTRICAL ENERGY GENERATED (MWH)	358737	3258352	36849781
19. UNIT SERVICE FACTOR	100.0	98.7	81.3
20. UNIT AVAILABILITY FACTOR	100.0	98.7	81.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.1	98.5	77.4
22. UNIT CAPACITY FACTOR (USING DER NET)	94.0	93.5	73.5
23. UNIT FORCED OUTAGE RATE	0.0	0.2	7.9
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

TEN YEAR OVERHAUL IN JANUARY 1985

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-282
 UNIT NAME Prairie Island No. 1
 DATE October 3, 1984
 COMPLETED BY Dale Dugstad
 TELEPHONE 612-388-1121

REPORT MONTH SEPTEMBER 1984

DATE YY MM DD	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR OR REDUCING POWER (3)	LICENSEE EVENT REPORT	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE/CORRECTIVE ACTION/COMMENTS
84 09 17	S	0.0	B	5	N/A	N/A	N/A	Contamination of secondary water system caused by improper valve lineup. Source of contaminant was isolated. Turbine valves test.

(1) TYPE
 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 Trip
 3: Automatic Trip
 4: Continued
 5: Reduced Load
 9: Other

(4) SYSTEM CODE
 Draft IEEE Std
 805-1984(P805-D5)

 (5) COMPONENT CODE
 IEEE Std 803A-1983

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE OCTOBER 3, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH SEPTEMBER 1984

ON THE 3RD AT 2321 THE UNIT WAS TAKEN OFFLINE FOR CYCLE
8-9 REFUELING OUTAGE.

DAILY UNIT POWER QUIPWI

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO.2
 DATE OCTOBER 3, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH SEPTEMBER 1984

DAY	AVERAGE_LOAD__MWE-NET
1	345
2	345
3	316
4	-13
5	-3
6	-3
7	-3
8	-3
9	-3
10	-3
11	-3
12	-3
13	-3
14	-3
15	-3
16	-3
17	-3
18	-3
19	-3
20	-3
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0

AVERAGE LOADS ABOVE 500 MWE-NET ARE DUE
 TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO.2
 DATE OCTOBER 3, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

- | | |
|--|--------|
| 1. UNIT NAME: PRAIRIE ISLAND NO. 2 | |
| 2. REPORTING PERIOD: SEPTEMBER 1984 | NOTES: |
| 3. LICENSED THERMAL POWER (MWT): 1650 | |
| 4. NAMEPLATE RATING (GROSS MWE): 593 | |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 530 | |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 531 | |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 500 | |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7)
SINCE LAST REPORT GIVE REASON: 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	720	6575	85725
12. NUMBER OF HOURS REACTOR WAS CRITICAL	72.5	5927.5	74178.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	71.4	5926.4	73219.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	80315	9355203	115087061
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	26160	3098480	36872520
18. NET ELECTRICAL ENERGY GENERATED (MWH)	22648	2929279	34904160
19. UNIT SERVICE FACTOR	9.9	90.1	85.4
20. UNIT AVAILABILITY FACTOR	9.9	90.1	85.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	6.3	89.1	81.4
22. UNIT CAPACITY FACTOR (USING DER NET)	5.9	84.1	76.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.2
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

REFUELING OUTAGE ON SEPTEMBER 4, 1984.

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: OCT 9, 1984

UNIT SHUTDOWNS AND PCWER REDUCTIONS

REPORT MONTH SEPTEMBER 1984

DOCKET NO. 50-306
 UNIT NAME Prairie Island No. 2
 DATE October 3, 1984
 COMPLETED BY Dale Dugstad
 TELEPHONE 612-388-1121

DATE YY MM DD	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUT TING DOWN REAC TOR OR REDUC- ING POWER (3)	LICENSEE EVENT REPORT	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE/CORRECTIVE ACTION/COMMENTS
84 09 03	S	648.6	C	2	N/A	N/A	N/A	Refueling outage.

- | | | | |
|--------------|--|-------------------|--------------------|
| (1) TYPE | (2) REASON | (3) METHOD | (4) SYSTEM CODE |
| F: Forced | A: Equipment Failure (Explain) | 1: Manual | Draft IEEE Std |
| S: Scheduled | B: Maintenance or Test | 2: Manual Trip | 805-1984(P805-D5) |
| | C: Refueling | 3: Automatic Trip | |
| | D: Regulatory Restriction | 4: Continued | |
| | E: Operator Training & License Examination | 5: Reduced Load | |
| | F: Administrative | 9: Other | (5) COMPONENT CODE |
| | G: Operational Error (Explain) | | IEEE Std 803A-1983 |
| | H: Other (Explain) | | |



Northern States Power Company

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Telephone (612) 330-5500

October 5, 1984

Director, Office of Resource Management
U S Nuclear Regulatory Commission
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
September, 1984

Attached are twelve copies of the Monthly Operating Report for
September, 1984 for the Prairie Island Nuclear Generating Plant.

David Musolf
Manager of Nuclear Support Services

DMM/le

cc: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
MPCA
Attn: J W Ferman

Attachment

DESIGNATED ORIGINAL
Certified By Mr. Beebe 11/07/84

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