



Northern States Power Company

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

July 8, 1997

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 1997

Attached is the Monthly Operating Report for June 1997 for the Prairie Island Nuclear Generating Plant.

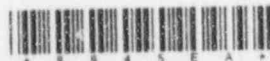
Joel P Sorensen
Plant Manager
Prairie Island Nuclear Generating Plant

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

Attachment

9707160144 970630
PDR ADOCK 05000282
R PDR

150086



11
Le24

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 7/8/97

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JUNE 1997

Unit 1 was base loaded this month.

On the 2nd, at 1110, the Unit tripped because control rod drive H8 stationary gripper coil cable had shorted to ground. After repairs were completed the reactor was taken critical at 2148 on the 16th and the generator was placed on-line at 0445 on the 17th. The Unit returned to full power operation at 0137 on the 18th.

There were no other shutdowns or power reductions.

CURRENT CONTINUOUS OPERATING RUN OF 13 DAYS

NRC MONTHLY REPORT

PRINTED 7/2/97

Page 2

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 7/2/97

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: JUNE 1997

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
6/1/97	501
6/2/97	221
6/3/97	-22
6/4/97	-22
6/5/97	-18
6/6/97	-13
6/7/97	-12
6/8/97	-11
6/9/97	-11
6/10/97	-11
6/11/97	-11
6/12/97	-11
6/13/97	-12
6/14/97	-23
6/15/97	-24
6/16/97	-22
6/17/97	135
6/18/97	503
6/19/97	505
6/20/97	511
6/21/97	498
6/22/97	499
6/23/97	498
6/24/97	498
6/25/97	500
6/26/97	500
6/27/97	499
6/28/97	499
6/29/97	502
6/30/97	499

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 7/2/97
 COMPLETED BY DALE
 DUGSTAD

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JUNE 1997
3. LICENSED THERMAL POWER (MWT): 1350
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-TQ-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	720	4343	206351
12. NUMBER OF HOURS REACTOR CRITICAL	373.4	3964.2	177704.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	366.4	3953.0	175974.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	584735	6460638	279514171
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	188830	2153960	92234570
18. NET ELECTRICAL ENERGY GENERATED (MWH)	171417	2033206	86745486
19. UNIT SERVICE FACTOR	50.9	91	85.3
20. UNIT AVAILABILITY FACTOR	50.9	91	85.3
21. UNIT CAPACITY FACTOR (MDC NET)	46.4	91.3	83.3
22. UNIT CAPACITY FACTOR (DER NET)	44.9	88.3	79.3
23. UNIT FORCED OUTAGE RATE	49.1	8.2	4.6
24. FORCED OUTAGE HOURS	353.6	353.6	8540.7

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

Refueling outage scheduled for October 18, 1997, approx. 50 days.

26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:

N/A

NRC MONTHLY REPORT

PRINTED 7/2/97

Page 4

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 7/2/97

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 1997

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/2/97	1	F	353.6	A	3	1-97-08	N/A	N/A
NOTES: Control rod drive cable shorted to ground.								

<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. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 7/2/97
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JUNE 1997

Unit 2 was base loaded for the month.

There were no shutdowns and only one short power reduction for feedwater control system work that occurred on the 25th.

CURRENT CONTINUOUS OPERATING RUN OF 43 DAYS

NRC MONTHLY REPORT

PRINTED 7/2/97

Page 6

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 7/2/97

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVELUNIT 2MONTH: JUNE 1997

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
6/1/97	511
6/2/97	511
6/3/97	517
6/4/97	513
6/5/97	514
6/6/97	514
6/7/97	514
6/8/97	513
6/9/97	515
6/10/97	512
6/11/97	507
6/12/97	512
6/13/97	509
6/14/97	509
6/15/97	509
6/16/97	512
6/17/97	516
6/18/97	513
6/19/97	513
6/20/97	513
6/21/97	510
6/22/97	507
6/23/97	505
6/24/97	504
6/25/97	506
6/26/97	508
6/27/97	507
6/28/97	508
6/29/97	509
6/30/97	508

AVERAGE LOADS ABOVE 512 MWE-NET ARE DUE TO COOLER CONDENSER CIRCULATING WATER

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

DATE 7/2/97

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 1997
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	4343	197469
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	2830.7	174323.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	720.0	2785.6	172829.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185019	4329806	275251915
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	390540	1438390	90073680
18. NET ELECTRICAL ENERGY GENERATED (MWH)	367677	1346411	85157185
19. UNIT SERVICE FACTOR	100	64.1	87.5
20. UNIT AVAILABILITY FACTOR	100	64.1	87.5
21. UNIT CAPACITY FACTOR (MDC NET)	99.7	60.6	85.9
22. UNIT CAPACITY FACTOR (DER NET)	96.4	58.5	81.4
23. UNIT FORCED OUTAGE RATE	0	17.7	2.7
24. FORCED OUTAGE HOURS	0.0	597.4	4711.3

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 7/2/97

Page 8

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 7/2/97

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 1997

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/25/97	2	S	0	B	5	N/A	N/A	N/A

NOTES: Feedwater Control Valve Controller work

<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		