

CATEGORY 1

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

SUBJECT: Monthly operating rept for Dec 1996 for Nine Mile Point
Nuclear Station Unit 1.W/970110 ltr.

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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

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

January 10, 1997
NMP91442

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 - December 1996

Gentlemen:

Submitted herewith is the Report of Operating Statistics, Unit Shutdowns and Power Reductions, and a Narrative of Operating Experience for December 1996 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

Norman L. Rademacher
Plant Manager - Unit One

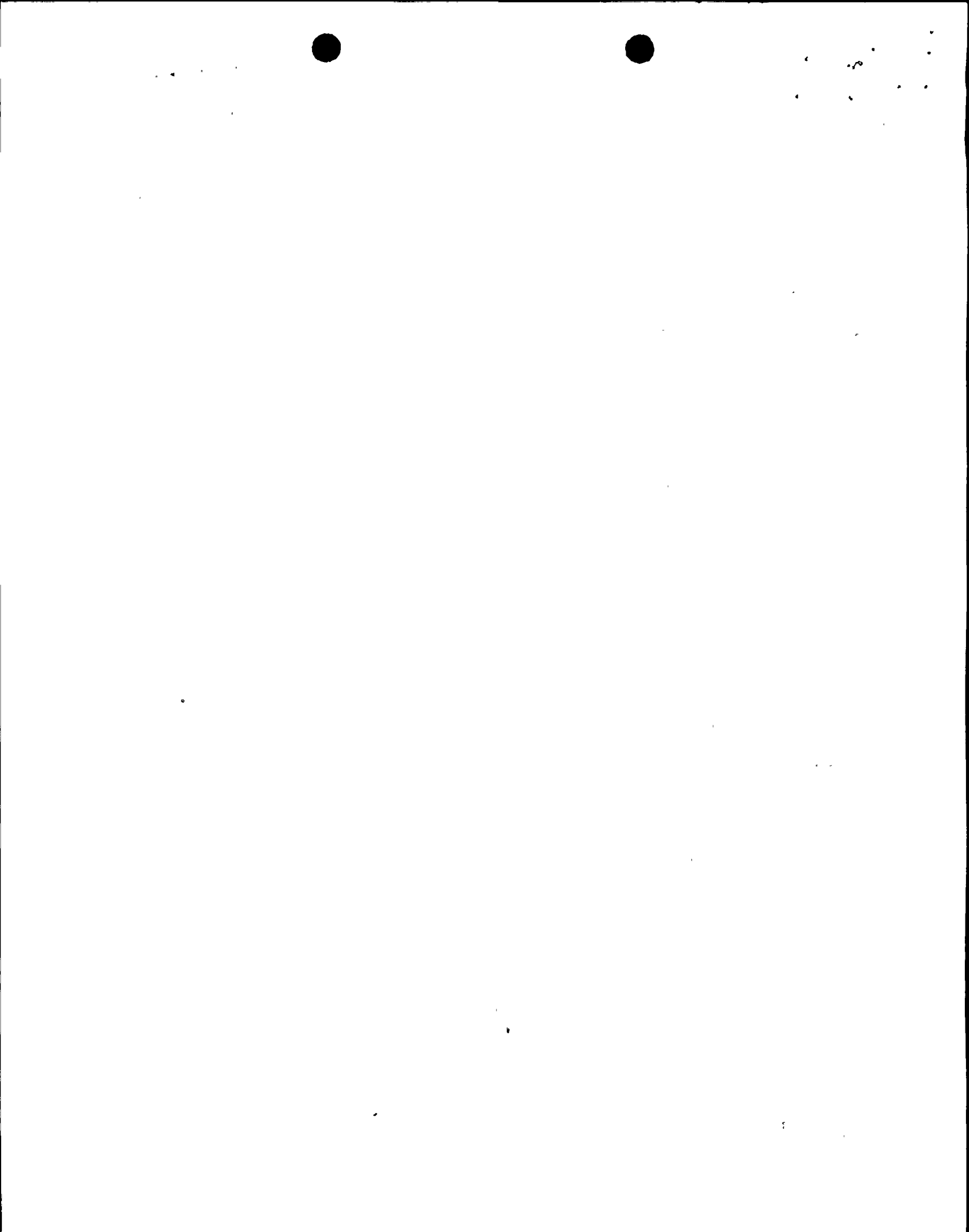
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Enclosures

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: 1/07/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: December 1996
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:

Notes

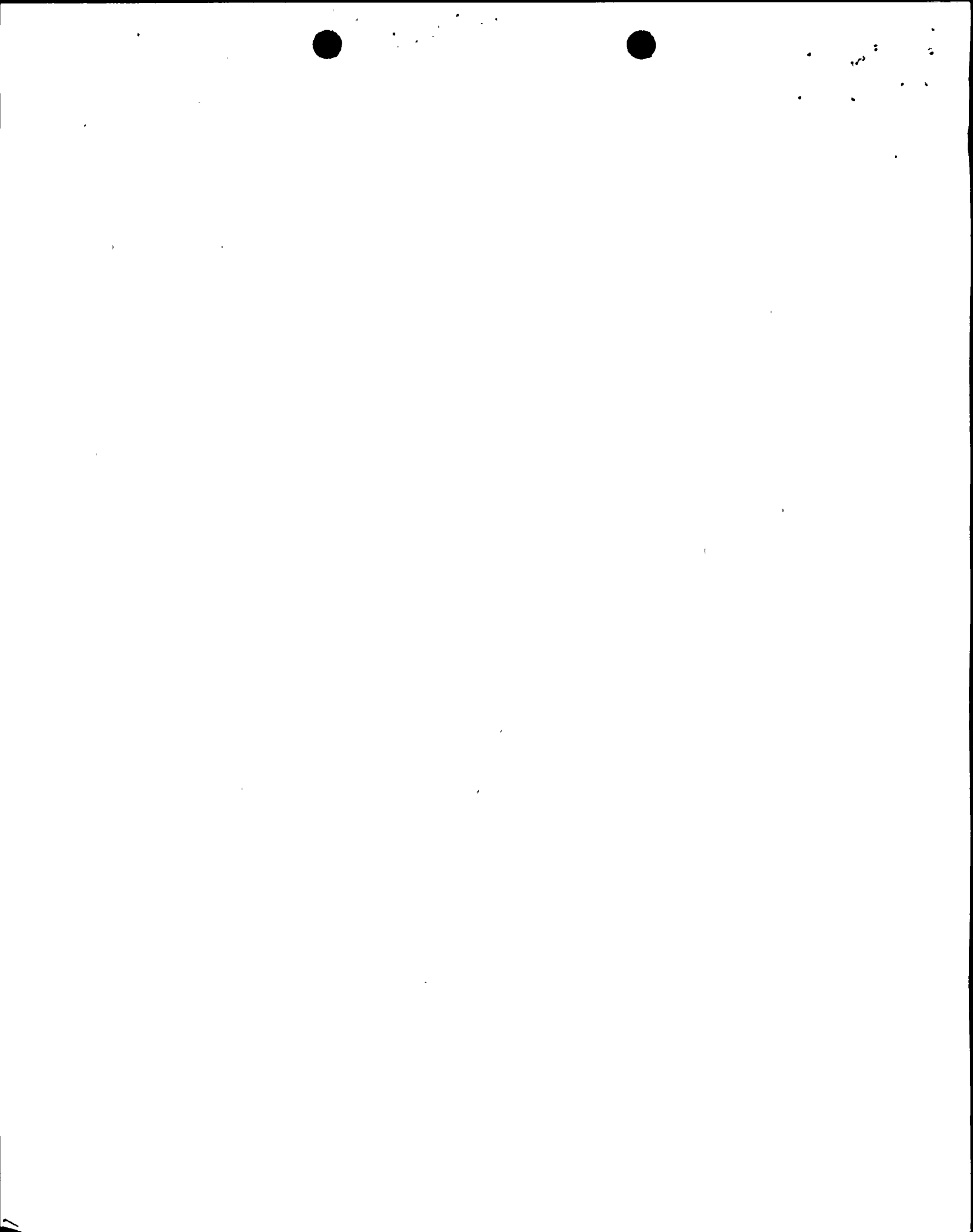
9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.0	8,784.0	239,257.2
12. Number of Hours Reactor Was Critical	744.0	8,200.3	162,277.0
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	744.0	8,135.3	158,356.2
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,354,632.0	14,289,134.0	269,206,780.0
17. Gross Electrical Energy Generated (MWH)	461,486.0	4,807,837.0	89,578,456.0
18. Net Electrical Energy Generated (MWH)	449,592.0	4,676,173.0	86,861,554.0
19. Unit Service Factor	100.0	92.6	66.2
20. Unit Availability Factor	100.0	92.6	66.2
21. Unit Capacity Factor (Using MDC Net)	107.0	94.2	60.1
22. Unit Capacity Factor (Using DER Net)	98.6	86.8	58.6
23. Unit Forced Outage Rate	0.0	6.1	22.4

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:



OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 1/07/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

MONTH December 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	616	17	616
2	616	18	616
3	615	19	616
4	615	20	616
5	616	21	617
6	616	22	616
7	610	23	616
8	616	24	600
9	612	25	461
10	616	26	490
11	615	27	616
12	615	28	615
13	616	29	617
14	605	30	617
15	580	31	616
16	615		

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.



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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-220

UNIT NAME: NMP#1

DATE: 1/07/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

REPORT MONTH - December 1996

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
10	961225	F	0	A	N/A	N/A	CJ	Pump B	#11 Circulating Water Pump Lead Failure

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)

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Exhibit I-Same Source



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

The station operated during the month of December 1996 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 98.6%. There were no challenges to the Electromatic Relief Valves. Reduction in Capacity Factor were due to various reasons. #13 Reactor Recirculation Pump was removed from service for maintenance. On December 9, 1996, #13 RRP was returned to service. On December 24, 1996, at about 2130 hours, #11 circulating water pump tripped due to a faulty motor lead. The unit was derated to 78% power for 47.3 hours. Also, during the month power was reduced for a control rod pattern adjustment.



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