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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 Mar~~ 1990 for Nine Mile Point Nuclear Station Unit 2 W/900410 ltr.

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NIAGARA MOHAWK

NMP55580

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

April 10, 1990

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

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

Dear Sir:

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

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

Very truly yours,

James L. Willis
General Superintendent

JLW/psc
Enclosures

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

Cat D 50-410

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1/1

OPERATING DATA REPORT

DOCKET NO. 50-410
DATE 4/2/90
COMPLETED BY R. Saunderson
TELEPHONE 315-349-2696

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit 2
2. Reporting Period: March 1-31, 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): 1140.2
7. Maximum Dependable Capacity (Net MWe): 1078.9
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   Items 6&7 recalculated monthly when operating 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 1078.1
(2) Item 21 Cumm not avail; Cumm NMDC not determined

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2160	17425
12. Number Of Hours Reactor Was Critical	744	1327.5	9516
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	1260.5	8889.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2338840.1	3784023.38	26166076.1
17. Gross Electrical Energy Generated (MWH)	791220	1271920	8625945
18. Net Electrical Energy Generated (MWH)	745530	1171790	7920815
19. Unit Service Factor	100	58.36	51.01
20. Unit Availability Factor	100	58.36	51.01
21. Unit Capacity Factor (Using MDC Net)	92.88	50.32(1)	N/A(2)
22. Unit Capacity Factor (Using DER Net)	91.85	49.72	41.67
23. Unit Forced Outage Rate	0	41.64	30.69

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

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-410
UNIT NMP2
DATE 4-2-90
COMPLETED BY R. Saunderson
TELEPHONE 315-349-2696

MONTH March 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1016	17	1019
2	1042	18	885
3	960	19	1005
4	1070	20	1070
5	1075	21	1059
6	1070	22	1067
7	1075	23	1062
8	1074	24	993
9	1010	25	981
10	524	26	1063
11	595	27	1074
12	868	28	1063
13	1021	29	1063
14	1043	30	1063
15	1046	31	1062
16	1050.		

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 March 1990

DOCKET NO. 50-410
UNIT NAME NMP2
DATE 4-2-90
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
9002	900309	S	88	H	N/A	N/A	N/A	N/A	Power reduction to approximately 55% CTP to repair Reactor Feedwater Pump suction line drain connection weld leak, steam leak on isolation valve between MSR drain tank and feedwater heater, and rod pattern adjustments.

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)

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 92.88% (MDC - net) and an availability factor of 100% during the month of March 1990.

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