

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE FEBRUARY 2, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH JANUARY 1984

THE UNIT RETURNED TO SERVICE AT 1739 OF THE 3RD FROM THE CYCLE 8-9 REFUELING OUTAGE. THE UNIT TRIPPED ON THE STARTUP AT 1747 AND WAS BACK ON LINE AT 2306. NO OTHER SHUTDOWNS OCCURRED.

8402150183 840131
PDR ADOCK 05000282
R PDR

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE FEBRUARY 2, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH JANUARY 1984

DAY	AVERAGE LOAD MWE-NET
1	-13
2	-15
3	-16
4	139
5	289
6	407
7	506
8	522
9	522
10	510
11	506
12	524
13	520
14	526
15	523
16	531
17	522
18	529
19	525
20	528
21	526
22	526
23	527
24	528
25	526
26	529
27	529
28	530
29	523
30	527
31	529

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 FEBRUARY 2, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

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

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	744	88776
12. NUMBER OF HOURS REACTOR WAS CRITICAL	694.4	694.4	72367.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	673.0	673.0	71054.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1053719	1053719	111364881
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	352190	352190	36231990
18. NET ELECTRICAL ENERGY GENERATED (MWH)	333160	333160	33924589
19. UNIT SERVICE FACTOR	90.5	90.5	80.0
20. UNIT AVAILABILITY FACTOR	90.5	90.5	80.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	89.0	89.0	76.0
22. UNIT CAPACITY FACTOR (USING DER NET)	84.5	84.5	72.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.5
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A			

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH January 1984DOCKET NO. 50- 282UNIT NAME Prairie Island No. 1DATE February 3, 1983COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

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
12- 2-83	S	65.7	C	1	N/A	N/A	N/A	Cycle 9 refueling outage.
1- 3-84	S	5.3	H	3	RE-1-84-1	N/A	N/A	Trip on startup.
1-10-84	S	0.0	B	N/A	N/A	N/A	N/A	Axial offset calibration.
1-29-84	S	0.0	B	N/A	N/A	N/A	N/A	Axial offset 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-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 FEBRUARY 2, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH JANUARY 1984

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.

DAILY UNIT POWER OUTPUT

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

MONTH JANUARY 1984

DAY	AVERAGE LOAD--MWE-NET
1	485
2	525
3	528
4	529
5	528
6	529
7	530
8	528
9	529
10	530
11	531
12	528
13	530
14	528
15	528
16	532
17	526
18	530
19	531
20	531
21	348
22	329
23	529
24	532
25	530
26	533
27	533
28	527
29	505
30	530
31	529

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 FEBRUARY 2, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

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

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	744	79894
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	66994.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	744.0	744.0	68037.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1194031	1194031	106925889
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	401860	401860	34175900
18. NET ELECTRICAL ENERGY GENERATED (MWH)	383008	383008	32357891
19. UNIT SERVICE FACTOR	100.0	100.0	85.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.0	103.0	81.0
22. UNIT CAPACITY FACTOR (USING DER NET)	97.1	97.1	76.4
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

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH January 1984

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE February 3, 1984

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

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
1- 1-84	S	0.0	B	N/A	N/A	N/A	N/A	Turbine valves test.
1-21-84	S	0.0	B	N/A	N/A	N/A	N/A	Condenser tube cleaning.

1 F: Forced
S: Scheduled

2 Reason

- A-Equipment Failure(Explain)
- B-Maintenance or Test
- C-Retueiling
- 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 C-In-

- structions for
- Preparation of
- Data Entry Sheets
- for Licensee Event
- Report (LER) File
- (NUREG-0161)

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Exhibit 1 - Same Source



Northern States Power Company

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

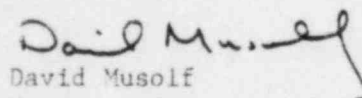
February 6, 1984

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
January, 1984

Attached are twelve copies of the Monthly Operating Report for
January, 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

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