

CATEGORY 1

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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1996 for Nine Mile Point Unit
 2. W/960911 ltr.

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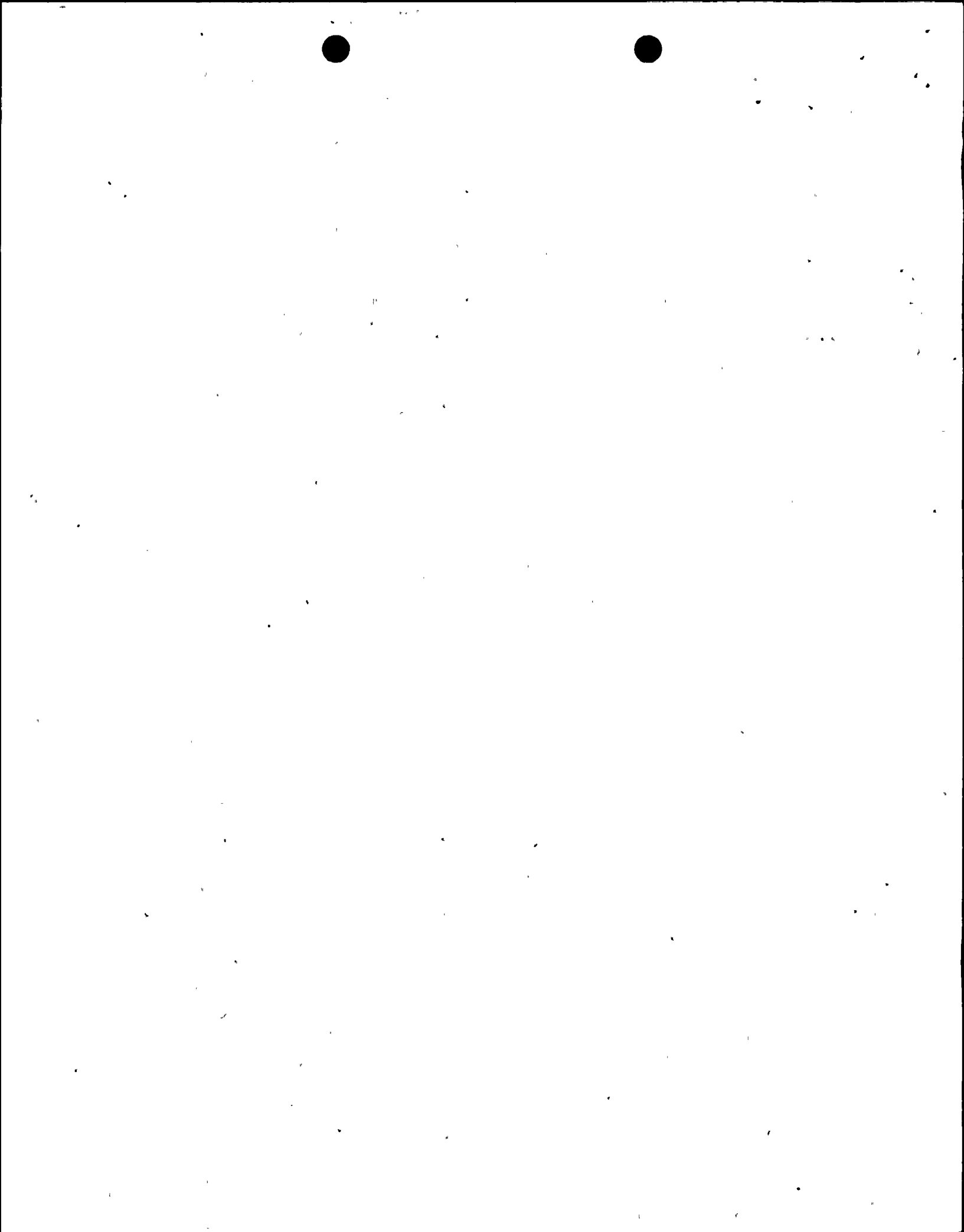
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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

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

September 11, 1996
NMP2L 1661

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

RE: Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

Subject: Operating Statistics, Unit Shutdowns and Power Reductions for August 1996

Dear Sir:

Submitted herewith is the Report of Operating Statistics, the Unit Shutdowns and Power Reductions Summary, and a Narrative Report of Operational Experience for August 1996.

Very truly yours,

John T. Conway
Plant Manager - NMP2

IBF/da

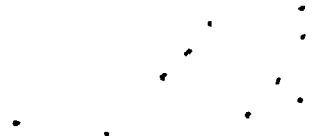
Enclosures

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

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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 101.10% (MDC) and an availability factor of 100% during the month of August 1996.

On August 13, 1996, at 1026 hours during performance of a scheduled Division II Emergency Diesel Generator (EDG) surveillance, the Division II Control Building Chiller tripped on low service water flow to the chiller condenser. Because of this failure, the Division II chiller was declared inoperable, and the plant entered a 7 day Limiting Condition for Operation. Subsequent investigation of the problem determined that the low flow trip setpoint of 250 gallons per minute (gpm) was set too high. It was further determined that this condition existed for the redundant (Division I) chiller, and it was also declared inoperable. Since both redundant chillers were considered inoperable, the operators entered Technical Specification 3.0.3, and commenced a plant shutdown at 1745 hours on August 14, 1996.

With core thermal power at 90% the plant shutdown was terminated and Specification 3.0.3 was exited at 2111 hours on August 14, 1996. The low flow trip setpoint for the Division I Chiller was changed from 250 gpm to 210 gpm based on a revised Engineering calculation. Core thermal power was further reduced to 79% where Operations performed a control rod pattern adjustment and scrammed time tested control rods. Core thermal power was returned to 100% on August 15, 1996 at 0541 hours.

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 9/04/96

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: AUGUST 1996
- 3. Licensed Thermal Power (MWt): 3467
- 4. Nameplate Rating (Gross MWe): 1259
- 5. Design Electrical Rating (Net MWe): 1143
- 6. Maximum Dependable Capacity (Gross MWe): 1169.67
- 7. Maximum Dependable Capacity (Net MWe): 1105.44
- 8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reason: None.
- 9. Power Level To Which Restricted, If Any (Net Mwe): None.
- 10. Reasons For Restrictions, If Any: None.

Items 21 and 22 Cum. are weighted values.

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	744.00	5,855.00	73,704.00
12. Number of Hours Reactor was Critical	744.00	5,855.00	54,258.00
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	5,855.00	52,129.81
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,572,296.48	20,105,185.01	165,850,280.12
17. Gross Electrical Energy Generated (MWH)	879,330.24	6,939,082.72	55,342,275.53
18. Net Electrical Energy Gen. (MWH)	831,533.69	6,564,378.55	52,096,384.48
19. Unit Service Factor	100.00%	100.00%	70.73%
20. Unit Availability Factor	100.00%	100.00%	70.75%
21. Unit Capacity Factor (Using MDC Net)	101.10%	101.42%	67.23%
22. Unit Capacity Factor (Using DER Net)	97.78%	98.09%	65.11%
23. Unit Forced Outage Rate	0.00%	0.00%	13.32%

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

Refuel Outage (RF05) is scheduled to start September 28, 1996 with a duration of 35 days.

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

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 9/04/96

REPORT MONTH - AUGUST 1996

PREPARED BY: I.B. Ferrer

TELEPHONE: (315) 349-7790

No.	Date	Type ¹	Duration (Hours)	Reasons ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
96-10	960814	S	0	H	4	N/A	RDS	N/A	Core Thermal Power reduced to 79% as part of a Tech. Spec. required shutdown and to complete control rod pattern adjustments for end of cycle.

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



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 09/04/96
PREPARED BY: I.B. Ferrer
TELEPHONE: (315) 349-7790

MONTH AUGUST 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1122	17	1121
2	1121	18	1121
3	1120	19	1120
4	1119	20	1114
5	1119	21	1113
6	1113	22	1115
7	1110	23	1110
8	1119	24	1119
9	1118	25	1117
10	1125	26	1120
11	1127	27	1120
12	1121	28	1109
13	1122	29	1123
14	1088	30	1130
15	1102	31	1127
16	1120		

