

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 May 1996 for Nine Nile Point
Nuclear Station Unit 2, W/960612 ltr.

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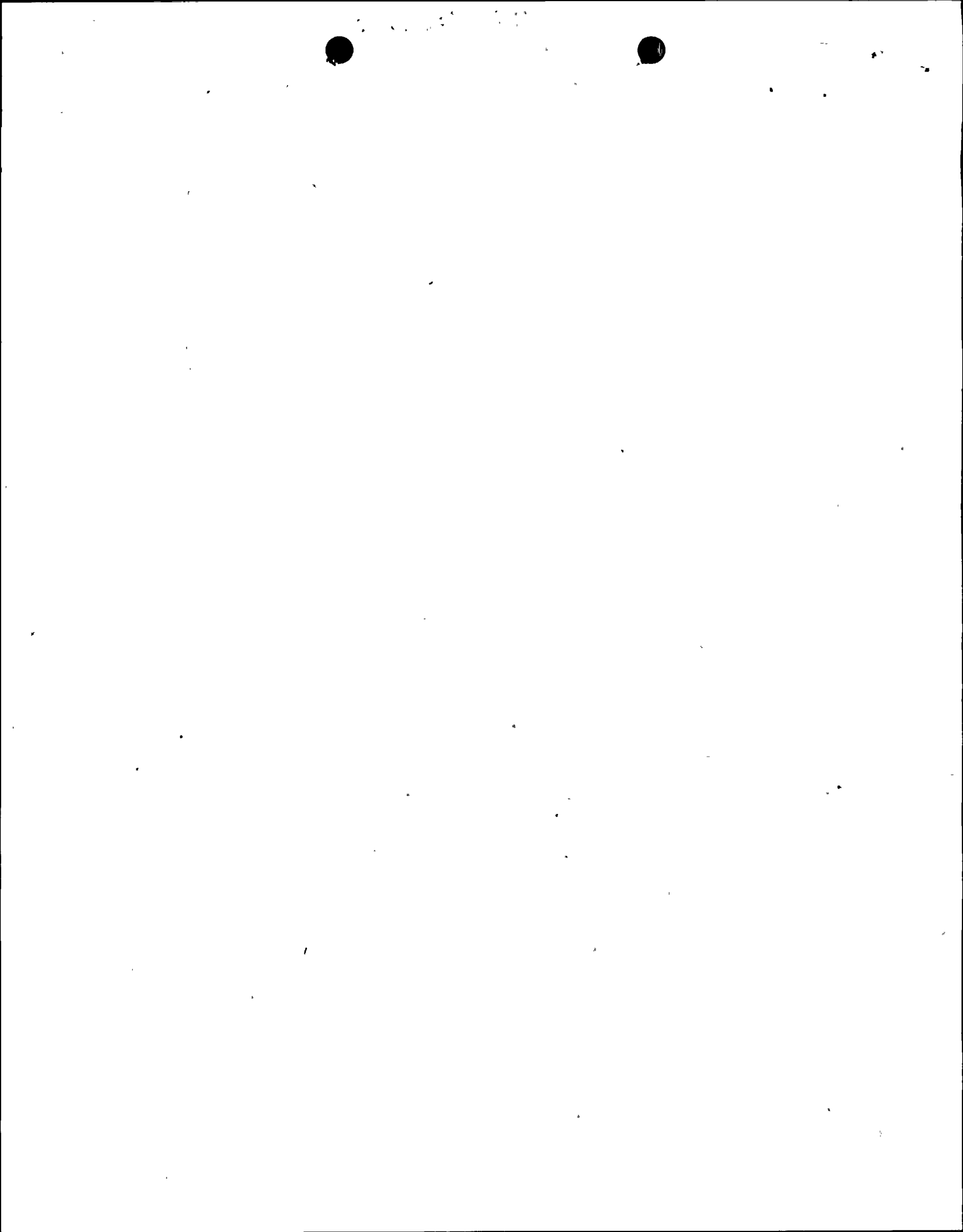
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June 12, 1996
NMP2L 1638

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 May 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 May 1996.

Very truly yours,


John T. Conway
Plant Manager - NMP2

IBF/da

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 100.93% (MDC) and an availability factor of 100% during the month of May 1996.

The unit had experienced two significant power reductions to stabilize feedwater heater water level oscillations. These oscillations were due to the failure of the 5th point "C" feedwater heater water level controller, 2HDL-LIC5C. The first incident occurred on May 27, 1996 at 2230 hours, and required a reduction to approximately 80% of rated reactor core thermal power. While completing repairs on the feedwater heater level controller, the unit was reduced to 70% to perform a control rod sequence exchange. The unit was returned to 100% of rated reactor core thermal power on May 30, 1996 at 1933 hours. The second incident due to feedwater level controller oscillations occurred on May 31, 1996 at 1624 hours. The unit was reduced to approximately 85% of rated reactor core thermal power to facilitate repairs on 2HDL-LIC5C. Repairs were completed at 2015 hours, and the unit commenced power ascension to 100% which continued for the remainder of this report period.

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



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OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 6/04/96

PREPARED BY: I.B. Ferrer

TELEPHONE: (315) 349-7790

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: MAY 1996
- 3. Licensed Thermal Power (MWe): 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.

Items 21 and 22 Cum. are weighted values.

- 9. Power Level To Which Restricted, If Any (Net Mwe): None.
- 10. Reasons For Restrictions, If Any: None.

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	744.00	3,647.00	71,496.00
12. Number of Hours Reactor was Critical	744.00	3,647.00	52,050.00
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	3,647.00	49,921.81
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,545,074.48	12,518,929.49	158,264,024.60
17. Gross Electrical Energy Generated (MWH)	879,131.28	4,345,145.92	52,748,338.73
18. Net Electrical Energy Gen. (MWH)	831,885.01	4,111,712.91	49,643,718.84
19. Unit Service Factor	100.00%	100.00%	69.82%
20. Unit Availability Factor	100.00%	100.00%	69.84%
21. Unit Capacity Factor (Using MDC Net)	100.93%	101.77%	66.20%
22. Unit Capacity Factor (Using DER Net)	97.82%	98.64%	64.12%
23. Unit Forced Outage Rate	0.00%	0.00%	13.83%

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

Refuel Outage (RF05) is scheduled to start September 28, 1996 with a duration of 35 days.

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



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APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 06/04/96
PREPARED BY: I.B. Ferrer
TELEPHONE: (315) 349-7790

MONTH MAY 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1137	17	1133
2	1139	18	1123
3	1136	19	1117
4	1136	20	1129
5	1137	21	1119
6	1138	22	1130
7	1137	23	1134
8	1132	24	1136
9	1131	25	1134
10	1126	26	1134
11	1136	27	1101
12	1139	28	846
13	1139	29	1038
14	1137	30	1139
15	1134	31	1081
16	1134		



100
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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 6/04/96

REPORT MONTH - MAY 1996

PREPARED BY: I.B. Ferrer

TELEPHONE: (315) 349-7790

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
9606	960527	F	0	A	4	N/A	HDL	2HDL-LIC5C	Feedwater heater water level oscillations causing power reduction to about 80%. The level controller was repaired.
9607	960530	F	0	A	4	N/A	HDL	2HDL-LIC5C	Feedwater heater water level oscillations causing power reduction to about 85%. The level controller was repaired.

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

