

SEP 14 2004

L-PI-04-102
Technical Specification 5.6.4

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Prairie Island Nuclear Generating Plant Units 1 and 2
Dockets 50-282 and 50-306
License Nos. DPR-42 and DPR-60

Monthly Operating Report – August 2004

Attached is the Monthly Operating Report for August 2004 for the Prairie Island Nuclear Generating Plant.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.



Joseph M. Solymossy
Site Vice President, Prairie Island Nuclear Generating Plant Units 1 and 2
Nuclear Management Company, LLC

Enclosure (1)

cc: Regional Administrator, USNRC, Region III
Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR
NRC Resident Inspector, Prairie Island Nuclear Generating Plant
Glenn Wilson, State of Minnesota

ENCLOSURE 1

MONTHLY OPERATING REPORT – AUGUST 2004

6 pages follow

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 9/13/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: AUGUST 2004

During the month of August, Unit 1 was base loaded. Unit 1 commenced coastdown on 8/12/2004, in preparation for 1R23 outage starting in September. On 8/12/2004, load was 564 MWe. On 8/31/2004, load was 442 MWe. There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 499 DAYS

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

DATE 9/13/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: AUGUST 2004
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 536
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
- 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	744	5855	269207
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5855.0	234834.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	5855.0	232718.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1130820	9443522	371844706
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	386160	3223460	121902960
18. NET ELECTRICAL ENERGY GENERATED (MWH)	362405	3046505	114806593
19. UNIT SERVICE FACTOR	100.0	100.0	86.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.4
21. UNIT CAPACITY FACTOR (MDC NET)	93.3	99.7	83.9
22. UNIT CAPACITY FACTOR (DER NET)	90.9	97.1	80.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

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

DATE 9/13/2004

COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/12/2004	1	S	0	C	5	N/A	N/A	N/A

NOTES: Coast down in preparation for 1R23 outage in September.

<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 9/13/2004

COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: AUGUST 2004

During the month of August, Unit 2 was base loaded. On 8/29/2004, Unit 2 was down powered to 246 MWe in support of Surveillance Procedure 2054, Quarterly Turbine Stop, Governor & Intercept. Unit 2 returned to full power within 7 hours of Surveillance Procedure 2054 start. Unit 2 lost 874 MWe-hr. Event start, 00:14:52 CDT. Event end, 06:50:39 CDT. No other items to report.

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

DATE 9/13/2004

COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: AUGUST 2004
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 536
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
- 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	744	5855	260325
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5855.0	232079.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	5855.0	230325.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1221829	9608528	369088496
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414680	3289540	120115970
18. NET ELECTRICAL ENERGY GENERATED (MWH)	390821	3114905	113585779
19. UNIT SERVICE FACTOR	100.0	100.0	88.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.5
21. UNIT CAPACITY FACTOR (MDC NET)	100.6	101.9	86.2
22. UNIT CAPACITY FACTOR (DER NET)	98.0	99.3	82.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	6435.4

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

DATE 9/13/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/29/2004	2	S	0	B	5	N/A	N/A	N/A

NOTES: Perform SP 2054, Quarterly Turbine Stop, Governor & Intercept.

<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		