

# PRIORITY 1

ACCELERATED RIDS PROCESSING

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ACCESSION NBR: 9410190129      DOC. DATE: 94/09/30      NOTARIZED: NO      DOCKET # 05000410  
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha  
 AUTH. NAME      AUTHOR AFFILIATION  
 CAROCCIO, C.J.      Niagara Mohawk Power Corp.  
 DAHLBERG, K.A.      Niagara Mohawk Power Corp.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1994 for Nine Mile Point  
 Unit 2.W/941011 ltr.

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October 11, 1994  
NMP2L 1501

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

RE: Nine Mile Point Unit 2  
Docket No. 50-410  
NPF-69

Subject: Operating Statistics, Unit Shutdowns and Power Reductions for September 1994

Dear Sir:

Submitted herewith is the Report of Operating Statistics, the Unit Shutdowns and Power Reductions Summary, and a narrative report of Operational Experience for September 1994.

Very truly yours,

KADahlberg  
Kim A. Dahlberg  
Plant Manager - NMP2

KAD/CC/ac

Enclosures

pc: Thomas T. Martin, Regional Administrator, Region 1  
Barry S. Norris, Senior Resident Inspector

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**NIAGARA MOHAWK POWER CORPORATION**  
**NINE MILE POINT NUCLEAR STATION UNIT #2**  
**NARRATIVE OF OPERATING EXPERIENCE**

Nine Mile Point Unit Two operated with an availability factor of 100% and a capacity factor of 102.52% (MDC) during the month of September 1994.

On September 24, 1994 at 2217 hrs., reactor core thermal power was reduced to 92% for performance of weekly Technical Specification required turbine stop and control valve testing. On September 25, 1994 at 0318 hrs., after completion of this surveillance; reactor core thermal power was further reduced to 55% to facilitate feedwater pump swap. Feedwater pump 2FWS-P1C was secured and 2FWS-P1B was placed in service. Reactor core thermal power was returned to 100% at 1100 hrs.

Other sources of electrical output restrictions include reductions for Technical Specification required weekly turbine stop and control valve testing, condenser tube side fouling, increased circulating water inlet temperature above design (ambient, uncontrolled restrictions), and suspected feedwater flow venturi fouling.

There were no challenges to the safety relief valves during this period.



# OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 10/05/94

PREPARED BY: C.J. Caroccio

TELEPHONE: (315) 349-4615

## OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #2
2. Reporting Period: SEPTEMBER 1994
3. Licensed Thermal Power (MWe): 3323
4. Nameplate Rating (Gross MWe): 1214
5. Design Electrical Rating (Net MWe): 1062
6. Maximum Dependable Capacity (Gross MWe): 1056
7. Maximum Dependable Capacity (Net MWe): 994
8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons: None

Items 21 and 22 Cum. are weighted values.

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	720.00	6,551.00	56,880.00
12. Number of Hours Reactor Was Critical	720.00	6,337.58	39,323.74
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	720.00	6,276.25	37,457.51
15. Unit Reserve Shutdown Hours	0.00	12.98	12.98
16. Gross Thermal Energy Generated (MWH)	2,378,122.56	20,619,226.01	116,832,226.64
17. Gross Electrical Energy Generated (MWH)	778,932.72	6,771,333.05	38,616,771.40
18. Net Electrical Energy Gen. (MWH)	733,725.68	6,378,141.49	36,300,557.91
19. Unit Service Factor	100.00%	95.81%	65.85%
20. Unit Availability Factor	100.00%	96.00%	65.88%
21. Unit Capacity Factor (Using MDC Net)	102.52%	97.95%	61.30%
22. Unit Capacity Factor (Using DER Net)	95.96%	91.68%	59.55%
23. Unit Forced Outage Rate	0.00%	4.00%	16.33%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):

None

25. If Shut Down At End of Report Period, Estimated Date of Startup: N/A

26. Unit in Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

05/23/87

INITIAL ELECTRICITY

08/08/87

COMMERCIAL OPERATION

04/05/88





## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 10/05/94

REPORT MONTH - SEPTEMBER 1994

PREPARED BY: C.J. Caroccio

TELEPHONE: (315) 349-4615

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
9407	940925	S	0	B	4	N/A	N/A	N/A	Reduced Reactor Power to Swap Feedwater Pumps

1

F: Forced  
S: Scheduled

2

Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Exam  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

3

Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

4

Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-0161)

5

Exhibit I-Same Source



APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410  
UNIT: NMP2  
DATE: 10/05/94  
PREPARED BY: C.J. Caroccio  
TELEPHONE: (315) 349-4615

MONTH SEPTEMBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1029	17	1008
2	1033	18	1030
3	1027	19	1029
4	1031	20	1026
5	1031	21	1024
6	1021	22	1023
7	1026	23	1026
8	999	24	1021
9	1020	25	877
10	1029	26	1017
11	1031	27	1022
12	1024	28	1030
13	1013	29	1031
14	1020	30	1035
15	1025		
16	1013		

