

# CATEGORY 1

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AUTH. NAME    AUTHOR AFFILIATION  
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RADEMACHER, N.L.    Niagara Mohawk Power Corp.  
RECIP. NAME    RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1996 for Nine Mile Point  
Nuclear Station Unit 1.W/961213 ltr.

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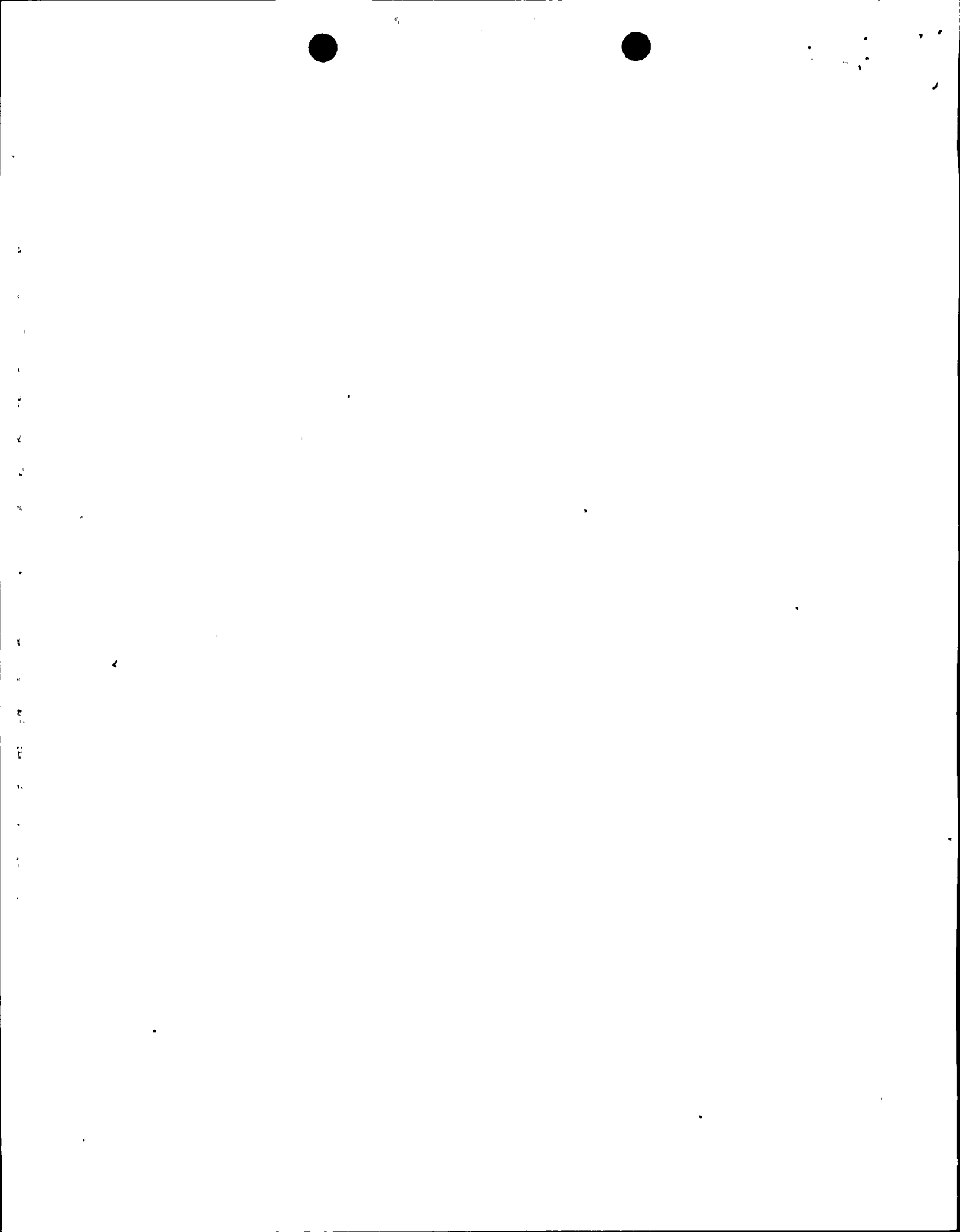
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NIAGARA MOHAWK

GENERATION  
BUSINESS GROUP

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

December 13, 1996

NMP91440

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 - November 1996

Gentlemen:

Submitted herewith is the Report of Operating Statistics, Unit Shutdowns and Power Reductions, and a Narrative of Operating Experience for November 1996 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: 12/10/96

PREPARED BY: D. E. Coleman

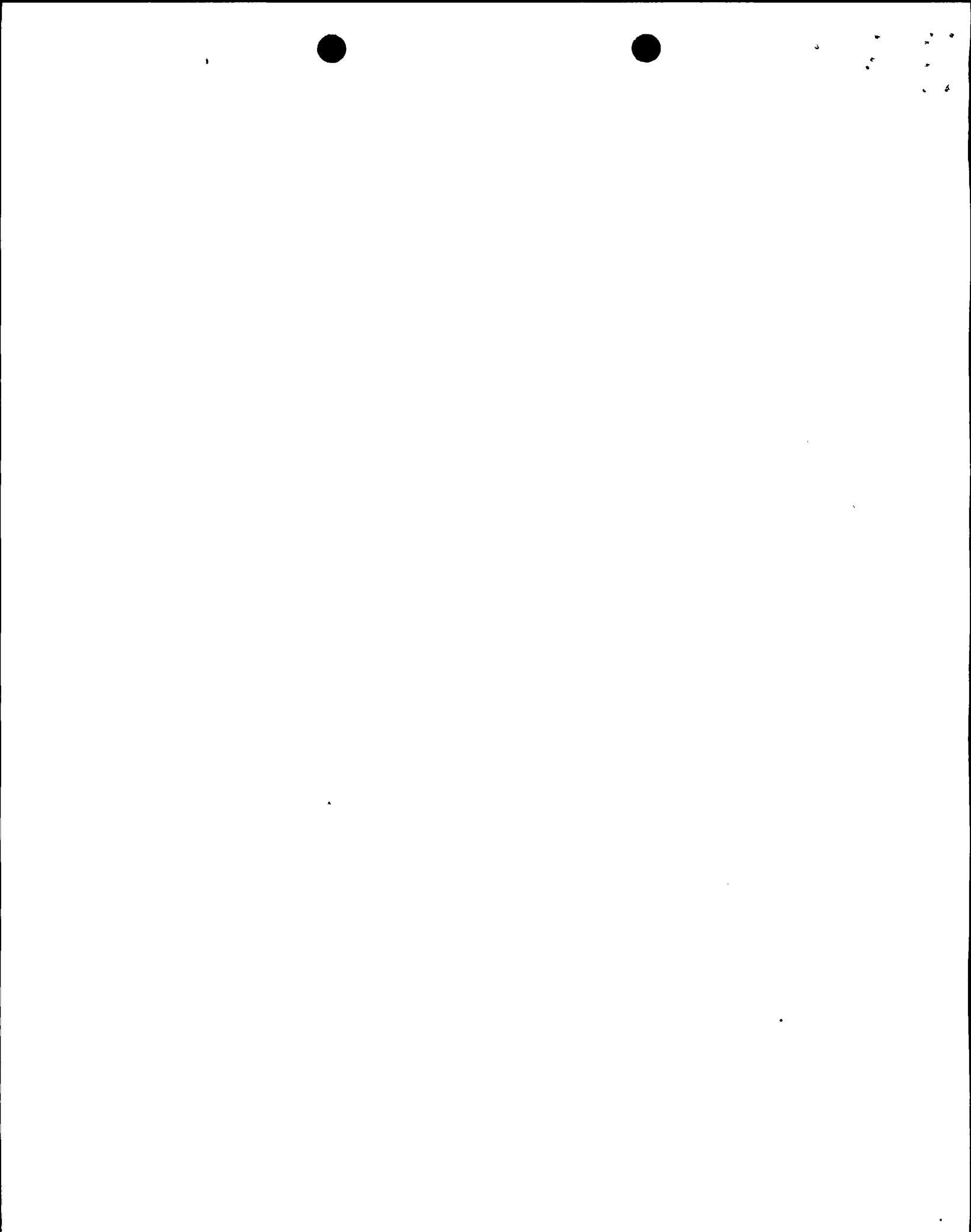
TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: November 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:
9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

Notes
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	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	720.0	8,040.0	238,513.2
12. Number of Hours Reactor Was Critical	572.1	7,456.3	161,533.0
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	563.1	7,391.3	157,612.2
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,027,981.0	12,934,502.0	267,852,148.0
17. Gross Electrical Energy Generated (MWH)	350,247.0	4,346,351.0	89,116,970.0
18. Net Electrical Energy Generated (MWH)	341,053.0	4,226,581.0	86,411,962.0
19. Unit Service Factor	78.2	91.9	66.1
20. Unit Availability Factor	78.2	91.9	66.1
21. Unit Capacity Factor (Using MDC Net)	83.8	93.0	59.9
22. Unit Capacity Factor (Using DER Net)	77.3	85.8	58.5
23. Unit Forced Outage Rate	21.8	6.7	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: 12/10/96

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

MONTH November 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	613	17	614
2	615	18	614
3	616	19	615
4	615	20	616
5	586	21	615
6	0	22	616
7	0	23	616
8	0	24	615
9	0	25	614
10	0	26	615
11	0	27	616
12	137	28	615
13	592	29	616
14	600	30	615
15	612	31	
16	614		

## 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: 12/10/96

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

REPORT MONTH - November 1996

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1	961105	F	156.9	A	3	96-11	TBA	TA	The reactor scrammed due to generator ground fault.

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F: Forced  
S: Scheduled

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)

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

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

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 November 1996 with a Unit Availability Factor of 78.2% and a Net Design Electrical Capacity Factor of 77.3%. There was one challenge to the Electromatic Relief Valves. Reduction in Capacity Factor was due to a 156.9 hour forced outage. On November 5, 1996 at 2253 the plant experienced a reactor scram due to a generator ground fault. Repairs were made and the unit was placed back in service on November 12, 1996 at 1150.

