

CATEGORY 1

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ACCESSION NBR: 9902250226 DOC. DATE: ~~99/01/31~~ NOTARIZED: NO DOCKET #
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME: CAROCCIO, C. AUTHOR AFFILIATION: Niagara Mohawk Power Corp.
 PALEOLOGOS, N.C. Niagara Mohawk Power Corp.
 RECIP. NAME: RECIPIENT AFFILIATION:

SUBJECT: Monthly operating rept for Jan 1999 for Nine Mile Point, Unit
2. with 990209 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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	<u>EPLE CENTER 01</u>		1	1		OC/DBA/PAD		1	1	
	RGNI		1	1						
EXTERNAL:	LITCO BRYCE, J H		1	1		NOAC		1	1	
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MR



N V NIAGARA
N M MOHAWK

NINE MILE POINT—UNIT 2/P.O. BOX 63, LYCOMING, NY 13093/TELEPHONE (315) 343-2110

February 9, 1999
NMP2L 1850

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: Monthly Operating Report for January 1999

Dear Sir:

Submitted herewith is the Operating Data Report, the Unit Shutdowns and Power Reductions, Narrative of Operating Experience, and Average Daily Unit Power Level for January 1999.

Very truly yours,

Nick Paleologos

N. C. Paleologos
Plant Manager - Unit 2

/db

Attachments

xc: H.J. Miller, Regional Administrator, Region I
G.K. Hunegs, Senior Resident Inspector
Records Management

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OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 990203

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: JANUARY 1999
- 3. Licensed Thermal Power (MWt): 3467
- 4. Nameplate Rating (Gross MWe): 1259
- 5. Design Electrical Rating (Net MWe): 1160.9
- 6. Maximum Dependable Capacity (Gross MWe): 1187.04
- 7. Maximum Dependable Capacity (Net MWe): 1123.04
- 8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reason:

Items 21 and 22 Cum. are weighted values:

Values #5, #6, #7 have changed based on the results of thermal performance baseline tests run on 12/17/98, post moisture separator reheater repairs, valve and tower maintenance.

- 9. Power Level To Which Restricted, If Any (Net Mwe): None.
- 10. Reasons For Restrictions, If Any: None.

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	744.00	744.00	94,897.00
12. Number of Hours Reactor was Critical	744.00	744.00	72,560.83
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	744.00	70,141.29
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	2,574,576.54	2,574,576.54	224,887,363.12
17. Gross Electrical Energy Generated (MWH)	909,568.08	909,568.08	75,645,558.48
18. Net Electrical Energy Gen. (MWH)	861,559.95	861,559.05	71,277,221.42
19. Unit Service Factor	100.00%	100.00%	73.91%
20. Unit Availability Factor	100.00%	100.00%	73.93%
21. Unit Capacity Factor (Using MDC Net)	103.11%	103.11%	70.49%
22. Unit Capacity Factor (Using DER Net)	99.75%	99.75%	68.24%
23. Unit Forced Outage Rate	0.00%	0.00%	11.82%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):		None	
25. If Shut Down At End of Report Period, Estimated Date of Startup:		None	
26. Unit in Test Status (Prior to Commercial Operation):		None	

Forecast Achieved

INITIAL CRITICALITY 05/23/87
 INITIAL ELECTRICITY 08/08/87
 COMMERCIAL OPERATION 04/05/88



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 (MDC) of 103.11% and an availability factor of 100.00% for the month of January 1999.

On January 2, 1999 at 1513 hours, Nine Mile Point Unit Two's control room received alert alarms on both Offgas 13A and B radiation monitors as a result of offgas radiation levels increasing. Special Operating Procedures were entered as a result of the alarms and Operations lowered reactor core thermal power to approximately 91% of rated. Chemistry was directed to take offgas samples. It was determined that fifteen minutes prior to the alarms, a condensate demineralizer vessel was placed in stand-by and a volume of air was introduced into the main condenser, resulting in increased flow through the offgas system and subsequent increase in offgas pre-treatment radiation levels. Further investigation, including analysis of collected data and observations of system performance concluded that there were no other evolutions in progress at the time of the alarm that would have caused increased offgas flows. With offgas activities found to be within acceptable limits, Operations exited the Special Operating Procedures at 1745 hours and began restoring core thermal power to 100% of rated. At 2030 hours, core thermal power was restored to 100% of rated.

On January 22, 1999 at 0916 hours, core thermal power was reduced to approximately 95% due to spurious low level alarms on the fifth point heater being received from 2CNM-E5C sticking in the open position. The valve positioner, 2HDL-LV5C was replaced and the unit was returned to 100% of rated core thermal power at 1200 hours on January 22, 1999.

There were no challenges to the safety relief valves during January, 1999.



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 990203
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

MONTH JANUARY 1999

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1161	17	1156
2	1145	18	1156
3	1159	19	1157
4	1160	20	1159
5	1162	21	1159
6	1160	22	1151
7	1160	23	1153
8	1159	24	1155
9	1160	25	1159
10	1160	26	1159
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15	1159	31	1161
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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 990203

REPORT MONTH - JANUARY 1999

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

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
- None -									

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)

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

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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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