

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE JUNE 5, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MAY 1984

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

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PDR ADOCK 05000282
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DAILY UNIT POWER QUIPUI

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE JUNE 5, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH MAY 1984

DAY	AVERAGE_LOAD_MWE-NET
1	519
2	520
3	515
4	516
5	511
6	511
7	510
8	518
9	513
10	513
11	508
12	510
13	510
14	511
15	507
16	509
17	504
18	507
19	502
20	509
21	501
22	503
23	504
24	505
25	507
26	508
27	510
28	508
29	509
30	505
31	501

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 JUNE 5, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MAY 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	744	3647	91679
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3597.4	75270.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	744.0	3576.0	73957.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224392	5771073	116082235
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	402410	1923580	37803380
18. NET ELECTRICAL ENERGY GENERATED (MWH)	378787	1819543	35410972
19. UNIT SERVICE FACTOR	100.0	98.1	80.7
20. UNIT AVAILABILITY FACTOR	100.0	98.1	80.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.2	99.2	76.8
22. UNIT CAPACITY FACTOR (USING DER NET)	96.1	94.1	72.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.2
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 LER REDUCTIONS

REPORT MONTH May 1984

DOCKET NO. 50-282
 UNIT NAME Prairie Island No. 1
 DATE June 4, 1984
 COMPLETED BY Dale Dugstad
 TELEPHONE 612-388-1121

PINGP 120, Rev. 5

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
NONE								

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 Trip
 3-Automatic Trip
 4-Other (Explain)

⁴ Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit 1 - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE JUNE 5, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MAY 1984

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.

DAILY_UNIT_POWER_QUIEWT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE JUNE 5, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MAY 1984

DAY	AVERAGE_LOAD__MWE-NET
1	519
2	518
3	514
4	518
5	516
6	516
7	515
8	523
9	518
10	517
11	514
12	515
13	514
14	514
15	511
16	510
17	508
18	507
19	504
20	508
21	501
22	504
23	507
24	505
25	509
26	509
27	510
28	471
29	509
30	506
31	505

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 JUNE 5, 1984
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MAY 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): 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

NOTES:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	3647	82797
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3647.0	71897.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	744.0	3647.0	70940.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1220803	5852358	111584216
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	401900	1953050	35727070
18. NET ELECTRICAL ENERGY GENERATED (MWH)	379513	1853933	33828816
19. UNIT SERVICE FACTOR	100.0	100.0	85.7
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.0	101.7	81.7
22. UNIT CAPACITY FACTOR (USING DER NET)	96.2	95.9	77.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.3
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

REFUELING OUTAGE IN AUGUST OF 1984.

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

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH May 1984

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE June 4, 1984

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

PINCP 120, Rev. 5

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
840528	S	0.0	B	4	N/A	N/A	N/A	Turbine valves test

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 Trip
3-Automatic Trip
4-Other (Explain)

⁴ Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit 1 - Same Source



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

June 11, 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
May, 1984

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

David Musolf
Manager of Nuclear Support Services

DMM/bd

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

Attachment

DESIGNATED ORIGINAL
Certified By MR Beche 06/29/84

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