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SAUNDERSON,R. Niagara Mohawk Power Corp.
WILLIS,J.L. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for ~~Apr 1990~~ for Nine Mile Point Nuclear Station Unit 2.W/900514 ltr.

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NIAGARA MOHAWK

NMP55591

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

May 14, 1990

U.S. Nuclear Regulatory Commission
Document and Control Desk
Washington, D.C. 20555

SUBJECT: Operating Statistics & Shutdown-April 1990
Docket No. 50-410
NINE MILE POINT UNIT 2

Dear Sir:

Submitted herewith is the Report of Operating Statistics and Shutdown for April 1990 for the Nine Mile Point Nuclear Station Unit 2.

Also included is a narrative report of Operation Experience for April 1990.

Very truly yours,

James L. Willis
General Superintendent

JLW/psc
Enclosures

xc: Regional Administrator, Region 1
W. A. Cook, Resident Inspector

Cert No P306 1nn501

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1/1

OPERATING DATA REPORT

DOCKET NO. 50-410
DATE 5/7/90
COMPLETED BY R. Saunderson
TELEPHONE 315-349-2696

plus ltr 5/7/90

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit 2
2. Reporting Period: April 1 - 30, 1990
3. Licensed Thermal Power (MWt): 3323
4. Nameplate Rating (Gross MWe): 1214
5. Design Electrical Rating (Net MWe): 1091
6. Maximum Dependable Capacity (Gross MWe): 1136.5
7. Maximum Dependable Capacity (Net MWe): 1075.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 6 & 7 recalculated monthly when operating at greater than or equal to 80% licensed core thermal power.
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

Notes (1) Item 21 YTD based on YTD NMDC 1077.3

(2) Item 21 cumm not avail; Cumm NMDC not deter.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2879	18144
12. Number Of Hours Reactor Was Critical	719	2046.5	10235
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	719	1979.5	9608.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2326333.2	6110356.58	28492409.3
17. Gross Electrical Energy Generated (MWH)	785327	2057247	9411272
18. Net Electrical Energy Generated (MWH)	741055	1912845	8661870
19. Unit Service Factor	100	68.76	52.96
20. Unit Availability Factor	100	68.76	52.96
21. Unit Capacity Factor (Using MDC Net)	95.87	61.7 (1)	N/A (2)
22. Unit Capacity Factor (Using DER Net)	94.47	60.9	43.76
23. Unit Forced Outage Rate	0	31.24	29.06

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refuel, 8/17/90, 13 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		5-23-87
INITIAL ELECTRICITY		8-8-87
COMMERCIAL OPERATION		4-5-88

(9/77)

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-410
UNIT NMP2
DATE 5/4/90
COMPLETED BY R. Saunderson
TELEPHONE 315-349-2696

Rev 5/7/90

MONTH April 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1041	17	1065
2	1059	18	1069
3	1067	19	1066
4	1070	20	1052
5	1068	21	948
6	1041	22	1019
7	875	23	1059
8	937	24	1053
9	1026	25	1043
10	1030	26	1037
11	1067	27	1011
12	1067	28	891
13	1038	29	1002
14	1038	30	1049
15	1066	31	-----
16	1067		

INSTRUCTIONS

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1990

DOCKET NO. 50-410
UNIT NAME NMP2
DATE 5/4/90
COMPLETED BY R. Saunderson
TELEPHONE 315-349-2696

No.	Date	Type[1]	Duration (Hours)	Reason[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 Examination
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

(9/77)

5/7/90

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #2

NARRATIVE OF OPERATING EXPERIENCE

Nine Mile Point Unit 2 operated with a capacity factor of 95.87% (MDC - net) and an availability factor of 100% during the month of April 1990. There were no challenges to safety relief valves during this reporting period.