OPERATING DATA REPORT

DOCKET NO. 50-220
DATE 3/10/81
COMPLETED BY T. Roman
TELEPHONE (315)343-2110
X1383

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 02/01/81 - 02/28/81
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): 588 (1692.7 CTP)
10. Reasons For Restrictions, If Any: EOC Derate to 91.5% CTP for SRITC

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.0	1416.0	99,312.0
12. Number Of Hours Reactor Was Critical	672.0	1400.7	74,966.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	672.0	1391.0	72,299.6
15. Unit Reserve Shutdown Hours	0.0	0.0	20.2
16. Gross Thermal Energy Generated (MWH)	1,065,123.0	2,221,126.0	1,160,796,216.0
17. Gross Electrical Energy Generated (MWH)	355,096.0	742,094.0	35,941,010.0
18. Net Electrical Energy Generated (MWH)	343,459.0	717,684.0	37,705,237.0
19. Unit Service Factor	100.0	98.2	72.8
20. Unit Availability Factor	100.0	98.2	72.8
21. Unit Capacity Factor (Using MDC Net)	83.8	83.1	62.2
22. Unit Capacity Factor (Using DER Net)	82.4	81.7	61.2
23. Unit Forced Outage Rate	0.0	1.8	8.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled refueling outage 3/6/81 - 6/6/81 (approximately 13 weeks)

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 9MP#1
DATE 3/10/81
COMPLETED BY T.W. Roman
TELEPHONE (315)343-2110, X138

MONTH February 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	529	17	510
2	524	18	509
3	527	19	509
4	537	20	504
5	535	21	502
6	532	22	501
7	531	23	500
8	530	24	495
9	530	25	492
10	528	26	491
11	517	27	491
12	518	28	489
13	516	29	
14	463	30	
15	494	31	
16	512		

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220
UNIT NAME Nine Mile Point #1
DATE 3/10/81
COMPLETED BY T. Roman
TELEPHONE (315)343-2110, X1383

REPORT MONTH February 1981

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
8105	810214	S	0	H	8				Load reduction to 70% power to pull all rods out

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or 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

February 1981

The station operated with a monthly availability factor of 100% and a net design electrical capacity factor of 82.4%. During the entire month, #15 Reactor Recirculation Pump was out of service and isolated due to mechanical problems.

Capacity factor loss was due to the following:

For the entire month the unit operated with a thermal power limit of 91.5% (end of cycle thermal power derate).

On February 14 the unit was reduced to 70% power to withdraw the remaining non-fully withdrawn control rods to full-out position.

CLASS I WORK - MAINTENANCE - FEBRUARY 1981

#13774 Changed internals on spent fuel pool #12 Filter B.V.
#13780 Repacked Spent Fuel Pool Precoat Pump
#13779 Repacked #12 Spent Fuel Pool Circ. Pump
#13775 Changed internals on Spent Fuel Pool #12 Filter Precoat Inlet B.V.
#13772 Changed internals on Spent Fuel Pool Filter #11 Precoat Inlet B.V.
#13773 Changed internals on Spent Fuel Pool #11 Filter B.V.

CLASS I WORK - ELECTRICAL - FEBRUARY 1981

Maint. Surveillance Tests on MST #11 and 12 batteries

CLASS I WORK - INSTRUMENT AND CONTROL - FEBRUARY 1981

#13670 LPRM Flux Amp #20-25B, replaced transistor Q104
4691 #102 Fuel Oil Tank Lev. Ind.; installed new lev. indicator
#13778 #12 Spent Fuel Pool Circ. Pump cleaned and calibrated
#12308 Emergency cond. lev. controller, replaced amplifier
#13664 #12 APRM receiving rod blocks relay contact bent making poor contact