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ABBOTT, R. B. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1997 for Nine Mile Point
Nuclear Station, Unit 2, W/970515 ltr.

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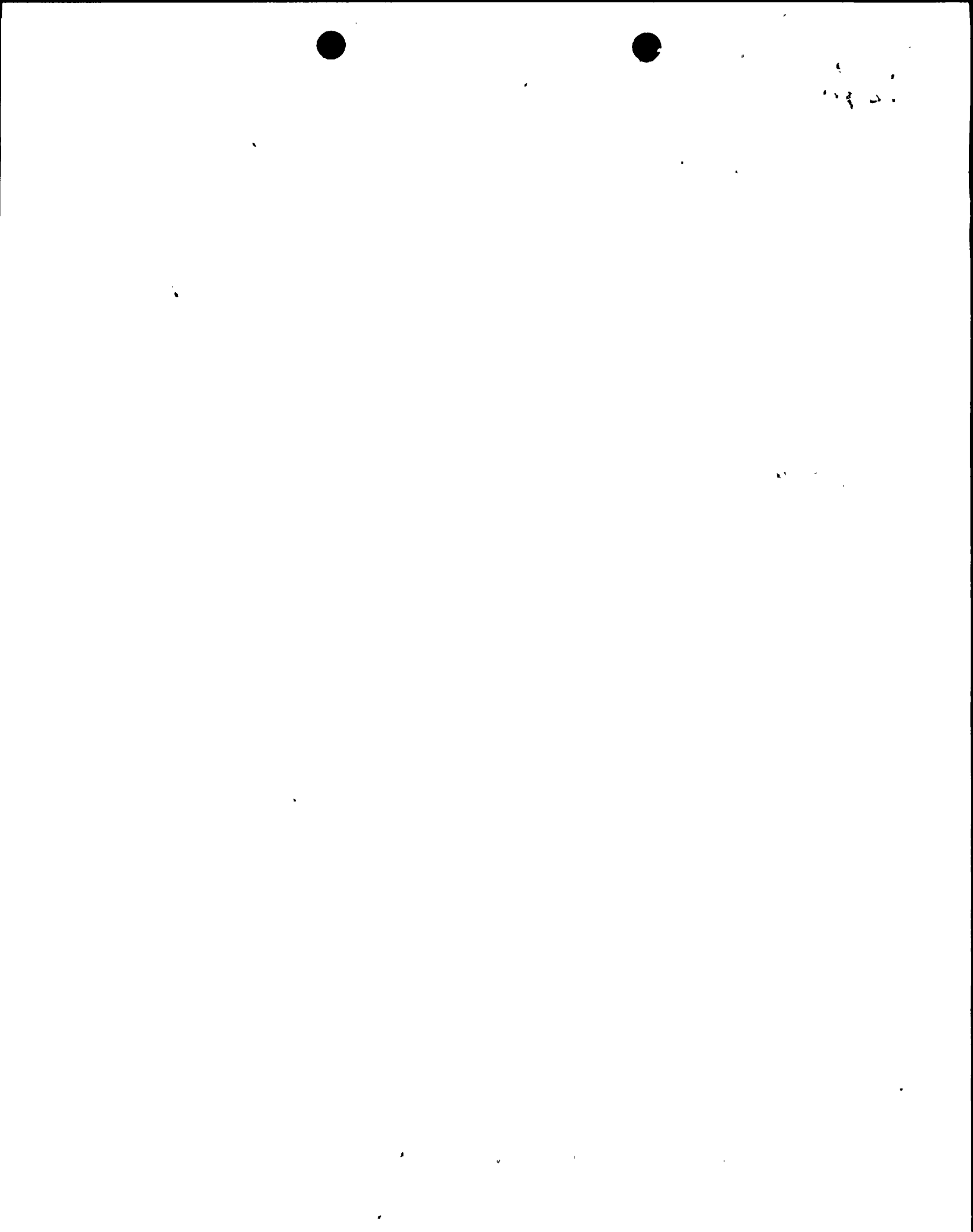
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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093/TELEPHONE (315) 349-1812
FAX (315) 349-4417

RICHARD B. ABBOTT
Vice President and
General Manager - Nuclear

May 15, 1997
NMP2L 1706

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 April 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 April 1997.

Very truly yours,

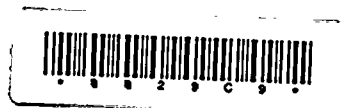
Richard B. Abbott
Vice President and General Manager - Nuclear

/ct

Enclosures

pc: H.J. Miller, Regional Administrator, Region 1.
B.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 103.29% MDC and an availability factor of 100% for the month of April 1997.

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: 05/02/97

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: APRIL 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	719.00	2,879.00	79,512.00
12. Number of Hours Reactor was Critical	719.00	2,879.00	59,178.05
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	719.00	2,879.00	56,965.58
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,491,026.81	9,884,974.89	182,300,660.45
17. Gross Electrical Energy Generated (MWH)	866,705.15	3,447,969.71	61,047,401.08
18. Net Electrical Energy Gen. (MWH)	820,974.58	3,264,273.72	57,494,782.62
19. Unit Service Factor	100.00%	100.00%	71.64%
20. Unit Availability Factor	100.00%	100.00%	71.66%
21. Unit Capacity Factor (Using MDC Net)	103.29%	102.57%	68.46%
22. Unit Capacity Factor (Using DER Net)	99.90%	99.20%	66.29%
23. Unit Forced Outage Rate	0.00%	0.00%	12.33%

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



Small, faint, illegible marks or artifacts in the top right corner.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 05/02/97
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

MONTH APRIL 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1144	17	1144
2	1143	18	1143
3	1140	19	1143
4	1143	20	1143
5	1139	21	1144
6	1132	22	1141
7	1143	23	1140
8	1145	24	1140
9	1145	25	1141
10	1145	26	1140
11	1144	27	1140
12	1143	28	1141
13	1144	29	1141
14	1145	30	1135
15	1144		
16	1141		



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 05/02/97

REPORT MONTH - APRIL 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
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)

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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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