NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

The station operated during the month of February 1986 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 72.4%. There were no challenges to the Electromatic Relief Valves. Reductions in Capacity Factor were due to end of cycle coastdown.

CLASS I WORK - MECHANICAL MAINTENANCE - FEBRUARY 1986

WR#	32897	Install support 201.9-H5 (Installed support 201.9-H5 per DTM 3200-15)
WR#	37388	#11 CRD pump - check for noisy operation (rebuilt pump)
WR#	37208	#12 CRD filter (replaced strainer elements and O-rings)

CLASS I WORK - ELECTRICAL MAINTENANCE - FEBRUARY 1986

No Class I, Safety Related, Corrective Maintenance performed this month.

CLASS I WORK - INSTRUMENTATION & CONTROL - FEBRUARY 1986

WR#	37265	Containment spray raw water filter D/P switch, when trip set for 5.0 PSIG mercoid will not reset (replaced D/P switch)
WR#	37429	CRD pump #12 needs vibration analysis (vibration analysis satisfactory and replaced switch)
WR#	37772	#12 CRD pump vibration switch alarms when pump is not vibrating excessively (switch satisfactory)
WR#	35903	Control Room Emergency Ventilation System #11 has spurious trip on radiation element (secured wires in panel IS12)

IE24
1/1

OPERATING DATA REPORT

DOCKET NO 50-220
DATE 3/5/86
COMPLETED BY TW Roman
TELEPHONE (315)349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit I
2. Reporting Period: 2/1/86 thru 2/28/86
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	672.0	1416.0	144,985.2
12. Number Of Hours Reactor Was Critical	672.0	1262.0	102,501.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	672.0	1252.8	99,515.4
15. Unit Reserve Shutdown Hours	0.0	0.0	20.4
16. Gross Thermal Energy Generated (MWH)	950,712.0	1,844,275.0	166,340,033.0
17. Gross Electrical Energy Generated (MWH)	314,009.0	611,057.0	55,080,512.0
18. Net Electrical Energy Generated (MWH)	301,797.0	587,934.0	53,350,261.0
19. Unit Service Factor	100.0	88.5	69.0
20. Unit Availability Factor	100.0	88.5	69.0
21. Unit Capacity Factor (Using MDC Net)	73.6	68.1	60.6
22. Unit Capacity Factor (Using DER Net)	72.4	67.0	59.7
23. Unit Forced Outage Rate	0.0	11.5	15.4

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

Refuel Outage scheduled for March 1986, Duration: 14 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		

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
UNIT Nine Mile Pt. 1
DATE 3/5/86
COMPLETED BY TW Roman
TELEPHONE (315)349-2422

MONTH February 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	479	17	443
2	478	18	440
3	475	19	438
4	472	20	437
5	472	21	436
6	468	22	433
7	466	23	431
8	463	24	430
9	460	25	429
10	460	26	423
11	457	27	422
12	453	28	420
13	450	29	
14	449	30	
15	449	31	
16	445		

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

REPORT MONTH February 1986

DOCKET NO. 50-220
UNIT NAME Nine Mile Pt. 1
DATE 3/5/86
COMPLETED BY TW Roman
TELEPHONE (315)349-2422

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
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 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)

NMP-17344

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N.Y. 13202

THOMAS E. LEMPGES
VICE PRESIDENT—NUCLEAR GENERATION

March 5, 1986

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Attn: Document and Control Desk

Re: Docket No. 50-220
DPR-63

Dear Sir:

Submitted herewith is the Report of Operating Statistics and shutdown for February 1986 for the Nine Mile Point Nuclear Station Unit #1.

Also included is a narrative report of Operating Experience for February.

Very truly yours,

Thomas E. Lempges

Thomas E. Lempges
Vice President
Nuclear Generation

TEL/tg
Attachments
cc: Director, Office of IE (10 copies)

IE24
1/1