



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401-1327
Telephone (612) 330-5500

March 9, 1992

Prairie Island Technical Specifications
Section 6.7.A.3

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
30-306 DPR-60

Monthly Operating Report
February 1992

Attached is the Monthly Operating Report for February 1992 for the Prairie
Island Generating Plant.

Thomas M. Parker
Manager
Nuclear Support Service

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

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PDR ADJCK 03000282
R PDR

FE24.1

MARKET/VE SUMMARY & OPERATING EXPERIENCE

DOCKET NO. 50-306

UNIT PRARIE ISLAND #3,2

DATE MARCH 4, 1992

COMPLETED BY DALE CUGSTAS

TELEPHONE 612-388-1121-4376

MONTHLY SUMMARY, 1992

Unit Two was in shutdown operation for the first half of the month.

The refueling outage, cycle 14-15, started when the generator was taken off-line at 2026 of the 18th. The reactor went subcritical at 2234 of the same day.

A turbine overspeed test was conducted on the 18th.

At 2311 of the 20th, the unit experienced a loss of residual heat removal system. Refer to LER 92-02 for details.

CURRENT CONTINUOUS OPERATING R/W OF 415.3 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

WICKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE MARCH 4, 1992

COMPLETED BY DALE CUGSTAD

TELEPHONE 612-388-1121-437A

MONTH: FEBRUARY 1992

DAY AVERAGE DAILY POWER LEVEL (MWE-CT)

1	428
2	423
3	417
4	414
5	404
6	400
7	396
8	391
9	386
10	380
11	348
12	344
13	337
14	330
15	325
16	315
17	318
18	246
19	-10
20	-4
21	-1
22	-1
23	-1
24	-1
25	-1
26	-1
27	-1
28	-1
29	-1

AVERAGE LOADS ABOVE 500 MWE-NET ARE DUE
TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 59-324
 UNIT PRAIRIE ISLAND NO. 2
 DATE MARCH 4, 1992
 COMPLETED BY DALE DUBSTAR
 TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: "PRAIRIE ISLAND NO. 2"
2. REPORTING PERIOD: FEBRUARY 15
3. LICENSED THERMAL POWER (MW): 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	696	1440	150718
12. NUMBER OF TIMES REACTOR WAS CRITICAL	430.6	1174.6	133622.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	428.4	1172.4	132303.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	514582	1677850	209443997
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	169260	358930	68077520
18. NET ELECTRICAL ENERGY GENERATED (MWH)	157839	528247	64370142
19. UNIT SERVICE FACTOR	61.6	81.4	87.8
20. UNIT AVAILABILITY FACTOR	61.6	81.4	87.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	45.4	73.4	85.4
22. UNIT CAPACITY FACTOR (USING UCR NET)	42.8	69.2	80.6
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	3964.0
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

Maintenance & refueling outage February 12, 1992

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: March 10, 1992

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306
 UNIT NAME PRAIRIE ISLAND NO. 2
 DATE MARCH 4, 1992
 COMPLETED BY TALE DUSSTAD
 TELEPHONE 612-309-1121-4324

MONTH: FEBRUARY 1992

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
92/02/10	A	267.6	C	1	N/A	N/A	N/A
Refueling outage cycle 14 to 15.							

TYPE	REASON	METHOD	SYSTEM CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	BPFT IEEE STD
B-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	803-1984(F803-B5)
	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 839A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		