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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1991 for Nine Mile Point Unit
2.W/910612 ltr.

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**N V NIAGARA
N M MOHAWK**

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

June 12, 1991
NMP79639

U.S. Nuclear Regulatory Commission
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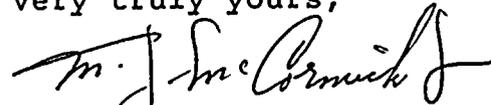
SUBJECT: Operating Statistics—May 1991
Unit Shutdowns and Power Reductions
Docket No. 50-410
NINE MILE POINT UNIT 2

Dear Sir:

Submitted herewith is the Report of Operating Statistics and the Unit Shutdowns and Power Reductions summary for May 1991 for the Nine Mile Point Nuclear Station Unit 2.

Also included is a narrative report of Operation Experience for May 1991.

Very truly yours,



Martin J. McCormick, Jr.
Plant Manager - NMP#2

MJM/tld
Enclosures

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

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PDR: ADOCK 05000410
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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 97.84% (MDC - net) and an availability factor of 100% during the month of May 1991.

Capacity losses for the month of May 1991 were caused by high ambient temperatures, condenser fouling, a steam leak through the packing on a valve on the instrument tree for level indication/control of the drain separator tank from the Moisture Separator Reheaters, turbine valve testing, and control rod maneuvers.

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 6/05/91

PREPARED BY: R. Saunderson

TELEPHONE: (315) 349-4888

RWS
6/6/91

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: May 1-31, 1991
- 3. Licensed Thermal Power (MWt): 3323
- 4. Nameplate Rating (Gross MWe): 1214
- 5. Design Electrical Rating (Net MWe): 1097
- 6. Maximum Dependable Capacity (Gross MWe): 1157.1
- 7. Maximum Dependable Capacity (Net MWe): 1095.1

Notes
Items 21 and 22 Cum. are weighted values.

- 8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:
Items 6 and 7 recalculated monthly, based on ambient restrictions, when operating greater than or equal to 80% CTP.

- 9. Power Level To Which Restricted, If Any (Net MWe): N/A

- 10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.0	3,623.0	27,648.0
12. Number of Hours Reactor Was Critical	744.0	2,896.3	15,885.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	2,599.23	14,926.23
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,458,179.36	8,147,871.85	43,948,341.9
17. Gross Electrical Energy Generated (MWH)	839,542.56	2,759,623.1	14,531,848.52
18. Net Electrical Energy Generated (MWH)	793,068.77	2,600,452.82	13,624,236.07
19. Unit Service Factor	100.0	71.74	53.99
20. Unit Availability Factor	100.0	71.74	53.99
21. Unit Capacity Factor (Using MDC Net)	97.84	65.54	45.35
22. Unit Capacity Factor (Using DER Net)	97.17	65.43	45.13
23. Unit Forced Outage Rate	0.0	10.96	23.80

- 24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):

Maintenance; September 27, 1991; 14-20 days

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

- 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: 06/05/91

PREPARED BY: R. Saunderson

TELEPHONE: (315) 349-4888

R. Saunderson
6/6/91

MONTH May 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1077	17	1065
2	1083	18	1078
3	1083	19	1083
4	1049	20	1078
5	1082	21	1071
6	1075	22	1070
7	987	23	1062
8	1077	24	1056
9	1081	25	1054
10	1082	26	1061
11	1067	27	1053
12	1070	28	1065
13	1074	29	1061
14	1073	30	1056
15	1076	31	1059
16	1038		

INSTRUCTIONS

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 6/05/91

REPORT MONTH - May 1991

PREPARED BY: R. Saunderson

TELEPHONE: (315) 349-4888

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 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

