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DAHLBERG,K.A. Niagara Mohawk Power Corp.
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SUBJECT: Monthly operating rept for July 1997 for NMP W/970814 ltr.

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MR

NIAGARA MOHAWK

NINE MILE POINT—UNIT 2/P.O. BOX 63, LYCOMING, NY 13093/TELEPHONE (315) 343-2110

August 14, 1997
NMP2L 1721

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 July 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 July 1997.

Very truly yours,

K A Dahlberg

K. A. Dahlberg
Plant Manager - Unit 2

/ct

Enclosures

IE24

220037

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

OPERATING DATA REPORT

DOCKET NO.: 50-410
DATE: 08/07/97
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

OPERATING STATUS

Items 21 and 22 Cum. are weighted values.

1.Unit Name: Nine Mile Point Unit #2
2.Reporting Period: JULY 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 Moisture Separator Reheaters out-of-service.

	This Month	Yr-to-Date	Cumulative
11.Hours in Reporting Period	744.00	5,087.00	81,720.00
12.Number of Hours Reactor was Critical	744.00	4,951.55	61,250.60
13.Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14.Hours Generator On-Line	744.00	4,906.17	58,992.75
15.Unit Reserve Shutdown Hours	0.00	0.00	12.98
16.Gross Thermal Energy Generated (MWH)	2,401,547.04	16,452,149.37	188,867,834.93
17.Gross Electrical Energy Generated (MWH)	811,307.04	5,681,189.63	63,280,621.00
18.Net Electrical Energy Gen. (MWH)	765,007.91	5,371,873.54	59,602,382.43
19.Unit Service Factor	100.00%	96.45%	72.19%
20.Unit Availability Factor	100.00%	96.45%	72.20%
21.Unit Capacity Factor (Using MDC Net)	93.02%	95.53%	68.94%
22.Unit Capacity Factor (Using DER Net)	89.96%	92.39%	66.76%
23.Unit Forced Outage Rate	0.00%	0.00%	11.96%

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:	08/07/97
PREPARED BY:	C. Caroccio
TELEPHONE:	(315) 349-4615

MONTH JULY 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1047	17	1040
2	1044	18	1043
3	1045	19	621
4	1055	20	872
5	1058	21	1054
6	1055	22	1052
7	1035	23	1051
8	1037	24	1052
9	1048	25	1053
10	1051	26	1048
11	1053	27	1043
12	1052	28	1044
13	1045	29	1053
14	1042	30	1053
15	1037	31	1048
16	1044		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH - JULY 1997

DOCKET NO: 50-410
UNIT NAME: NMP#2
DATE: 08/07/97
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
97-07	970708	F	0	A	4	N/A	CWS	2CWS-P1A	Reactor Core Thermal Power reduced to 80% to remove circulating water pump "A" from service to repair condenser tube leak.
97-08	970718	S	0	B	4	N/A	FWS	2FWS-P1C	Reactor Core Thermal Power reduced to 55% for feedwater pump swap.

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

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 93.02% MDC and an availability factor of 100.00% for the month of July 1997.

Nine Mile Point Unit Two remained restricted to 95% core thermal power for the month of July 1997 due to removing the MSRs from service in June of 1997. (See June 1997 narrative)

On July 7, 1997 at 2100 hours, Nine Mile Point Unit Two reduced core thermal power to 80% to remove circulating water pump 2CWS-P1A from service. Once this was accomplished, maintenance crews entered the "A" condenser water box to locate and repair a leaking condenser tube. The tube was plugged and core thermal power returned to 95% on July 8, 1997 at 0300 hours.

On July 18, 1997 at 2300 hours, Nine Mile Point Unit Two reduced core thermal power to 55% to facilitate a feedwater pump swap. "B" feedwater pump was secured and "A" feedwater pump was placed in service. Core thermal power was returned to 95% on July 21, 1997 at 0012 hours.

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