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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 June 1997 for NMP-2.W/970714 ltr.

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MR

NIAGARA MOHAWK
GENERATION
BUSINESS GROUP

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

July 14, 1997
NMP2L 1716

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 June 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 June 1997.

Very truly yours,

K A Dahlberg

K. A. Dahlberg
Plant Manager - Unit 2

1/1

IE24

/ct

Enclosures

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

OPERATING DATA REPORT

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

OPERATING STATUS

1.Unit Name: Nine Mile Point Unit #2
2.Reporting Period: JUNE 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. 1147)
10.Reasons For Restrictions, If Any: Unit running with Moisture Separator Reheaters out-of-service (See Narrative)

Items 21 and 22 Cum. are weighted values.

	This Month	Yr-to-Date	Cumulative
11.Hours in Reporting Period	720.00	4,343.00	80,976.00
12.Number of Hours Reactor was Critical	584.55	4,207.55	60,506.60
13.Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14.Hours Generator On-Line	518.87	4,141.87	58,228.45
15.Unit Reserve Shutdown Hours	0.00	0.00	12.98
16.Gross Thermal Energy Generated (MWH)	1,666,079.04	14,050,602.33	186,466,287.89
17.Gross Electrical Energy Generated (MWH)	556,387.68	4,869,882.59	62,469,313.96
18.Net Electrical Energy Gen. (MWH)	523,597.52	4,606,895.67	58,837,404.57
19.Unit Service Factor	72.07%	95.37%	71.91%
20.Unit Availability Factor	72.07%	95.37%	71.92%
21.Unit Capacity Factor (Using MDC Net)	65.79%	95.96%	68.72%
22.Unit Capacity Factor (Using DER Net)	63.62%	92.81%	66.55%
23.Unit Forced Outage Rate	0.00%	0.00%	12.10%

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

MONTH JUNE 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	407	17	1054
2	0	18	1052
3	0	19	1055
4	0	20	1048
5	0	21	1037
6	0	22	1045
7	0	23	1051
8	0	24	1049
9	160	25	1036
10	531	26	1047
11	884	27	1055
12	1036	28	1053
13	1054	29	1050
14	1062	30	1044
15	1060		
16	1050		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH - JUNE 1997

DOCKET NO: 50-410
UNIT NAME: NMP#2
DATE: 07/07/97
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
97-05 (Cont.)	970601	S	0	B	4	NA	MSS		Reactor Core Thermal Power reduced to 55% to investigate Moisture Separator Reheater Level problems.
97-06	970601	S	180.8	H	2	NA	MSS	2MSS-E1B	Internal investigation of MSR, repairs next refuel outage, operate with Moisture Separator Reheaters out-of-service, restricted to ≤ 95% power.

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 65.79% MDC and an availability factor of 72.07% for the month of June 1997.

At the beginning of this report period Nine Mile Point Unit Two was operating at 55% core thermal power to facilitate an inspection of the Moisture Separator Reheaters (MSRs). Indications had lead to the belief that there was some failure of the pass partition plate in the "B" MSR. Thermocouples were mounted on the tube side manway heads of both the "A" and "B" MSRs for monitoring a number of parameters while the MSRs were briefly placed back in service in order to validate or disprove the theory. The data collected from the MSRs was inconclusive. The decision was then made to shutdown the unit for an internal inspection of the MSRs. On June 1, 1997 at 0530 hours, Nine Mile Point Unit Two began an orderly shutdown of the unit. On June 2, 1997, the mode switch was placed in shutdown at 0046 hours. The internal inspection of the "B" MSR revealed a catastrophic failure (approximately 90% weld failure) of the pass partition plate. Since the repairs of the pass partition plate could not be made without extensive unit downtime, the decision was made to evaluate operating without the reheating portion of the MSRs in service. Engineering had evaluated equipment and system design and concluded that it was acceptable to operate the unit at 95% core thermal power with the reheat out-of-service. On June 7, 1997 at 0630 hours, Nine Mile Point Unit Two started power ascension to 95% core thermal power. On June 12, 1997 at 1600 hours, Nine Mile Point Unit Two achieved 95% core thermal power and remained at approximately this level for the balance of the month.

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