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FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
AUTH. NAME AUTHOR AFFILIATION
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DAHLBERG, K.A. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1993 for NMPNS, unit 1.W/
930109 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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NIAGARA MOHAWK POWER CORPORATION/Nine Mile Point Nuclear Station Unit #1, P.O. Box 32, Lycoming, NY 13093

Kim A. Dahlberg
Plant Manager

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January 9, 1993
NMP87823

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

Subject: Operating Statistics and Shutdowns - January 1993
Docket No. 50-220
Nine Mile Point Nuclear Station - Unit #1

Dear Sir:

Submitted herewith is the Report of the Operating Statistics and Shutdowns for January 1993 for the Nine Mile Point Nuclear Station - Unit #1.

Also included is a narrative report of Operating Experience for January 1993.

Very truly yours,

Kim A. Dahlberg
Plant Manager - NMP#1

/pt

Enclosures

pc: Thomas T. Martin, Regional Administrator Region 1
Wayne L. Schmidt, Senior Resident Inspector

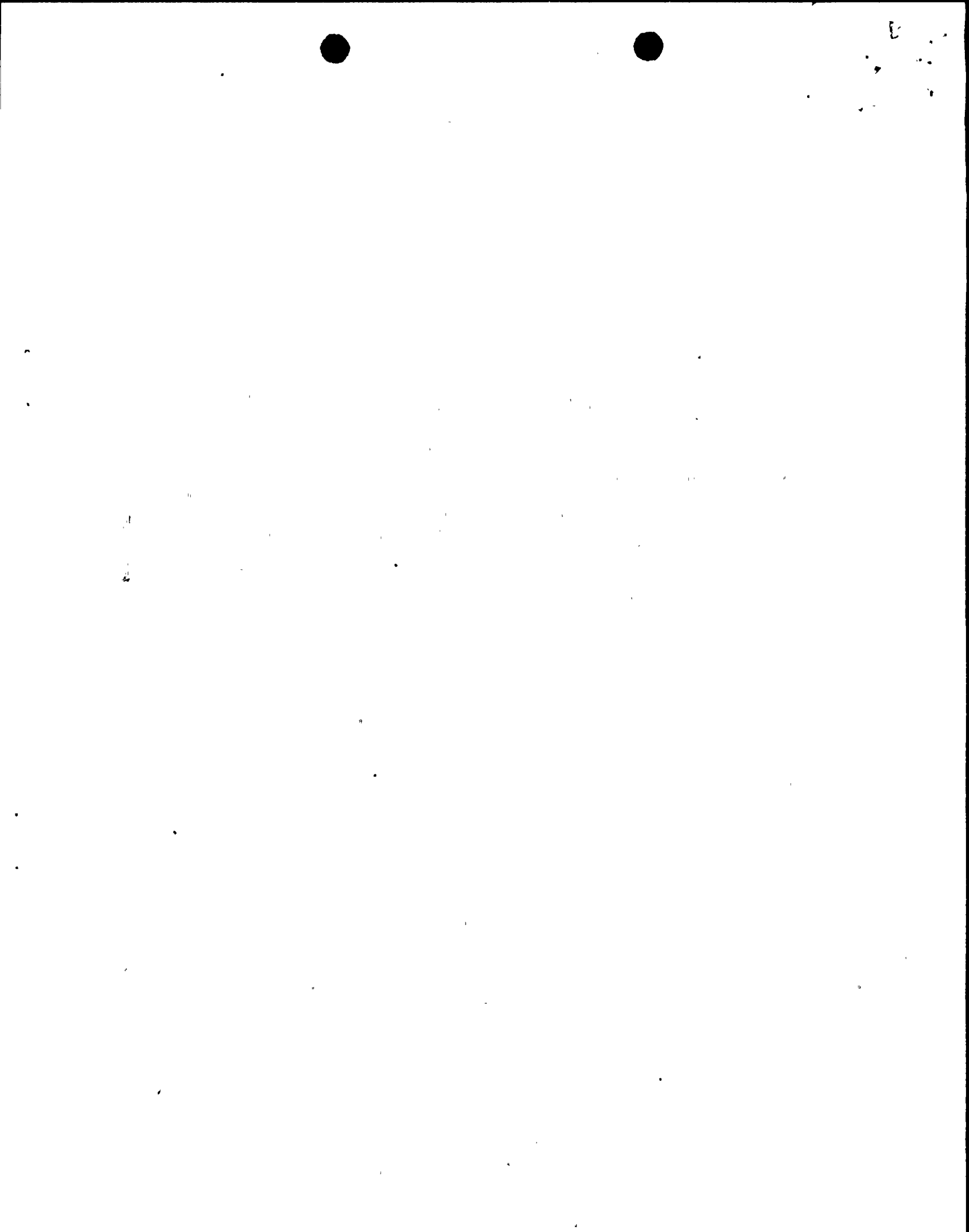
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NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE

The Station operated during the month of January 1993 with a Unit Availability Factor of 92.9% and a Net Design Electrical Capacity Factor of 88.8%. There were no challenges to Electromatic Relief Valves. Reductions in Capacity Factor were due to several reasons. On January 26, 1993 @ 0936 hours the reactor scrammed resulting in a 52.6 hour forced outage. The cause of the scram was a high neutron flux signal received during surveillance testing due to personnel error. The unit was placed back in service on January 28, 1993 @ 1411 hours. Generation was reduced ~ 25 MWe/hr for over a six day period (January 15, 1993 through January 20, 1993) due to control rod 10-31 being inserted from position 48 to position 00. This was caused by an unisolatable vent valve on the withdraw riser to the CRD. Generation losses were also due to adjustments made to #14 Reactor Recirculation Pump and Clean Up system outages. Other reduction in capacity factor were due to weekly control valve testing, control rod exercising and control rod pattern adjustments.



OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 1/9/93

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: January 1993
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 642
5. Design Electrical Rating (Net MWe): 625
6. Maximum Dependable Capacity (Gross MWe): 635
7. Maximum Dependable Capacity (Net MWe): 615
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	744.0	204,937.2
12. Number of Hours Reactor Was Critical	711.3	711.3	131,505.2
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	691.4	691.4	127,767.4
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,241,678.0	1,241,678.0	214,591,904.0
17. Gross Electrical Energy Generated (MWH)	425,940.0	425,940.0	71,243,230.0
18. Net Electrical Energy Generated (MWH)	412,975.0	412,975.0	69,022,418.0
19. Unit Service Factor	92.9	92.9	62.3
20. Unit Availability Factor	92.9	92.9	62.4
21. Unit Capacity Factor (Using MDC Net)	90.3	90.3	55.2
22. Unit Capacity Factor (Using DER Net)	88.8	88.8	54.3
23. Unit Forced Outage Rate	7.1	7.1	25.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):
 On February 19, 1993, the unit will shutdown for a scheduled 55-day refuel outage.

25. If shutdown At End of Report Period, Estimated Date of Startup:



Handwritten scribbles and marks in the top right corner.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-220

UNIT NAME: NMP#1

DATE: 1/9/93

REPORT MONTH - January 1993

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

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	930126	F	52.6	G	3	93-02			The reactor scrammed on a high neutron flux signal received during surveillance testing due to personnel error. While performing a monthly calibration test on APRM Flow Converters, a high neutron flux trip signal was initiated on channel 12 while a manual half-scram signal was inserted on RPS channel 11.

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



OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 1/9/93

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

MONTH January 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	615	17	597
2	615	18	594
3	593	19	591
4	618	20	594
5	620	21	611
6	620	22	616
7	618	23	618
8	617	24	618
9	619	25	609
10	617	26	246
11	615	27	0
12	617	28	47
13	619	29	482
14	606	30	575
15	598	31	610
16	598		

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.

