

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9703190085 DOC. DATE: ~~97/02/28~~ NOTARIZED: NO DOCKET #  
FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410  
AUTH: NAME AUTHOR AFFILIATION  
CAROCCIO, C. Niagara Mohawk Power Corp.  
CONWAY, J. T. Niagara Mohawk Power Corp.  
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1997 for Nine Mile Point,  
Unit 2. W/970312 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5  
TITLE: Monthly Operating Report (per Tech Specs)

### NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD1-1 PD	1 1	HOOD, D	1 1
INTERNAL:	<del>ACRS</del>	1 1	AEOD/SPD/RRAB	1 1
	<del>FILE CENTER 01</del>	1 1	NRR/DRPM/PECB	1 1
	OC/DBA/PAD	1 1	RGN1	1 1
EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:  
PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
ROOM OWEN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM  
DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 11 ENCL 11

C  
A  
T  
E  
G  
O  
R  
Y  
  
1  
  
D  
O  
C  
U  
M  
E  
N  
T

MR



2  
3  
4



NIAGARA MOHAWK

GENERATION  
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093

March 12, 1997  
NMP2L 1693

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 1997

Dear Sir:

Submittal herewith is the Report of Operating Statistics, the Unit Shutdown and Power Reductions Summary, and a Narrative Report of Operational Experience for February 1997.

Very truly yours,

J. T. Conway  
Plant Manager - NMP2

IBF/ct

Enclosures

pc: H.J. Miller, Regional Administrator, Region 1  
B.S. Norris, Senior Resident Inspector

IE241

9703190085 970228  
PDR ADOCK 05000410  
R PDR

190063





1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100

**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 102.49% MDC and an availability factor of 100% for the month of February 1997.

On February 1, 1997 at 1658 hours, Reactor Core Thermal Power was reduced to 65% for control rod pattern adjustments and control rod scram time testing. All work was completed and the reactor was returned to 100% on February 2, 1997 at 2200 hours.

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



Handwritten marks and symbols in the top right corner, including a cluster of dots and some faint lines.

Small handwritten marks or symbols in the middle right area of the page.

OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 03/04/97

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: FEBRUARY 1997
- 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): 1169.67
- 7. Maximum Dependable Capacity (Net MWe): 1105.44
- 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	672.00	1,416.00	78,049.00
12. Number of Hours Reactor was Critical	672.00	1,416.00	57,715.05
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	672.00	1,416.00	55,502.58
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,305,028.64	4,881,431.76	177,297,117.32
17. Gross Electrical Energy Generated (MWH)	804,261.12	1,703,940.48	59,303,371.85
18. Net Electrical Energy Gen. (MWH)	761,385.00	1,613,211.63	55,843,720.53
19. Unit Service Factor	100.00%	100.00%	71.11%
20. Unit Availability Factor	100.00%	100.00%	71.13%
21. Unit Capacity Factor (Using MDC Net)	102.49%	103.06%	67.83%
22. Unit Capacity Factor (Using DER Net)	99.13%	99.67%	65.69%
23. Unit Forced Outage Rate	0.00%	0.00%	12.62%

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):

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY		05/23/87
INITIAL ELECTRICITY		08/08/87
COMMERCIAL OPERATION		04/05/88



Handwritten marks and characters in the top right corner, including what appears to be the number '2' and some illegible symbols.



APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410  
UNIT: NMP2  
DATE: 03/04/97  
PREPARED BY: C. Caroccio  
TELEPHONE: (315) 349-4615

MONTH FEBRUARY 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1062	17	1146
2	944	18	1142
3	1147	19	1141
4	1145	20	1145
5	1144	21	1138
6	1146	22	1142
7	1146	23	1146
8	1148	24	1147
9	1147	25	1147
10	1146	26	1145
11	1146	27	1144
12	1145	28	1144
13	1146		
14	1141		
15	1101		
16	1147		



Handwritten marks and scribbles in the top right corner.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 03/04/97

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

REPORT MONTH - FEBRUARY 1997

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
97-01	970201	N/A	0	N/A	4	N/A	N/A	N/A	Reduced Reactor Core Thermal Power for Control Rod Pattern Adjustments. Returned to 100% 970202.

<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

