

CATEGORY 1

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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 Oct 1998 for Nine Mile Point, Unit
2. With 981112 ltr.

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November 12, 1998
NMP2L 1835

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 October 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 October 1998.

Very truly yours,

Nick Paleologos

N. C. Paleologos
Plant Manager - Unit 2

/db

000006

Enclosures

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

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R PDR

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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 100.05% and an availability factor of 100.00% for the month of October 1998.

On October 2, 1998 Nine Mile Point Unit Two reduced core thermal power to approximately 90%, when the fourth point feedwater heater drain pump, 2HDL-P1C, tripped on motor electrical fault. Investigation concluded that the motor would have to be removed and sent to a vendor for repairs. The motor has been sent to a vendor for repairs with an estimated turn-around time of six weeks. The feedwater heater drain pump, 2HDL-P1C, is scheduled to be back in service November 29, 1998. The unit was returned to approximately 100% on October 8, 1998, after flows were redirected and balanced between the feedwater heaters.

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: 981103

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: OCTOBER 1998
- 3. Licensed Thermal Power (MWt): 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	745.00	7,296.00	92,689.00
12. Number of Hours Reactor was Critical	745.00	5,824.38	70,506.51
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	745.00	5,751.90	68,119.02
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,527,539.82	18,619,804.61	218,393,683.30
17. Gross Electrical Energy Generated (MWH)	870,726.73	6,384,085.51	73,381,836.72
18. Net Electrical Energy Gen. (MWH)	823,995.28	6,028,336.60	69,136,840.30
19. Unit Service Factor	100.00%	78.84%	73.49%
20. Unit Availability Factor	100.00%	78.84%	73.51%
21. Unit Capacity Factor (Using MDC Net)	100.05%	74.74%	70.09%
22. Unit Capacity Factor (Using DER Net)	96.77%	72.29%	67.86%
23. Unit Forced Outage Rate	0.00%	0.00%	11.72%
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):			

Forecast Achieved

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: 981103
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

MONTH OCTOBER 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1134	17	1127
2	1032	18	1118
3	1014	19	1125
4	1022	20	1128
5	1022	21	1132
6	1023	22	1132
7	1000	23	1129
8	1117	24	1123
9	1127	25	1127
10	1126	26	1130
11	1124	27	1127
12	1129	28	1126
13	1126	29	1111
14	1131	30	1132
15	1130	31	1133
16	1130		



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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 981103

REPORT MONTH - OCTOBER 1998

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

No.	Date	Type ¹	Duration (Hours)	Reasons ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
			NONE						

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)

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

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

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Exhibit I-Same Source



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