

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE APRIL 4, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MARCH 1984

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

8405020234 840331
PDR ADCCK 05000282
R PDR

DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE APRIL 4, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MARCH 1984

DAY	AVERAGE_LOAD_MWE-NET
1	531
2	523
3	526
4	451
5	522
6	530
7	524
8	529
9	525
10	527
11	444
12	524
13	527
14	531
15	526
16	527
17	528
18	527
19	527
20	525
21	527
22	526
23	527
24	526
25	527
26	526
27	519
28	509
29	547
30	526
31	525

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 APRIL 4, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

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

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	2184	90216
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2134.4	73807.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	744.0	2113.0	72494.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1212731	3371053	113682215
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	407980	1131540	37011340
18. NET ELECTRICAL ENERGY GENERATED (MWH)	387867	1073870	34665299
19. UNIT SERVICE FACTOR	100.0	96.7	80.4
20. UNIT AVAILABILITY FACTOR	100.0	96.7	80.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.6	97.8	76.4
22. UNIT CAPACITY FACTOR (USING DER NET)	98.4	92.8	72.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.4
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 March 1984

DOCKET NO. 50- 282

UNIT NAME Prairie Island No. 1

DATE 840404

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
840304	S	0.0	B	4	N/A	N/A	N/A	Turbine valve test.
840311	S	0.0	B	4	N/A	N/A	N/A	Added oil to Reactor Coolant Pump, checked Feedwater Pump couplings.

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-In-
structions 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 APRIL 4, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MARCH 1984

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.
REACTOR POWER IS STILL REDUCED TO 96% DUE TO FAH
APPROACHING TECH SPEC LIMIT.

DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE APRIL 4, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MARCH 1984

DAY	AVERAGE_LOAD__MWE-NET
1	507
2	501
3	503
4	509
5	503
6	507
7	504
8	506
9	505
10	503
11	503
12	502
13	504
14	504
15	501
16	505
17	504
18	484
19	501
20	504
21	507
22	505
23	507
24	503
25	472
26	501
27	496
28	487
29	516
30	511
31	497

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 APRIL 4, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MARCH 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

NOTES:

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	2184	81334
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2184.0	70434.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	744.0	2184.0	69477.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1167259	3492139	109223997
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	392270	1174290	34948330
18. NET ELECTRICAL ENERGY GENERATED (MWH)	373470	1119071	33093954
19. UNIT SERVICE FACTOR	100.0	100.0	85.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.4	102.5	81.4
22. UNIT CAPACITY FACTOR (USING DER NET)	94.7	96.7	76.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
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 JER REDUCTIONS

REPORT MONTH March 1984

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE 840404

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
840318	S	0.0	B	4	N/A	N/A	N/A	Axial offset test.
840325	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)

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structions 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

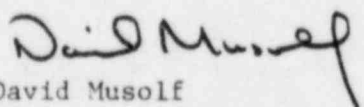
April 6, 1984

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
March, 1984

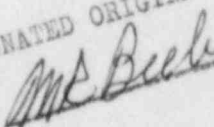
Attached are twelve copies of the Monthly Operating Report for March, 1984 for the Prairie Island Nuclear Generating Plant.


David Musolf
Manager of Nuclear Support Services

DMM/js

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

Attachment

DESIGNATED ORIGINAL
Certified By  05/01/84

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