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 CAROCCIO, C. Niagara Mohawk Power Corp.
 DAHLBERG, K.A. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1997 for Nine Mile Point, Unit
2.W/971114 ltr.

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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093

November 14, 1997
NMP2L 1736

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 October 1997

Dear Sir:

Submitted herewith is the Report of Operating Statistics, the Unit Shutdown and Power Reductions Summary, and a Narrative Report of Operational Experience for October 1997.

Very truly yours,

K. A. Dahlberg
Plant Manager - Unit 2

/ct

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 of 95.93% MDC and an availability factor of 100.00% for the month of October 1997.

Nine Mile Point Unit Two remains restricted to 95% core thermal power due to removing both "A" and "B" MSR's from service in June, 1997. (See June 1997 narrative)

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 11/07/97

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: OCTOBER 1997
- 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): 95% (Approx. 1086)
- 10. Reasons For Restrictions, If Any: Unit running with both "A" and "B" Moisture Separator Reheaters out-of-service.

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	83,929.00
12. Number of Hours Reactor was Critical	745.00	7,044.18	63,343.23
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	745.00	6,970.02	61,056.60
15. Unit Reserve Shutdown Hours	0.00	0:00	12.98
16. Gross Thermal Energy Generated (MWH)	2,450,313.02	23,142,212.25	195,557,897.81
17. Gross Electrical Energy Generated (MWH)	836,933.60	7,952,306.40	65,551,737.77
18. Net Electrical Energy Gen. (MWH)	790,033.32	7,514,149.11	61,744,658.01
19. Unit Service Factor	100.00%	95.53%	72.75%
20. Unit Availability Factor	100.00%	95.53%	72.76%
21. Unit Capacity Factor (Using MDC Net)	95.93%	93.17%	69.44%
22. Unit Capacity Factor (Using DER Net)	92.78%	90.10%	67.24%
23. Unit Forced Outage Rate	0.00%	2.04%	12.16%
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



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 11/07/97
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

MONTH OCTOBER 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1063	17	1064
2	1064	18	1063
3	1063	19	1063
4	1055	20	1061
5	1053	21	1064
6	1051	22	1065
7	1056	23	1066
8	1053	24	1065
9	1046	25	1066
10	1053	26	1067
11	1062	27	1064
12	1060	28	1068
13	1054	29	1066
14	1056	30	1066
15	1059	31	1055
16	1062		



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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 11/04/97

REPORT MONTH - OCTOBER 1997

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)

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



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