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SUBJECT:

LTR 1 ENCL 1

FORWARDING SUBJECT FACILITY'S MONTHLY OPERATING REPT FOR THE MONTH OF MARCH, 1978.

PLANT NAME:NINE MILE PT - UNIT 1

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: W

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MONTHLY OPERATING REPORT FOR GRAY BOOK PREPARATION.
(DISTRIBUTION CODE A003)

FOR ACTION: ~~BR CHIEF LEMMON/2 ENCL~~

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April 10, 1978

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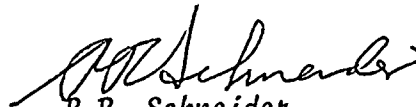
Director
Office of Management Information
and Program Control
United States Nuclear Regulatory Commission
Washington, D.C. 20555

RE: Docket No. 50-220
DPR-63

Gentlemen:

Submitted herewith is the Report of Operating Statistics and Shutdown Experience for March 1978 for the Nine Mile Point Nuclear Station Unit #1. Also included is a narrative report of Operating Experience for the month.

Very truly yours,


R.R. Schneider
Vice President -
Electric Production

Enclosures

mtm

xc: Director, Office of I&E (10 copies)
NRC Region I Office (1 copy)

REGULATORY DOCKET FILE COPY

781090033

A003
5/1

OPERATING DATA REPORT

DOCKET NO. 50-220
DATE _____
COMPLETED BY T.J. Perkins
TELEPHONE 315 343-2110
ex 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 03/01/78 03/31/78
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 620
6. Maximum Dependable Capacity (Gross MWe): 630
7. Maximum Dependable Capacity (Net MWe): 610

Notes

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:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2160.0	73,752
12. Number Of Hours Reactor Was Critical	744	2111.1	53,180.0
13. Reactor Reserve Shutdown Hours	0	0	1,204.0
14. Hours Generator On-Line	744	2087.3	50,777.5
15. Unit Reserve Shutdown Hours	0	0	20.2
16. Gross Thermal Energy Generated (MWH)	1,317,536	3,645,422	82,099,431
17. Gross Electrical Energy Generated (MWH)	448,174	1,240,041	27,021,753
18. Net Electrical Energy Generated (MWH)	433,263	1,198,448	26,175,371
19. Unit Service Factor	100	96.6	68.8
20. Unit Availability Factor	100	96.6	68.9
21. Unit Capacity Factor (Using MDC Net)	95.5	90.9	58.2
22. Unit Capacity Factor (Using DER Net)	93.9	89.5	57.2
23. Unit Forced Outage Rate	0	5.1	11.2

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

April 24, 1978 Snubber Inspection (Subject to change due to
fossil unit availability)

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

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt.

DATE _____

COMPLETED BY T.J. Perkins

TELEPHONE 315 343-2110
ex 1312

MONTH March

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>607</u>
2	<u>609</u>
3	<u>609</u>
4	<u>609</u>
5	<u>610</u>
6	<u>608</u>
7	<u>607</u>
8	<u>607</u>
9	<u>605</u>
10	<u>606</u>
11	<u>606</u>
12	<u>591</u>
13	<u>605</u>
14	<u>607</u>
15	<u>610</u>
16	<u>607</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>607</u>	
18	<u>608</u>	
19	<u>610</u>	
20	<u>607</u>	
21	<u>608</u>	
22	<u>606</u>	
23	<u>593</u>	
24	<u>273</u>	} Rod Swap &
25	<u>414</u>	
26	<u>519</u>	
27	<u>575</u>	
28	<u>596</u>	} Flux Pattern
29	<u>587</u>	
30	<u>588</u>	
31	<u>579</u>	Economy

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220
 UNIT NAME 9 Mile Pt.
 DATE
 COMPLETED BY T. J. Perkins
 TELEPHONE 315 343-2110
 ex 1312

REPORT MONTH March

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
0	3/12	S	3.4	H	Recirc Flow	NA			Change Condensate Demin
0	3/23	S	6.9	H	Recirc Flow	NA			Rod Swap
0	3/31	S	2.0	F	Recirc Flow Rods	NA			Economy

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 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

(9/77)

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE
MARCH 1978

The station operated at 100% availability and 95.5% capacity factor for the month. The daily operating history follows:

March 1 to March 23	Operated at a steady state power level of approximately 621 MWe and 1836 MWt.
March 23	At 2055, started load reduction for a control rod sequence change. At 2220, the unit load was 290 MWe with recirculation flow at minimum.
March 24	At 0320 after the control rod sequence change was completed, unit load was 161 MWt. Started to pull rods to increase load. At 2230, unit load was 352 MWe. Continued to increase load at the preconditioning rate via recirculation flow increases.
March 25 & March 26	Continued to increase load within PCIOMR Limits.
March 27	Load at 582 MWe and 1750 MWt. Continued to increase load at preconditioning rate.
March 28	At 0000, unit load was 601 MWe and 1807 MWt. Continued to increase load at the preconditioning rate. At 0800, unit load reached 616 MWe and 1815 MWt. Holding here due to core thermal limits.
March 29 to March 31	Steady state operation of approximately 602 MWe and 1785 MWt.
March 31	At 2200, started a load reduction via recirculation flow for economy reasons. At 2300, unit load reached 325 MWe and 1042 MWt.