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

SUBJECT: Monthly operating rept for June 1995 for Nine Mile Point Unit 2.W/950717 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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NIAGARA MOHAWK

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

July 17, 1995
NMP2L 1561

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 1995

Dear Sir:

Submitted herewith is the Report of Operating Statistics, the Unit Shutdowns and Power Reductions Summary, and a Narrative Report of Operational Experience for June 1995.

Also submitted is the corrected Narrative of Operating Experience for April, 1995. Specifically, the Refueling Outage start time as reported was incorrect.

Very truly yours,

K A Dahlberg

Kim A. Dahlberg
Plant Manager - NMP2

CC/sab
Enclosures
pc: Thomas T. Martin, Regional Administrator, Region 1
Barry S. Norris, Senior Resident Inspector

IE24
1/1

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #2

NARRATIVE OF OPERATING EXPERIENCE

During the month of June 1995, Nine Mile Point Unit Two operated with a capacity factor of 71.42% and an availability factor of 82.97%.

Nine Mile Point Unit Two officially ended Refuel Outage RF04 on June 2, 1995 at 0438 hours. During power ascension from RF04, Nine Mile Point Unit Two experienced high turbine bearing vibration in connection with the startup of new low pressure turbine rotors. The turbine vendor indicated that vibration resulting from "packing rub" is expected and not unusual following maintenance of the type performed during the refuel outage. The low pressure turbine rotors had been replaced with a new "monoblock" design during the refueling outage. Multiple turbine starts were performed to "rub in" the packings until vibration subsided and the power ascension program was started on June 3, 1995 at 1654 hours.

On June 5, 1995 at 2253 hours, while operating at 77% of rated thermal power, Nine Mile Point Unit Two initiated a manual scram in response to a generator runback caused by high temperature in the Generator Stator Cooling Water System. The immediate cause of the event was an inappropriate reduction in the cooling water flow to the stator water heat exchanger. The root cause of the flow reduction was inadequate performance and coordination of a design review which resulted in the failure to identify incorrect information used in a design change (refer to LER 95-07).

On June 8, 1995 at 1757 hours, Nine Mile Point Unit Two's main turbine was removed from service due to high vibrations caused by packing rubs. The turbine was allowed to cool down before restarting and synchronizing to the grid at 2304 hours, continuing with power ascension.

On June 23,1995, Nine Mile Point Unit Two experienced Control Valve oscillations restricting power ascension to approximately 98.7% of rated thermal power. The plant remained at this power level for the remainder of the month while plans were being developed to correct the Control Valve problem.

Other causes of capacity losses during the month of June 1995 include: power ramp up from Refueling Outage RF04, scheduled testing of control and stop valves, and increased ambient restrictions (high inlet circulating water temperature).

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

OPERATING DATA REPORT

DOCKET NO.: 50-410
DATE: 07/10/95
PREPARED BY: C.J. Caroccio
TELEPHONE: (315) 349-4615

OPERATING STATUS

1.Unit Name: Nine Mile Point Unit #2
2.Reporting Period: JUNE 1995
3.Licensed Thermal Power (MWt): 3467
4.Nameplate Rating (Gross MWe): 1214
5.Design Electrical Rating (Net MWe): 1207
6.Maximum Dependable Capacity (Gross MWe): 1182.9
7.Maximum Dependable Capacity (Net MWe): 1118.9
8.If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reason:
Items 6 & 7 calculated monthly until new "uprated" value is established.

Items 21 and 22 Cum. are weighted values.

9.Power Level To Which Restricted, If Any (Net Mwe): approximately 98.7% CTP

10.Reasons For Restrictions, If Any: #4 Turbine Control Valve oscillations above 98.7% CTP

	This Month	Yr-to-Date	Cumulative
11.Hours in Reporting Period	720.00	4,343.00	63,432.00
12.Number of Hours Reactor was Critical	658.18	2,897.73	44,258.13
13.Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14.Hours Generator On-Line	597.41	2,738.68	42,163.54
15.Unit Reserve Shutdown Hours	0.00	0.00	12.98
16.Gross Thermal Energy Generated (MWH)	1,832,845.44	8,638,425.46	131,827,404.82
17.Gross Electrical Energy Generated (MWH)	612,065.52	2,879,929.37	43,596,771.52
18.Net Electrical Energy Gen. (MWH)	575,400.19	2,710,462.80	40,988,789.50
19.Unit Service Factor	82.97%	63.06%	66.47%
20.Unit Availability Factor	82.97%	63.06%	66.49%
21.Unit Capacity Factor (Using MDC Net)	71.42%	61.51%	62.30%
22.Unit Capacity Factor (Using DER Net)	66.21%	57.47%	60.29%
23.Unit Forced Outage Rate	13.58%	9.28%	15.66%

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: 07/10/95
PREPARED BY: C.J. Caroccio
TELEPHONE: (315) 349-4615

MONTH JUNE 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1095
2	77	18	1106
3	112	19	1076
4	256	20	1099
5	647	21	1099
6	0	22	1113
7	0	23	1113
8	21	24	1113
9	524	25	1112
10	849	26	1108
11	977	27	1111
12	1035	28	1116
13	1060	29	1112
14	1037	30	1109
15	1029		
16	1014		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH - JUNE 1995

DOCKET NO: 50-410
UNIT NAME: NMP#2
DATE: 07/10/95
PREPARED BY: C.J. 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
9509 (cont'd)	950601	S	28.6	C	2	N/A	N/A	N/A	Continuation of scheduled shutdown for Refueling Outage (RF04).
9510	950602	F	22.6	H	4	N/A	TMS	2TMS-T2A,B,C	The main turbine was manually tripped off line. The cause was identified as turbine bearing vibration in new low pressure turbine rotors. Corrective actions included the development of a special test procedure for bringing the turbine on line during subsequent startups.
9511	950605	F	66.2	F	2	95-07	GMC	GMCE1 A&B	The reactor was manually scrammed. The cause was high temperature in the Generator Stator Cooling Water System (see Narrative page). Corrective actions included correction of design documents, appropriate field adjustments and calibrations, revision of design procedure and re-emphasizing management expectations of design reviews.
9512	950608	F	5.1	H	4	N/A	TMS	2TMS-T2A,B,B	Cause and Corrective Actions same as Event #9510 (see Narrative page).

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 an availability factor of 23.32% and a capacity factor of 20.92% (MDC) for the month of April 1995.

Nine Mile Point Unit Two shutdown April 8, 1995 at 0040 hours to begin the fourth (4th) Refueling Outage. The unit remained shutdown at the end of the report period.

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