



Northern States Power Company

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November 7, 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
October, 1989

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

Thomas M Parker
Manager
Nuclear Support Services

TMP/mkl

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

Attachment

8911200263 891107
PDR ADOCK 05000262
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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1.
DATE NOVEMBER 2, 1989
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: OCTOBER 1989

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

CONTINUOUS OPERATING RUN OF 101 DAYS.
NO OTHER ITEMS TO REPORT.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE NOVEMBER 2, 1989
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: OCTOBER 1989

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	519
2	519
3	524
4	521
5	522
6	522
7	521
8	523
9	522
10	521
11	522
12	520
13	520
14	520
15	521
16	522
17	523
18	523
19	523
20	519
21	199
22	487
23	522
24	522
25	523
26	523
27	524
28	519
29	521
30	524
31	526

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

OPERATING DATA REPORT

DOCKET NO. 50-287
 UNIT PRAIRIE ISLAND NO. 1
 DATE NOVEMBER 2, 1989
 COMPLETED BY DALE DULSTAD
 TELEPHONE 1-2-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: OCTOBER 1989
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-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745	7296	139176
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	7276.7	117655.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	745.0	7273.7	116184.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1199496	11886482	183234696
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	403500	3940510	60075990
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380090	3715519	56376573
19. UNIT SERVICE FACTOR	100.0	99.7	83.5
20. UNIT AVAILABILITY FACTOR	100.0	99.7	83.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.4	101.2	80.5
22. UNIT CAPACITY FACTOR (USING DER NET)	96.3	96.1	76.4
23. UNIT FORCED OUTAGE RATE	0.0	0.3	6.0
24. FORCED OUTAGE HOURS	0.0	22.3	7482.5
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

REVEELING OUTAGE ON JANUARY 10, 1990, 33 DAYS

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-282
 UNIT NAME EBAIBIE ISLAND NO. 1
 DATE NOVEMBER 2, 1982
 COMPLETED BY DALE DUGSIAD
 TELEPHONE 612-388-1121

MONTH: OCTOBER 1982

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
89/10/21	S	0.0	F	5	N/A	N/A	N/A
CONDENSER TUBE CLEANING, TURBINE VALVES TESTING, ADD OIL TO REACTOR COOLANT MOTORS.							

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		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

MONTH: OCTOBER 1989

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

CONTINUOUS OPERATING RUN OF 157 DAYS.
NO OTHER ITEMS TO REPORT.

AVERAGE_DAILY_UNIT_POWER_LEVEL

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

MONTH: OCTOBER 1989

DAY	AVERAGE_DAILY_POWER_LEVEL (MWE-NET)
1	516
2	514
3	521
4	517
5	525
6	515
7	192
8	251
9	517
10	517
11	519
12	517
13	518
14	520
15	522
16	523
17	523
18	524
19	523
20	531
21	515
22	523
23	522
24	522
25	523
26	522
27	524
28	521
29	521
30	525
31	526

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 NOVEMBER 2, 1989
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-368-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: OCTOBER 1989
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-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745	7296	130294
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6561.8	114611.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	745.0	6512.8	113481.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184026	10363832	179114286
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	396410	3410880	58035010
18. NET ELECTRICAL ENERGY GENERATED (MWH)	373710	3216157	54886758
19. UNIT SERVICE FACTOR	100.0	89.3	87.1
20. UNIT AVAILABILITY FACTOR	100.0	89.3	87.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.3	88.2	84.3
22. UNIT CAPACITY FACTOR (USING DER NET)	94.6	83.2	79.5
23. UNIT FORCED OUTAGE RATE	0.0	0.3	2.9
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 PRAIRIE ISLAND NO. 2
 DATE NOVEMBER 21 1989
 COMPLETED BY DALE DUGSIAD
 TELEPHONE 612-388-1121

MONTH: OCTOBER 1989

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LEG. NUMBER	SYSTEM	COMPONENT
89/10/07	S	0.0	B	5	N/A	N/A	N/A
CONDENSER TUBE CLEANING AND 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-OPERATIONAL ERROR		
	H-OTHER		