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U.S. NUCLEAR REGULATORY COMMISSION

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FILE NUMBER: MONTHLY REPORT

TO: MIPC

FROM: Niagara Mohawk Power Corp
Syracuse, N.Y. 13202
R.R. Schneider

DATE OF DOCUMENT: 1-10-78

DATE RECEIVED: 1-13-78

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PLANT NAME: Nine Mile Pt. Unit 1

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ENCLOSURE

MONTHLY REPORT FOR DECEMBER 1977
PLANT & COMPONENT OPERABILITY & AVAILABILITY.
THIS REPORT TO BE USE IN PREPARING GRAY BOOK
BY PLANS & OPERATIONS. 3P

1 CY ENCL Rec'd *

FOR ACTION/INFORMATION

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

January 10, 1978

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

RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for the month of December 1977 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

R.R. Schneider
Vice President -
Electric Production

MAS/mtm

Enc.

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

APPENDIX C

OPERATING DATA REPORT

DOCKET NO. 50-220

UNIT 9 Mile Pt. Unit #1

DATE 1/5/78

COMPLETED BY T. J. Perkins

TELEPHONE 315-343-2110 ext. 1312

OPERATING STATUS

1. REPORTING PERIOD: 77/12/01-77/12/31 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWe-Net): 610
   DESIGN ELECTRICAL RATING (MWe-Net): 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): _____
4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	744	5343.5	51068.9
6. REACTOR RESERVE SHUTDOWN HOURS	0	16.2	1204.2
7. HOURS GENERATOR ON LINE	744	5184.6	48790.3
8. UNIT RESERVE SHUTDOWN HOURS	0	0	20.2
9. GROSS THERMAL ENERGY GENERATED (MWH)	1337892	9152502	78454009
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	456994	3043657	25781712
11. NET ELECTRICAL ENERGY GENERATED (MWH)	442882	294942	24976863
12. REACTOR SERVICE FACTOR	100	61	71
13. REACTOR AVAILABILITY FACTOR	100	61	73
14. UNIT SERVICE FACTOR	100	59	68
15. UNIT AVAILABILITY FACTOR	100	59	68
16. UNIT CAPACITY FACTOR (Using MDC)	97.6	55	57
17. UNIT CAPACITY FACTOR (Using Design MWe)	97.6	55	57
18. UNIT FORCED OUTAGE RATE	0	.005	0.1

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
    May 28, 1978 - Snubber Inspection
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

NINE MILE POINT NUCLEAR STATION
NIAGARA MOHAWK POWER CORPORATION

DOCKET NO. 50-220
UNIT NAME 9 Mile Pt. Unit 1
DATE 01/10/78
COMPLETED BY T.J. Perkins
TELEPHONE 315-343-2110 ext. 1312

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS	
	12/23	S	2:02	F	1	625 - 525	POWER CONTROL ECONOMIC DIS-PATCH
	12/24	S	1:48	F	1	613 - 470	
	12/24	S	2:15	F	1	522 - 470	
	12/25	S	5:10	F	1	618 - 418	
	12/30	S	6:10	F	1	623 - 288	ROD SWAP

(1) REASON
A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT. OR TEST
C: REFUELING
D: REGULATORY RESTRICTION
E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
G: OPERATIONAL ERROR (EXPLAIN)
H: OTHER (EXPLAIN)

(2) METHOD
1: MANUAL
2: MANUAL SCRAM.
3: AUTOMATIC SCRAM
4: OTHER (EXPLAIN)

SUMMARY:

NINE MILE POINT NUCLEAR STATION
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. _____
UNIT 9 Mile Pt. Unit 1
DATE January 10,1978
COMPLETED BY T.J. Perkins
TELEPHONE 315-343-2110 ext. 1312

MONTH DECEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	599	17	596
2	607	18	609
3	610	19	609
4	610	20	608
5	608	21	612
6	608	22	612
7	606	23	598
8	606	24	580
9	605	25	553
10	606	26	602
11	607	27	610
12	607	28	610
13	608	29	611
14	608	30	597
15	608	31	342
16	599		

REMARKS: