

OCT 13 2004

ENCLOSURE

L-PI-04-115

Technical Specification 5.6.4

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001


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 – September 2004

Attached is the Monthly Operating Report for September 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. Solymosy
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

TEZ4

[illegible]

MONTHLY OPERATING REPORT – SEPTEMBER 2004

25.000

Category	Item	Value	Unit	Notes
1. Personnel	Salaries	100.00	per month	
2. Materials	Supplies	50.00	per month	
3. Travel	Transportation	20.00	per month	
4. Miscellaneous	Postage	10.00	per month	
	Telephone	10.00	per month	
	Utilities	10.00	per month	
	Insurance	10.00	per month	
	Depreciation	10.00	per month	
	Interest	10.00	per month	
	Taxes	10.00	per month	
	Other	10.00	per month	
	Total	240.00	per month	

1. The Commission has received information from the Ministry of Health, the Ministry of Education, and the Ministry of Labour, that the Government is considering the possibility of establishing a new institution of higher learning, to be known as the "University of the Pacific." The Commission has been asked to express its views on this proposal.

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/11/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2004

On 9/09/2004, Unit 1 Reactor experienced a power reduction due to #33 Inverter trip. The inverter trip caused the four Moisture Separator Reheater supply valves to close resulting in Bank D control rods to step in 11 steps causing reactor power to decrease 7%. Approximately 2 1/2 hours later, Bank D control rods were stepped out to increase reactor power to previous levels. Reactor power was restored within 12 hours of the event occurrence. The resultant loss of generation was 258 MWe-hrs.

During part of the month of September, Unit 1 was base loaded. Unit 1 continued coast down in preparation for 1R23 outage. On 9/1/2004, load was 442 MWe. Unit 1 Generator was taken off line on 9/10/2004 at 20:31:10 CDT to begin 1R23 Outage. Outage ended a continuous run of 509 days.

NRC MONTHLY REPORT

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/6/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

OPERATING DATA REPORT

2004 10 12 10:05:41 10/12/2004 BY BGL/10/12/2004

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: SEPTEMBER 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	720	6575	269927
12. NUMBER OF HOURS REACTOR CRITICAL	236.7	6091.7	235071.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	236.5	6091.5	232954.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	289067	9732589	372133773
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	98200	3321660	122001160
18. NET ELECTRICAL ENERGY GENERATED (MWH)	88869	3135374	114895462
19. UNIT SERVICE FACTOR	32.8	92.6	86.3
20. UNIT AVAILABILITY FACTOR	32.8	92.6	86.3
21. UNIT CAPACITY FACTOR (MDC NET)	23.6	91.4	83.7
22. UNIT CAPACITY FACTOR (DER NET)	23.0	89.0	80.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/11/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/1/2004	1	S	0	C	5	N/A	N/A	N/A
NOTES: Coast down in preparation for 1R23 outage.								
9/9/2004	1	F	0	A	5	N/A	EE	INVT
NOTES: #33 INV trip, MSR supply valves closed, Reactor power decreased 7%.								
9/10/2004	1	S	483.5	C	2	N/A	N/A	N/A
NOTES: Unit 1 taken off line for start of 1R23 outage.								

TYPE	REASON	METHOD	SYSTEM CODE	COMPONENT CODE
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		
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983	
	G-OPERATIONAL ERROR			
	H-OTHER			

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2****DATE 10/11/2004****COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442****NARRATIVE SUMMARY OF OPERATING EXPERIENCE****MONTH: SEPTEMBER 2004**

During the month of September, Unit 2 was base loaded.

On 9/20/2004, Unit 2 experienced a power reduction due to work being done on a Station and Instrument Air pipe leak. Upon isolation of the air supply in support of the work activity, a heating steam control valve to the deaerator closed, opening up an air path from the deaerator vent back to Unit 2 Condenser. Condenser vacuum dropped, causing generator output to fall from 562 to 544 MWe. A plant operator re-aligned deaerator drains to the turbine building sump allowing condenser vacuum to quickly return to previous levels. Generator output was restored to previous levels within 1 hour 7 minutes of event start. Loss of generation was 9.5 MWe-hrs.

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

DATE 10/6/2004

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

OPERATING DATA REPORT

UNIT PRAIRIE ISLAND NO. 2

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: SEPTEMBER 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	720	6575	261045
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6575.0	232799.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	6575.0	231045.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185143	10793671	370273639
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	403110	3692650	120519080
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380792	3495697	113966571
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)	101.3	101.9	86.2
22. UNIT CAPACITY FACTOR (DER NET)	98.7	99.2	82.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	6435.4

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UNIT PRAIRIE ISLAND NO. 2

DATE 10/11/2004
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PHONE 651-388-1121-4442

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 200

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/20/2004	2	F	0	B	5	N/A	LF	HCV

NOTES: Power loss due to Unit 2 condenser vacuum loss-maintenance activity.

<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		