

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH: NOVEMBER 1985

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	526
2	529
3	526
4	529
5	531
6	530
7	532
8	528
9	527
10	481
11	525
12	531
13	529
14	529
15	530
16	530
17	531
18	528
19	528
20	530
21	528
22	528
23	531
24	529
25	530
26	529
27	528
28	531
29	530
30	529

AVERAGE LOADS ABOVE 503 MWE-NET ARE DUE
 TO COOLER CONDENSER CIRCULATING WATER

8602190171 851130
 PDR ADOCK 05000282
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OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: NOVEMBER 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: NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	THIS MONTH	YR-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	8016	104832
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6619.2	86613.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6590.6	85258.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1179610	10551557	134150815
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	399330	3497310	43789410
18. NET ELECTRICAL ENERGY GENERATED (MWH)	379804	3285243	41036061
19. UNIT SERVICE FACTOR	100.0	82.2	81.3
20. UNIT AVAILABILITY FACTOR	100.0	82.2	81.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.9	81.5	77.8
22. UNIT CAPACITY FACTOR (USING DER NET)	99.5	77.3	73.9
23. UNIT FORCED OUTAGE RATE	0.0	0.7	7.7
24. FORCED OUTAGE HOURS	0.0	43.6	7088.0
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

REWEELING OUTAGE IN MARCH 1986.

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

UNIT SHUTDOWNS AND POWER REDUCTION

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

MONTH: NOVEMBER 1985

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
85/11/10	S	0.0	B	5	N/A	TB	TURBIN
TURBINE VALVES TEST.							
85/11/22	S	0.0	B	5	N/A	N/A	N/A
AXIAL OFFSET TEST.							

TYPE	REASON	METHOD	SYSTEM CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984 (P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	COMPONENT CODE
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATOR ERROR		
	H-OTHER		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

MONTH: NOVEMBER 1985

ON THE FIRST AT 1905 THE UNIT RETURNED TO SERVICE FROM THE TEN YEAR REFUELING OUTAGE. ON THE TWENTY-FOURTH AT 0446 THE GENERATOR WAS TAKEN OFF-LINE (REACTOR AT HOT STANDBY) TO BALANCE THE LP2 ROTOR (LOW PRESSURE # 2). THE UNIT RETURNED TO SERVICE AT 1333. THERE WERE NO OTHER SHUTDOWNS.

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH: NOVEMBER 1985

DAY AVERAGE DAILY POWER LEVEL (MWE-NET)

1	-2
2	240
3	424
4	514
5	526
6	530
7	533
8	523
9	531
10	533
11	528
12	529
13	528
14	531
15	530
16	532
17	534
18	530
19	530
20	532
21	529
22	531
23	530
24	260
25	529
26	528
27	529
28	530
29	530
30	528

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

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: NOVEMBER 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: NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

THIS MONTH YB-IQ-DATE CUMULATIVE

11. HOURS IN REPORTING PERIOD	720	8016	95950
12. NUMBER OF HOURS REACTOR WAS CRITICAL	713.4	6664.6	82759.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	692.1	6643.2	81767.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1103071	10307742	128467974
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	370720	3415160	41318700
18. NET ELECTRICAL ENERGY GENERATED (MWH)	352360	3220284	39101123
19. UNIT SERVICE FACTOR	96.1	82.9	85.2
20. UNIT AVAILABILITY FACTOR	96.1	82.9	85.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.9	80.3	81.5
22. UNIT CAPACITY FACTOR (USING DER NET)	92.3	75.8	76.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.8
24. FORCED OUTAGE HOURS	0.0	0.0	3209.6
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 REDUCTION

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

MONTH: NOVEMBER 1985

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
85/09/06	S	19.1	C	4	N/A	RC	FUELXX
THE UNIT WAS OFF-LINE FOR THE TEN YEAR ISI AND REFUELING OUTAGE.							
85/11/12	S	0.0	B	4	N/A	N/A	N/A
AXIAL OFFSET TEST.							
85/11/24	S	8.8	B	5	N/A	TB	TURBIN
BALANCE TURBINE ROTOR LP2.							

TYPE	REASON	METHOD	SYSTEM CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	COMPONENT CODE
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATOR ERROR		
	H-OTHER		



Northern States Power Company

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Minneapolis, Minnesota 55401
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December 5, 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
November, 1985

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

David Musolf

David Musolf
Manager of Nuclear Support Services

DMM/EFE/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* 02/10/86

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NARRATIVE SUMMARY OF DEBATING EXPERIENCE

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

MONTH: NOVEMBER 1985

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.