

50-220

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TO: MIPC

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

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PLANT NAME: Nine Mile Pt. Unit 1

DHL

ENCLOSURE

MONTHLY REPORT FOR Feb. 1977
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.
(1 cy encl rec'd) 3P

SAFETY

FOR ACTION/INFORMATION

ENVIRO

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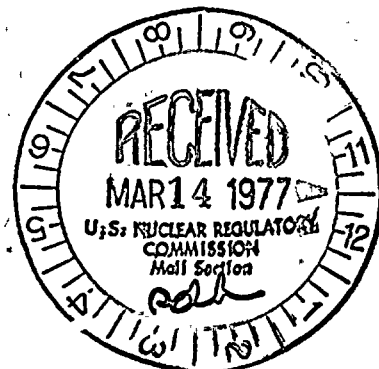
NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N.Y. 13202

March 4, 1977

REGULATORY DOCKET FILE COPY




Office of Plans & Schedules
Directorate of Licensing
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 February 1977 for the Nine Mile Point Nuclear Power Station Unit #1.

Very truly yours,


R.R. Schneider
Vice President -
Electric Production

MAS/mtm

Attachments

2683

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1944

AVERAGE DAILY UNIT POWER LEVEL.

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 03/03/77

COMPLETED BY T. J. Perkins

TELEPHONE (315) 343-2110
Ext. 1312

MONTH February, 1977

DAY AVERAGE DAILY POWER LEVEL
(MIWe-Net)

1	574
2	571
3	568
4	566
5	460
6	528
7	564
8	587
9	587
10	585
11	586
12	583
13	584
14	582
15	583
16	582

DAY AVERAGE DAILY POWER LEVEL
(MIWe-Net)

17	582
18	573
19	584
20	584
21	582
22	579
23	114
24	118
25	438
26	467
27	526
28	576
29	
30	
31	

REMARKS:

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 03/03/77

COMPLETED BY T. J. Perkins

TELEPHONE (315) 343-2110
Ext. 1312

OPERATING STATUS

1. REPORTING PERIOD: 770201 - 770228 GROSS HOURS IN REPORTING PERIOD: 672
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	<u>655.8</u>	<u>1,399.8</u>	<u>47,125.2</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>16.2</u>	<u>16.2</u>	<u>1,204.2</u>
7. HOURS GENERATOR ON LINE	<u>646.4</u>	<u>1,390.4</u>	<u>44,897.2</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,119,944</u>	<u>2,458,754</u>	<u>71,760,261</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>368,824</u>	<u>811,513</u>	<u>23,549,568</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>357,223</u>	<u>785,795</u>	<u>22,816,716</u>
12. REACTOR SERVICE FACTOR	<u>97.6</u>	<u>98.9</u>	<u>73.3</u>
13. REACTOR AVAILABILITY FACTOR	<u>100</u>	<u>100</u>	<u>75.2</u>
14. UNIT SERVICE FACTOR	<u>96.2</u>	<u>98.2</u>	<u>69.9</u>
15. UNIT AVAILABILITY FACTOR	<u>96.2</u>	<u>98.2</u>	<u>69.9</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>87.1</u>	<u>91.0</u>	<u>58.2</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>87.1</u>	<u>91.0</u>	<u>58.2</u>
18. UNIT FORCED OUTAGE RATE	<u>3.8</u>	<u>1.8</u>	<u>12.2</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): _____
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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220

UNIT NAME Nine Mile Point #1

DATE 03/03/77

COMPLETED BY T. J. Perkins

TELEPHONE (315) 343-2110
Ext. 1312

REPORT MONTH February, 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
1	2/23/77	F	25.6	A	3	Generator Field Ground. Carbon dust buildup on field lead under generator.

(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: