

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT ~~PRAIRIE ISLAND~~ NO. 1

DATE MARCH 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

RECEIVED
MONTH: FEBRUARY 1984
FULL DOCUMENT ROOM

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.
FROM THE 5TH TO THE 7TH, POWER WAS LIMITED DUE TO Δ I OUT OF
BAND CAUSED BY POWER SWING FOR TURBINE VALVES TEST.

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2/29/84

8403300095 840229
PDR ADOCK 05000282
R PDR

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DAILY UNIT POWER OUTPUT

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

MONTH FEBRUARY 1984

DAY	AVERAGE LOAD MWE-NET
1	526
2	527
3	528
4	529
5	230
6	244
7	523
8	526
9	527
10	526
11	527
12	526
13	528
14	526
15	528
16	527
17	527
18	529
19	527
20	528
21	528
22	528
23	526
24	527
25	528
26	526
27	526
28	529
29	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 MARCH 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: FEBRUARY 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	696	1440	89472
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1390.4	73063.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	696.0	1369.0	71750.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1104603	2158322	112469484
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	371370	723560	36603360
18. NET ELECTRICAL ENERGY GENERATED (MWH)	352843	686003	34277432
19. UNIT SERVICE FACTOR	100.0	95.1	80.2
20. UNIT AVAILABILITY FACTOR	100.0	95.1	80.2
1. UNIT CAPACITY FACTOR (USING MDC NET)	100.8	94.7	76.2
2. UNIT CAPACITY FACTOR (USING DER NET)	95.7	89.9	72.3
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

UN SHUTDOWNS AND LER REDUCTIONSREPORT MONTH February 1984DOCKET NO. 50-282UNIT NAME Prairie Island No.1DATE March 2, 1984COMPLETED BY Dale DugstadTELEPHONE 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
840205	S	0.0	B	N/A	N/A	N/A	N/A	Turbine valves test, ΔI out of band.

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

DAILY UNIT POWER OUTPUT

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

MONTH FEBRUARY 1984

DAY	AVERAGE LOAD -- MWE-NET
1	525
2	529
3	530
4	530
5	529
6	530
7	528
8	527
9	529
10	527
11	529
12	526
13	528
14	525
15	527
16	526
17	526
18	527
19	496
20	526
21	529
22	526
23	510
24	502
25	504
26	502
27	505
28	507
29	504

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 59-306

UNIT PRAIRIE ISLAND NO.2

DATE MARCH 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH FEBRUARY 1984

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.
ON THE 23RD POWER WAS REDUCED TO 96% DUE TO FAH
APPROACHING TECH SPEC LIMIT.

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: FEBRUARY 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	696	1440	80590
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1440.0	69690.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	696.0	1440.0	68733.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1130849	2324880	108056738
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	380160	782020	34556060
18. NET ELECTRICAL ENERGY GENERATED (MWH)	362593	745601	32720484
19. UNIT SERVICE FACTOR	100.0	100.0	85.3
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.2	103.6	81.2
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	97.7	76.6
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
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

UN SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH February 1984

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE March 2, 1984

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
840219	S	0.0	B	N/A	N/A	N/A	N/A	Turbine Valves test. Power reduced to 96% due to FAH approaching Tech Spec limit. This was anticipated in core load design.
840223	S	0.0	F	N/A	N/A	N/A	N/A	

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



Northern States Power Company

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

March 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
February, 1984

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

David Musolf
Manager of Nuclear Support Services

DMM/dab

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

Attachment

DESIGNATED ORIGINAL
Certified By MR Beebe 03/16/84

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11