



Northern States Power Company

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July 11, 1989

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
June, 1989

Attached is the Monthly Operating Report for June, 1989 for the Prairie
Island Nuclear Generating Plant.

Thomas M Parker
Manager, Nuclear Support Services

TMP/jlk

c: Director Office of Resource Management
Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
MPCA

Attn: J W Ferman

Attachment

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PDR ADOCK 05000282
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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE JULY 3, 1989
COMPLETED BY DALE DUGSTAD
TELEPHONE 412-388-1121

MONTH: JUNE 1989

THE UNIT WAS BASE LOADED THIS MONTH WITH NO SHUTDOWNS.

JUNE 1ST ALLOWED THE UNIT TO INCREASE THE CIRC WATER SYSTEM BLOWDOWN.

THE SAFETY RELATED THEF50 CIRCUIT BREAKERS WERE REPLACED WITH TRACEABLE THEF'S FROM NON-SAFEGUARD SYSTEMS AND INSTALLED PLANT SPARES.

NO OTHER ITEMS TO REPORT.

CONTINUOUS OPERATING RUN OF 225 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE JULY 3, 1989
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH: JUNE 1989

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	501
2	505
3	503
4	508
5	500
6	504
7	500
8	507
9	508
10	507
11	505
12	501
13	508
14	506
15	510
16	511
17	513
18	509
19	508
20	507
21	508
22	511
23	502
24	508
25	505
26	506
27	504
28	498
29	504
30	505

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 JULY 3, 1989
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JUNE 1989 | NOTES: |
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	720	4343	136223
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4343.0	114721.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	4343.0	111253.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184893	7097886	178446100
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	387700	2356800	58492280
18. NET ELECTRICAL ENERGY GENERATED (MWH)	364140	2227199	54888253
19. UNIT SERVICE FACTOR	100.0	100.0	83.1
20. UNIT AVAILABILITY FACTOR	100.0	100.0	83.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.5	102.0	80.1
22. UNIT CAPACITY FACTOR (USING DER NET)	95.4	96.8	76.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	6.2
24. FORCED OUTAGE HOURS	9.0	0.0	7460.2
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):	NONE		

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-282
 UNIT NAME PRAIRIE ISLAND NO. 1
 DATE JULY 3, 1989
 COMPLETED BY DALE DUGSIAD
 TELEPHONE 612-388-1121

MONTH: JUNE 1989

DATE YY/MM/DD	IYEE	HOURS 000.0	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
89/06/28	S	0.0	B	5	N/A	N/A	N/A
REPLACE THEF50 CIRCUIT BRAKERS.							

IYEE	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-OPERATIONAL ERROR		
	H-OTHER		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE JULY 3, 1989
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: JUNE 1989

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

JUNE 1ST ALLOWED THE UNIT TO INCREASE THE CIRC WATER SYSTEM BLOWDOWN.

THE SAFETY RELATED THEF50 CIRCUIT BREAKERS WERE REPLACED WITH TRACEABLE THEF'S FROM NON-SAFEGUARD SYSTEMS AND INSTALLED PLANT SPARES.

NO OTHER ITEMS TO REPORT.
CONTINUOUS OPERATING RUN OF 034 DAYS

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE JULY 3, 1989
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH: JUNE 1989

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	508
2	502
3	506
4	509
5	503
6	504
7	503
8	506
9	511
10	508
11	506
12	503
13	510
14	507
15	510
16	511
17	512
18	509
19	509
20	508
21	510
22	509
23	504
24	506
25	507
26	505
27	506
28	503
29	505
30	507

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 JULY 3, 1989
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JUNE 1989 | NOTES: |
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-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	4343	127341
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3608.8	111658.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	3559.8	110528.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1186109	5544418	174294872
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	387330	1826090	56450220
18. NET ELECTRICAL ENERGY GENERATED (MWH)	364920	1723027	53393628
19. UNIT SERVICE FACTOR	100.0	82.0	86.8
20. UNIT AVAILABILITY FACTOR	100.0	82.0	86.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.4	79.3	83.9
22. UNIT CAPACITY FACTOR (USING DER NET)	95.6	74.9	79.1
23. UNIT FORCED OUTAGE RATE	0.0	0.6	3.0
24. FORCED OUTAGE HOURS	0.0	21.8	3368.6
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

NONE

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306_
 UNIT NAME BEAVER ISLAND NO. 2
 DATE JULY 3, 1982-----
 COMPLETED BY DALE DWESTAD
 TELEPHONE 612-388-1121

MONTH: JUNE-----1982-----

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
89/06/00	NONE.						

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-OPERATIONAL ERROR		
	H-OTHER		