

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE JANUARY 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: DECEMBER 1984

THE UNIT WAS BASE LOADED THIS MONTH, IN COASTDOWN OPERATION.
THERE WERE NO SHUTDOWNS.

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DAILY_UNIT_POWER_QUIEVI

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE JANUARY 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH DECEMBER 1984

DAY	AVERAGE_LOAD__MWE-NET
1	527
2	530
3	524
4	523
5	527
6	525
7	527
8	527
9	428
10	524
11	517
12	511
13	507
14	507
15	500
16	502
17	495
18	496
19	485
20	483
21	476
22	473
23	465
24	464
25	460
26	456
27	441
28	436
29	432
30	422
31	422

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 JANUARY 4, 1985
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

- | | |
|--|--------|
| <ol style="list-style-type: none"> 1. UNIT NAME: PRAIRIE ISLAND NO. 1 2. REPORTING PERIOD: DECEMBER 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	8784	96816
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	8321.3	79994.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	744.0	8286.8	78667.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1135345	13288096	123599258
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	382670	4412300	40292100
18. NET ELECTRICAL ENERGY GENERATED (MWH)	362616	4159389	37750818
19. UNIT SERVICE FACTOR	100.0	94.3	81.3
20. UNIT AVAILABILITY FACTOR	100.0	94.3	81.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	96.9	94.1	77.5
22. UNIT CAPACITY FACTOR (USING DER NET)	92.0	89.3	73.6
23. UNIT FORCED OUTAGE RATE	0.0	4.9	8.2
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

TEN YEAR OVERHAUL ON JANUARY 12, 1985

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER 1984DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE January 4, 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

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
84 12 09	S	0.0	B	9	N/A	N/A	N/A	Stop valve 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. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE JANUARY 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH DECEMBER 1984

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE JANUARY 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH DECEMBER 1984

DAY	AVERAGE_LOAD__MWE-NET
1	524
2	527
3	525
4	521
5	523
6	522
7	525
8	524
9	524
10	528
11	527
12	527
13	531
14	533
15	529
16	481
17	529
18	530
19	529
20	532
21	533
22	532
23	529
24	531
25	531
26	532
27	529
28	531
29	532
30	529
31	532

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 JANUARY 4, 1985
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: DECEMBER 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	8784	87934
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7844.0	76094.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	744.0	7831.1	75124.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1221212	12428374	118160232
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	411170	4129500	37903540
18. NET ELECTRICAL ENERGY GENERATED (MWH)	391995	3905956	35880839
19. UNIT SERVICE FACTOR	100.0	89.2	85.4
20. UNIT AVAILABILITY FACTOR	100.0	89.2	85.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	105.4	88.9	81.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	83.9	77.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.1
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

TEN YEAR OUTAGE IN AUGUST 1985.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER 1984

DOCKET NO. 50- 306
 UNIT NAME Prairie Island No. 2
 DATE January 4, 1985
 COMPLETED BY Dale Dugstad
 TELEPHONE 612-388-1121

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
84 12 16	S	0.0	B	9	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

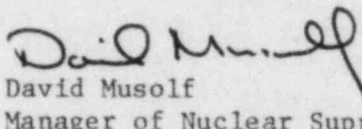
January 11, 1985

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
December, 1984

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


David Musolf
Manager of Nuclear Support Services

DMM/jk

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

Attachment

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