

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE MAY 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-368-1121

MONTH APRIL 1985

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

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DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE MAY 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH APRIL 1985

DAY	AVERAGE_LOAD__MWE-NET
1	514
2	518
3	511
4	515
5	517
6	514
7	520
8	515
9	518
10	509
11	511
12	505
13	508
14	511
15	517
16	512
17	508
18	506
19	506
20	504
21	503
22	504
23	504
24	505
25	509
26	509
27	506
28	457
29	496
30	509

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 MAY 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: APRIL 1985
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	719	2879	90813
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2879.0	78973.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	719.0	2879.0	78003.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1178808	4666469	122826701
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	387320	1565520	39469060
18. NET ELECTRICAL ENERGY GENERATED (MWH)	365288	1487172	37368011
19. UNIT SERVICE FACTOR	100.0	100.0	85.9
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.6	103.3	82.3
22. UNIT CAPACITY FACTOR (USING DER NET)	95.9	97.5	77.6
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.9
24. FORCED OUTAGE HOURS	0.0	0.0	3209.6
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

1EN_YEAR_OUTAGE_IN_SEPTIEMBER____1985____

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-306

UNIT NAME Prairie Island No. 2DATE May 3, 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121REPORT MONTH APRIL 1985

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
85 04 28	S	0.0	B	5	N/A	N/A	N/A	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. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE MAY 3, 1985

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH: APRIL 1985

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

DAILY_UNIT_POWER_QUERY

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE MAY 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH APRIL 1985

DAY	AVERAGE_LOAD__MWE-NET
1	513
2	516
3	509
4	513
5	513
6	512
7	515
8	514
9	515
10	506
11	509
12	505
13	505
14	468
15	507
16	512
17	512
18	501
19	503
20	500
21	500
22	499
23	501
24	501
25	505
26	506
27	503
28	509
29	499
30	508

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 MAY 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: APRIL 1985
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	719	2879	99695
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	1513.0	81507.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	719.0	1497.2	80165.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1180670	2268830	125868088
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	386790	750540	41042640
18. NET ELECTRICAL ENERGY GENERATED (MWH)	363822	701178	38451996
19. UNIT SERVICE FACTOR	100.0	52.0	80.4
20. UNIT AVAILABILITY FACTOR	100.0	52.0	80.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.6	48.4	76.7
22. UNIT CAPACITY FACTOR (USING DER NET)	95.5	46.0	72.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.1
24. FORCED OUTAGE HOURS	0.0	0.0	7044.4
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

N/A

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL 1985DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE May 3, 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

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
85 04 14	S	0.0	B	5	N/A	N/A	N/A	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



Northern States Power Company

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

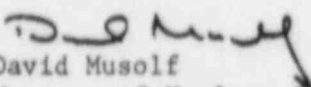
May 7, 1985

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
April, 1985

Attached are twelve copies of the Monthly Operating Report for
April, 1985 for the Prairie Island Nuclear Generating Plant.


David Musolf
Manager of Nuclear Support Services

DMM/jlk

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

Attachment

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