



Northern States Power Company

1717 Wakonade Drive East
Welch, MN 55089
Telephone 612-388-1121

July 3, 1996

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 Nos. 50-282 License Nos. DPR-42
50-306 DPR-60

Monthly Operating Report
June 1996

Attached is the Monthly Operating Report for June 1996 for the Prairie Island Nuclear Generating Plant.

Michael D Wadley
Plant Manager
Prairie Island Nuclear Generating Plant

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
State of Minnesota - Kris Sanda

Attachment

9607090027 960630
PDR ADOCK 05000282
R PDR

IC24
1/1

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JUNE 1996

Unit 1 was base loaded, this month. On the 29th at 1429 the Unit tripped because the transmission lines were damaged (knocked down) due to severe weather. Crews were sent out to repair the transmission system. A NUE was declared at 1505 due to plant conditions and terminated at 1035 on 6/30/1996. As a result of the event both reactor coolant pumps tripped and decay heat was removed by natural circulation cooling. Forced circulation cooling was restored at 1953 hours when 12 reactor coolant pump was started. Unit one's reactor was taken critical at 2301 of the 30th and is at Hot Standby waiting for the generator to be placed on-line. The plant was not able to put the generator on-line by the end of the month because of equipment problems.

This ended a continuous operating run of 117 days.

NRC MONTHLY REPORT

PRINTED 7/3/96

Page 2

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: JUNE 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
6/1/96	506
6/2/96	507
6/3/96	507
6/4/96	511
6/5/96	510
6/6/96	509
6/7/96	505
6/8/96	508
6/9/96	502
6/10/96	501
6/11/96	501
6/12/96	506
6/13/96	498
6/14/96	500
6/15/96	501
6/16/96	503
6/17/96	503
6/18/96	508
6/19/96	512
6/20/96	509
6/21/96	511
6/22/96	512
6/23/96	511
6/24/96	514
6/25/96	512
6/26/96	507
6/27/96	506
6/28/96	506
6/29/96	299
6/30/96	-13

AVERAGE LOADS ABOVE 513 MWE-NET ARE DUE TO COOLER CONDENSER CIRCULATING WATER

NRC MONTHLY REPORT

PRINTED 7/3/96

Page 3

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JUNE 1996
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): 545
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 513
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 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

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	720	4367	197591
12. NUMBER OF HOURS REACTOR CRITICAL	687.5	2964.4	169323.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	686.5	2939.4	167632.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1131712	4727077	265830560
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	369840	1566320	87690030
18. NET ELECTRICAL ENERGY GENERATED (MWH)	347333	1470393	82444698
19. UNIT SERVICE FACTOR	95.3	67.3	84.8
20. UNIT AVAILABILITY FACTOR	95.3	67.3	84.8
21. UNIT CAPACITY FACTOR (MDC NET)	94	65.6	82.8
22. UNIT CAPACITY FACTOR (DER NET)	91	63.5	78.7
23. UNIT FORCED OUTAGE RATE	4.7	1.1	4.6
24. FORCED OUTAGE HOURS	33.5	33.5	8159.4

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
N/A

26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:
July 1, 1996

NRC MONTHLY REPORT

PRINTED 7/3/96

Page 4

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 7/3/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/29/96	1	F	33.5	H	3			

NOTES: Unit tripped due to damaged transmission lines caused by strong winds.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		

DOCKET NO. 50-308
UNIT PRAIRIE ISLAND NO. 2

DATE 7/3/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 812-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JUNE 1996

Unit 2 was base loaded, this month. On the 29th at 1429 the Unit tripped because the transmission lines were damaged (knocked down) due to severe weather. Crews were sent out to repair the transmission system. A NUC was declared at 1505 due to plant conditions and terminated at 1035 on 6/30/96. As a result of the event, both reactor coolant pumps tripped and decay heat was removed by natural circulation cooling. Forced circulation cooling was restored at 2028 hours when 21 reactor coolant pump was restarted. Plant Operations determined to restore Unit 1 before attempting to restore Unit 2. As of the end of the month Unit 2 is still off-line.

This ended a continuous operating run of 70 days.

NRC MONTHLY REPORT

PRINTED 7/3/96

Page 6

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2

DATE 7/3/96

COMPLETED BY DALE DUGSTAD
TELEPHC NE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: JUNE 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
6/1/96	508
6/2/96	511
6/3/96	512
6/4/96	515
6/5/96	513
6/6/96	511
6/7/96	509
6/8/96	512
6/9/96	506
6/10/96	504
6/11/96	502
6/12/96	505
6/13/96	499
6/14/96	501
6/15/96	502
6/16/96	502
6/17/96	504
6/18/96	507
6/19/96	512
6/20/96	510
6/21/96	510
6/22/96	512
6/23/96	511
6/24/96	514
6/25/96	509
6/26/96	505
6/27/96	503
6/28/96	503
6/29/96	298
6/30/96	-11

DOCKET NO. 50-308
 UNIT PRAIRIE ISLAND NO. 2
 DATE 7/3/96
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JUNE 1996
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): 544
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 512
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 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

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	720	4387	188709
12. NUMBER OF HOURS REACTOR CRITICAL	686.5	4279.4	167088.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	686.5	4262.1	165651.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1130160	6976800	263769869
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	370180	2332430	86233740
18. NET ELECTRICAL ENERGY GENERATED (MWH)	347962	2205131	81530795
19. UNIT SERVICE FACTOR	95.3	97.6	87.8
20. UNIT AVAILABILITY FACTOR	95.3	97.6	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	94.4	98.6	86.1
22. UNIT CAPACITY FACTOR (DER NET)	91.2	95.3	81.5
23. UNIT FORCED OUTAGE RATE	4.7	2.4	2.4
24. FORCED OUTAGE HOURS	33.5	104.9	4089.6

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):

N/A

26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:

N/A

NRC MONTHLY REPORT

PRINTED 7/3/96

Page 8

DOCKET NO. 50-308

UNIT PRAIRIE ISLAND NO. 2

DATE 7/3/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
------	------	------	-------	--------	--------	------------	--------	-----------

6/29/96	2	F	33.5	H	3			
---------	---	---	------	---	---	--	--	--

NOTES: Unit tripped due to damaged transmission lines caused by strong winds.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
		9-OTHER	IEEE STD 803A-1983
	F-ADMINISTRATIVE		
	G-OPERATIONAL ERROR		
	H-OTHER		