

# CATEGORY 1

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ACCESSION NBR: 9810220244      DOC. DATE: ~~98/09/30~~ NOTARIZED: NO      DOCKET #  
FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha      05000410  
AUTH. NAME      AUTHOR AFFILIATION  
CAROCCIO, C.      Niagara Mohawk Power Corp.  
PALEOLOGOS, N.C.      Niagara Mohawk Power Corp.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1998 for Nine Mile Point,  
Unit 2. With 981008 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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October 8, 1998  
NMP2L 1829

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: Monthly Operating Statistics for September 1998

Dear Sir:

Submitted herewith is the Operating Data Report, the Unit Shutdowns and Power Reductions, Narrative of Operating Experience, and Average Daily Unit Power Level for September 1998.

Very truly yours,

*Nick Paleologos*

N. C. Paleologos  
Plant Manager - Unit 2

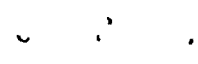
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Enclosures

pc: H.J. Miller, Regional Administrator, Region 1  
B.S. Norris, Senior Resident Inspector

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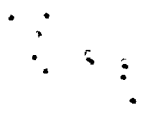


**NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT NUCLEAR STATION UNIT #2  
NARRATIVE OF OPERATING EXPERIENCE**

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 100.88% and an availability factor of 100.00% for the month of September 1998.

On September 25, 1998 at 2204 hours, Nine Mile Point Unit Two commenced lowering core thermal power to approximately 55% of rated to perform a feedwater pump swap. The down power also included a control rod sequence exchange and control rod scram time testing. The unit returned to 100% of rated core thermal power on September 27, 1998 at 1538 hours.

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



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OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 981001

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: SEPTEMBER 1998
- 3. Licensed Thermal Power (MW): 3467
- 4. Nameplate Rating (Gross MWe): 1259
- 5. Design Electrical Rating (Net MWe): 1143
- 6. Maximum Dependable Capacity (Gross MWe): 1169.67
- 7. Maximum Dependable Capacity (Net MWe): 1105.44
- 8. If Changes Occur in Capacity Ratings (Items Number 3 through 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.

Items 21 and 22 Cum. are weighted values.

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	720.00	6,551.00	91,944.00
12. Number of Hours Reactor was Critical	720.00	5,079.38	69,761.51
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	720.00	5,006.90	67,374.02
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,461,938.00	16,092,264.79	215,866,143.48
17. Gross Electrical Energy Generated (MWH)	848,716.08	5,513,358.78	72,511,109.99
18. Net Electrical Energy Gen. (MWH)	802,934.03	5,204,341.32	68,312,845.02
19. Unit Service Factor	100.00%	76.43%	73.28%
20. Unit Availability Factor	100.00%	76.43%	73.29%
21. Unit Capacity Factor (Using MDC Net)	100.88%	71.87%	69.85%
22. Unit Capacity Factor (Using DER Net)	97.57%	69.50%	67.62%
23. Unit Forced Outage Rate	0.00%	0.00%	11.84%
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:			
26. Unit in Test Status (Prior to Commercial Operation):			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY		05/23/87
INITIAL ELECTRICITY		08/08/87
COMMERCIAL OPERATION		04/05/88



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APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410  
UNIT: NMP2  
DATE: 981001  
PREPARED BY: C. Caroccio  
TELEPHONE: (315) 349-4615

MONTH SEPTEMBER 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1133	17	1136
2	1131	18	1133
3	1133	19	1126
4	1133	20	1123
5	1113	21	1122
6	1121	22	1136
7	1129	23	1140
8	1135	24	1138
9	1135	25	1125
10	1135	26	739
11	1129	27	1066
12	1127	28	1132
13	1135	29	1138
14	1129	30	1133
15	1120		
16	1132		

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 981001

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

REPORT MONTH - SEPTEMBER 1998

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reasons <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
			NONE						

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit I-Same Source



11/11/11

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