

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE JUNE 2, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MAY 1988

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

THE CONTINUOUS OPERATING RUN IS AT 78 DAYS.

1024
1/1

AVERAGE_DAILY_UNIT_POWER_LEVEL

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO.1
 DATE JUNE 2, 1988
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH: MAY 1988

DAY	AVERAGE_DAILY_POWER_LEVEL_(MWE-NET)
1	506
2	500
3	505
4	491
5	495
6	498
7	497
8	459
9	495
10	502
11	499
12	496
13	504
14	493
15	498
16	503
17	502
18	500
19	497
20	495
21	494
22	493
23	496
24	489
25	495
26	491
27	492
28	490
29	490
30	488
31	488

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 JUNE 2, 1988
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MAY 1988
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	YB-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	3647	126743
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3565.4	106108.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	3561.8	104669.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1216672	5778930	164832854
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	392520	1920630	53994640
18. NET ELECTRICAL ENERGY GENERATED (MWH)	368178	1814906	50652571
19. UNIT SERVICE FACTOR	100.0	97.7	82.6
20. UNIT AVAILABILITY FACTOR	100.0	97.7	82.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.4	98.9	79.5
22. UNIT CAPACITY FACTOR (USING DER NET)	93.4	93.9	75.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	6.6
24. FORCED OUTAGE HOURS	0.0	0.0	7412.5
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

AUGUST 24, 1988

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 52-282
 UNIT NAME BEAIBIE ISLAND NO. 1
 DATE JUNE 2, 1988
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 425-388-1121

MONTH: MAY 1988

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
88/05/08	S	0.0	B	5	N/A	N/A	N/A
TURBINE VALVES TESTING							

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(P305-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. 50-304
UNIT PRAIRIE ISLAND NO. 2
DATE JUNE 2, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MAY 1988

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

CONTINUOUS OPERATING RUN OF 108 DAYS

AVERAGE_DAILY_UNIT_POWER_LEVEL

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO.2_
 DATE JUNE 2, 1988
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH:----MAY-----1988--

DAY	AVERAGE_DAILY_POWER_LEVEL_(MWE-NET)
1	507
2	503
3	507
4	492
5	496
6	502
7	501
8	500
9	501
10	485
11	523
12	501
13	507
14	505
15	452
16	505
17	506
18	501
19	499
20	500
21	497
22	499
23	502
24	494
25	498
26	495
27	494
28	492
29	493
30	493
31	494

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 JUNE 2, 1988
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MAY 1988
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	YR-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	3647	117861
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2748.7	102984.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	2729.2	101924.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1218063	4354270	160508825
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	393790	1424150	51923120
18. NET ELECTRICAL ENERGY GENERATED (MWH)	370642	1342844	49122237
19. UNIT SERVICE FACTOR	100.0	74.8	86.5
20. UNIT AVAILABILITY FACTOR	100.0	74.8	86.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.6	73.6	83.4
22. UNIT CAPACITY FACTOR (USING DER NET)	94.0	69.5	78.6
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.1
24. FORCED OUTAGE HOURS	0.0	1.1	3254.2
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 EBATIE ISLAND NO. 2
 DATE JUNE 2, 1988
 COMPLETED BY DALE DUGSIAD
 TELEPHONE 612-388-1121

MONTH: MAY 1988

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
88/05/15	S	000.0	B	5	N/A	N/A	N/A
TURBINE VALVES TESTING.							

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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Telephone (612) 330-5500

June 6, 1988

Prairie Island Technical Specification
Section 6.7.A.3

U S Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
MAY, 1988

Attached is the Monthly Operating Report for May, 1988 for the
Prairie Island Nuclear Generating Plant.

David Musolf
Manager of Nuclear Support Services

DMM/jk

c: Director Office of Resource Management
Regional Administrator-III, NRC
NER Project Manager, NRC
NRC Resident Inspector
MPCA
Attn: J W Ferman

Attachment

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