

CATEGORY 1

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COLEMAN, D.E. Niagara Mohawk Power Corp.
RADEMACHER, N.L. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1997 for Nine Mile Point Nuclear Station, Unit 1. W/970311 ltr.

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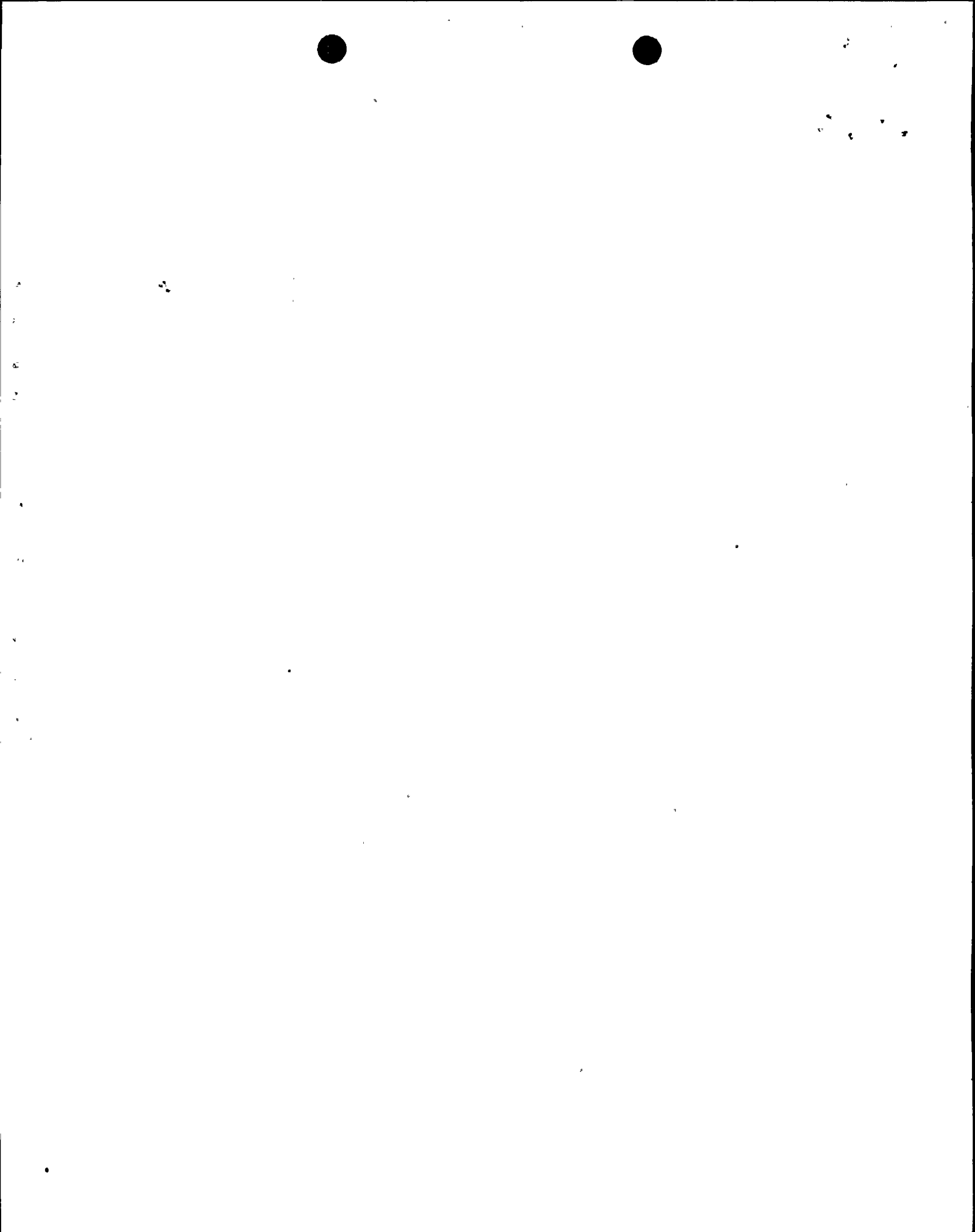
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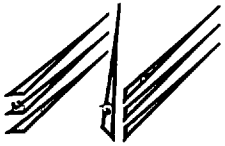
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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

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

March 11, 1997
NMP91447

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

RE: Nine Mile Point Nuclear Station Unit #1
Docket No. 50-220
DPR-63

Subject: Operating Statistics and Shutdowns - February 1997

Gentlemen:

Submitted herewith is the Report of Operating Statistics, Unit Shutdowns and Power Reductions, and a Narrative of Operating Experience for February 1997 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

Norman L. Rademacher
Plant Manager - Unit One

/lh

Enclosures

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

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OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 2/05/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: February 1997
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 642
5. Design Electrical Rating (Net MWe): 613
6. Maximum Dependable Capacity (Gross MWe): 584
7. Maximum Dependable Capacity (Net MWe): 565
8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:
9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

Notes

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	672.0	1416.0	240,673.2
12. Number of Hours Reactor Was Critical	672.0	1381.9	163658.9
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	672.0	1374.2	159,730.4
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,241,908.0	2,527,347.0	271,734,127.0
17. Gross Electrical Energy Generated (MWH)	414,717.0	853,969.0	90,432,425.0
18. Net Electrical Energy Generated (MWH)	403,462.0	830,712.0	87,692,266.0
19. Unit Service Factor	100.0	97.0	66.4
20. Unit Availability Factor	100.0	97.0	66.4
21. Unit Capacity Factor (Using MDC Net)	106.3	103.8	60.3
22. Unit Capacity Factor (Using DER Net)	97.9	95.7	58.8
23. Unit Forced Outage Rate	0.0	3.0	22.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): (35 Day Refuel Outage scheduled for March 3, 1997)			
25. If shutdown At End of Report Period, Estimated Date of Startup:			



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OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 3/06/97

PREPARED BY: D. E. Coleman

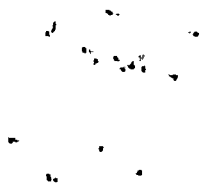
TELEPHONE: (315) 349-2558

MONTH February 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	616	17	598
2	616	18	591
3	616	19	593
4	616	20	589
5	616	21	603
6	617	22	583
7	616	23	588
8	616	24	573
9	616	25	574
10	616	26	575
11	616	27	572
12	617	28	569
13	616		
14	611		
15	596		
16	602		

INSTRUCTIONS

On this format, list the average daily unit power level in Mwe-Net for each day in the reporting month. Compute to the nearest whole megawatt.



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-220

UNIT NAME: NMP#1

DATE: 3/06/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

REPORT MONTH - February 1997

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence

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



NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE

The station operated during the month of February 1997 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 97.9%. There were no challenges to the Electromatic Relief Valves. Reductions in Capacity Factor were due to end of cycle coast down. Additional losses of generation were due to maintenance work performed on Reactor Recirculation Pumps #13, 14, & 15.

