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AUTH. NAME      AUTHOR AFFILIATION  
CARACCIO, C.J.      Niagara Mohawk Power Corp.  
MUELLER, J.H.      Niagara Mohawk Power Corp.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1993 for Nine Mile Point Unit  
2-W/931112 ltr.

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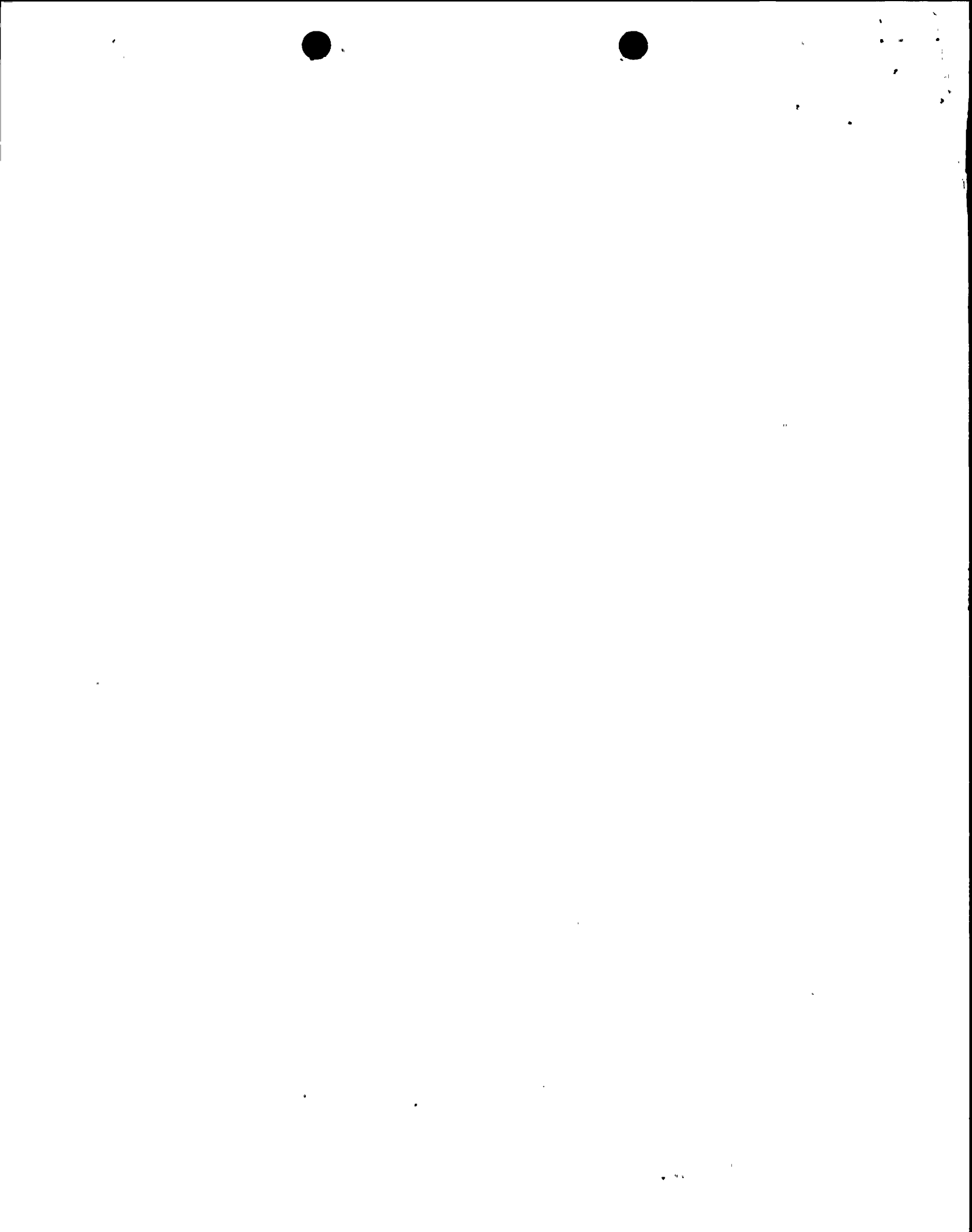
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November 12, 1993  
NMP89332

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

RE: Operating Statistics - October 1993  
Unit Shutdowns and Power Reductions  
Docket No. 50-410  
NINE MILE POINT UNIT 2

Dear Sir:

Submitted herewith is the Report of Operating Statistics, the Unit Shutdowns and Power Reductions Summary, and a narrative report of Operation Experience for October 1993.

Very truly yours,

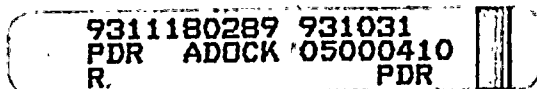


John H. Mueller  
Plant Manager - NMP2

RWS/da  
Enclosures

pc: Thomas T. Martin, Regional Administrator Region 1  
Barry S. Norris, Senior Resident Inspector

19n001



JE24 1/1



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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 0.76% and availability factor of 3.33% for the month of October 1993.

Nine Mile Point Unit 2 shutdown at 0048 on October 2, 1993 to begin the third (3rd) refueling outage; the unit remained shutdown at the end of the report period.

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 11/03/93

PREPARED BY: C.J. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: October 1-31, 1993
- 3. Licensed Thermal Power (MWt): 3323
- 4. Nameplate Rating (Gross MWe): 1214
- 5. Design Electrical Rating (Net MWe): 1062
- 6. Maximum Dependable Capacity (Gross MWe): 1124
- 7. Maximum Dependable Capacity (Net MWe): 1062

Items 21 and 22 Cum. are weighted values.

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): 0

10. Reasons For Restrictions, If Any: Unit Shutdown for Refueling

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	745.00	7,296.00	48,865.00
12. Number of Hours Reactor Was Critical	24.8	6,575.8	32 184.96
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	24.8	6575.8	30560.14
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	26020.98	21362036.25	94278196.88
17. Gross Electrical Energy Generated (MWH)	6984.0	7013408.8	31212965.93
18. Net Electrical Energy Gen. (MWH)	6038.79	6597120.26	29328409.10
19. Unit Service Factor	3.33	90.13	62.54
20. Unit Availability Factor	3.33	90.13	62.54
21. Unit Capacity Factor (Using MDC Net)	0.76	85.63	55.76
22. Unit Capacity Factor (Using DER Net)	0.76	85.14	55.62
23. Unit Forced Outage Rate	0.00	0.00	18.41

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

Refuel outage, 10/02/93, 60 days

25. If Shut Down At End of Report Period, Estimated Date of Startup: November 30, 1993

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





APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410  
UNIT: NMP2  
DATE: 11/03/93  
PREPARED BY: C.J. Caroccio  
TELEPHONE: (315) 349-4615

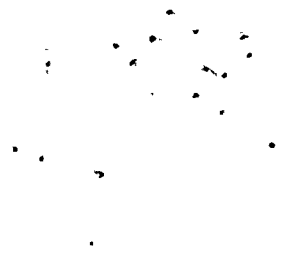
MONTH    October 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	246	17	0
2	6 (note 1)	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

Note 1: Total net generation for 10/02/93 = 136.4 MWhe, for 0.8 hrs.

INSTRUCTIONS

On this form, 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: 50-410

UNIT NAME: NMP#2

DATE: 11/03/93

REPORT MONTH - October 1993

PREPARED BY: C.J. Caruccio

TELEPHONE: (315) 349-4615

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
9313	10/02/93	S	720.2	C	2	N/A	N/A	N/A	Scheduled shutdown for Third Refueling Outage (RFO-03).

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit I-Same Source

