

CATEGORY 1

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AUTH: NAME AUTHOR AFFILIATION
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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1997 for Nine Mile Point Unit
2.W/970415 ltr.

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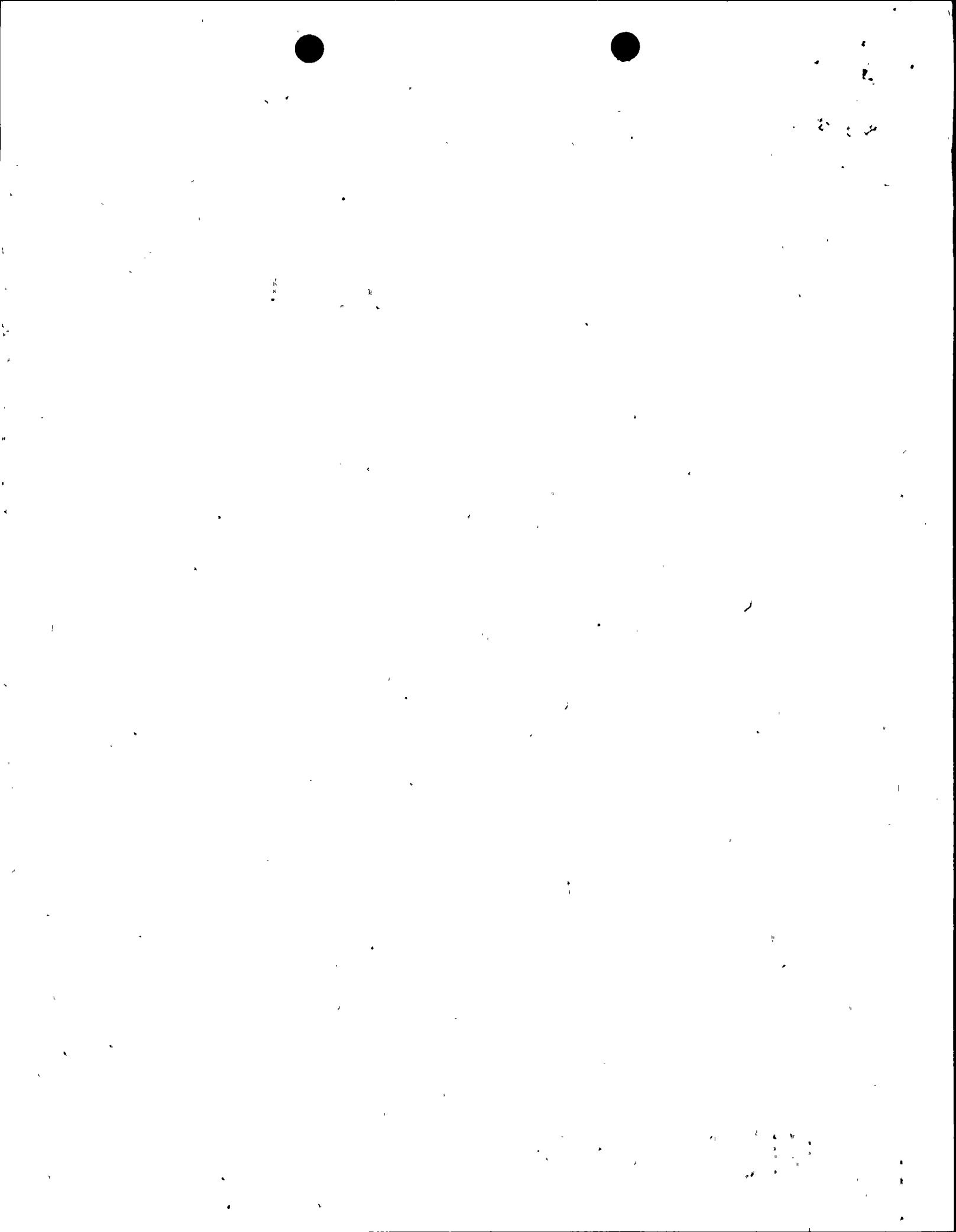
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MR





NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

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

April 15, 1997
NMP2L 1700

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 March 1997

Dear Sir:

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

Very truly yours,

J. T. Conway
Plant Manager - NMP2

/ct

Enclosures

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

IE24/1

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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 100.93% MDC and an availability factor of 100% for the month of March 1997.

On March 1, 1997 at 2300 hours, Nine Mile Point Unit Two returned to 100% rated core thermal power following a down power beginning February 28, 1997 at 2300 hours to 55% for a scheduled feedwater pump swap. Feedwater pump 2FWS-P1A was removed from service for maintenance inspection. Results of the inspection indicated that there was corona damage to the electrical termination cables inside of the motor junction box. The cables were repaired and plans were made to do inspections on the other two feedwater pumps.

On March 22, 1997 at 0200 hours, Nine Mile Point Unit Two commenced a planned power reduction for a feedwater pump swap. Feedwater pump 2FWS-P1C was removed from service to perform a maintenance inspection of the motor electrical terminations inside of the termination junction box. Feedwater pump 2FWS-P1A was placed in service and Nine Mile Point Unit Two returned to 100% rated core thermal power on March 23, 1997 at 1200 hours.

Inspection results of the electrical termination cables in the 2FWS-M1C motor junction box indicated no corona damage. Investigation into the corona damage on 2FWS-M1A was found to be cable routing related. The proximity of one of the cables against a taped joint compromised the integrity of the taped joints insulation. The cables were re-routed with sufficient air gap to mitigate the possibilities of any future corona damage.

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 04/04/97

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: MARCH 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	744.00	2,160.00	78,793.00
12. Number of Hours Reactor was Critical	744.00	2,160.00	58,459.05
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	2,160.00	56,246.58
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,512,516.32	7,393,948.08	179,809,633.64
17. Gross Electrical Energy Generated (MWH)	877,324.08	2,581,264.56	60,180,695.93
18. Net Electrical Energy Gen. (MWH)	830,087.51	2,443,299.14	56,673,808.04
19. Unit Service Factor	100.00%	100.00%	71.39%
20. Unit Availability Factor	100.00%	100.00%	71.40%
21. Unit Capacity Factor (Using MDC Net)	100.93%	102.33%	68.14%
22. Unit Capacity Factor (Using DER Net)	97.61%	98.96%	65.99%
23. Unit Forced Outage Rate	0.00%	0.00%	12.47%

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



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

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

MONTH MARCH 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	813	17	1142
2	1141	18	1145
3	1144	19	1144
4	1145	20	1141
5	1145	21	1140
6	1131	22	733
7	1126	23	1100
8	1144	24	1147
9	1144	25	1142
10	1142	26	1103
11	1144	27	1143
12	1144	28	1140
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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 04/04/97

REPORT MONTH - MARCH 1997

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

No.	Date	Type ¹	Duration (Hours)	Reasons ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
97-02	970301	N/A	0	N/A	4	N/A	N/A	N/A	Reduced Reactor Core Thermal Power to 55% for feedwater pump swap. Pumps were swapped and Core Thermal Power returned to 100% on March 1, 1997 @ 2300 hours.
97-03	970322	N/A	0	N/A	4	N/A	N/A	N/A	Reduced Reactor Core Thermal Power to 55% for feedwater pump swap. Pumps swapped and Core Thermal Power returned to 100% on March 23, 1997 @ 1200 hours.

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)

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Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

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Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-0161)

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Exhibit I-Same Source



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