

# CATEGORY 1

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FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha    05000410  
AUTH. NAME                      AUTHOR AFFILIATION  
FERRER, I.B.                      Niagara Mohawk Power Corp.  
CONWAY, J.T.                      Niagara Mohawk Power Corp.  
RECIP. NAME                      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1996 for Nine Mile Point  
Nuclear Station. W/960314 ltr.

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March 14, 1996  
NMP2L 1616

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 February 1996

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 February 1996.

Very truly yours,



John T. Conway  
Plant Manager - NMP2

IBF/cat

Enclosures

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

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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 102.62% and an availability factor of 100% during the month of February 1996.

On February 29, 1996 at 1800 hours, plant operators began a core thermal power reduction to 70% which was completed at 2114 hours. This power reduction was in preparation to complete several maintenance and surveillance related activities which included investigating condenser in-leakage concerns, a feedwater pump swap, and control rod scram timing. The unit remained at this derated condition for the remainder of this report period.

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 3/06/96

PREPARED BY: I.B. Ferrer

TELEPHONE: (315) 349-7790

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: FEBRUARY 1996
- 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): 1171.82
- 7. Maximum Dependable Capacity (Net MWe): 1107.82
- 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): None.
- 10. Reasons For Restrictions, If Any: None.

Items 21 and 22 Cum. are weighted values.

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	696.00	1,440.00	69,289.00
12. Number of Hours Reactor was Critical	696.00	1,440.00	49,843.00
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	696.00	1,440.00	47,714.81
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,406,042.24	4,980,313.68	150,725,408.79
17. Gross Electrical Energy Generated (MWH)	836,129.28	1,733,296.80	50,136,489.61
18. Net Electrical Energy Gen. (MWH)	791,256.96	1,640,409.96	47,172,415.89
19. Unit Service Factor	100.00%	100.00%	68.86%
20. Unit Availability Factor	100.00%	100.00%	68.88%
21. Unit Capacity Factor (Using MDC Net)	102.62%	102.83%	65.09%
22. Unit Capacity Factor (Using DER Net)	99.46%	99.67%	63.04%
23. Unit Forced Outage Rate	0.00%	0.00%	14.38%
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: 3/06/96  
PREPARED BY: I.B. Ferrer  
TELEPHONE: (315) 349-7790

MONTH FEBRUARY 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1142	17	1139
2	1142	18	1140
3	1142	19	1137
4	1141	20	1134
5	1141	21	1136
6	1141	22	1139
7	1139	23	1138
8	1138	24	1135
9	1135	25	1136
10	1138	26	1139
11	1137	27	1142
12	1141	28	1141
13	1140	29	1073
14	1140	30	0
15	1141	31	0
16	1140		



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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 3/06/96

PREPARED BY: I.B. Ferrer

TELEPHONE: (315) 349-7790

REPORT MONTH - FEBRUARY 1996

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reasons <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
9601	960229	S	0	B	4	N/A	CNM	2CNM-CND1C	Core Thermal Power reduced to 70% to investigate condenser in-leakage concerns.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit I-Same Source



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