NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

September 1983

The Station operated during the month of September 1983 with a monthly availability factor of 100.0% and a net design electrical capacity factor of 91.3%. Reductions in capacity factor were due to warm circulating water temperatures from Lake Ontario and a planned load reduction on September 16 for control rod maneuvering.

CLASS I WORK - INSTRUMENTATION AND CONTROL - SEPTEMBER 1983

22724 - Liquid poison pump #11 dish. press. indicator reading high. (Recalibrated indicator)

22566 - Drywell CAM not responding to ck. source. (Replaced detector).

CLASS I WORK - MAINTENANCE - SEPTEMBER 1983

WR #22500 - Repaired fire door to ECIV Room - 9/7/83.
#22461 - Replaced union on cooling water line to #11 inst. air compressor
#22357 - Peele doors Rx. Bldg. Ext. replace seal on door
#20547 - CRD accumulator #02-23, repaired N_2 valve.

CLASS I WORK - ELECTRICAL - SEPTEMBER 1983

N1-MST-M1 - 125 VDC batteries, cell specific gravities and battery voltage

MO 3411 - Core spray/Rx. head vent valve logic mod.

IE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
UNIT 9 Mile Pt. #1
DATE 10/5/83
COMPLETED BY TW ROMAN for SCA
TELEPHONE (315)349-2422

MONTH Sept. 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	571	17	446
2	570	18	542
3	570	19	576
4	567	20	577
5	554	21	580
6	551	22	581
7	551	23	580
8	569	24	580
9	576	25	580
10	563	26	581
11	558	27	583
12	565	28	580
13	569	29	582
14	573	30	580
15	574	31	---
16	573		

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)

OPERATING DATA REPORT

DOCKET NO. 50-220
DATE 10/5/83
COMPLETED BY TW ROMAN
TELEPHONE (315)349-2422

OPERATING STATUS

1. Unit Name: 9 Mile Point Unit #1
2. Reporting Period: 9/1/83 - 9/30/83
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 630
6. Maximum Dependable Capacity (Gross MWe): 620
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):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6551	121,967.6
12. Number Of Hours Reactor Was Critical	720	2784.2	84,092.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	720	2716.8	81,279.3
15. Unit Reserve Shutdown Hours	0.0	0.0	20.4
16. Gross Thermal Energy Generated (MWH)	1,303,424.0	4,751,199.0	134,125,589.0
17. Gross Electrical Energy Generated (MWH)	420,859.0	1,550,024.0	44,293,114.0
18. Net Electrical Energy Generated (MWH)	407,489.0	1,501,262.0	42,893,913.0
19. Unit Service Factor	100.0	41.5	66.6
20. Unit Availability Factor	100.0	41.5	66.6
21. Unit Capacity Factor (Using MDC Net)	92.8	37.6	57.7
22. Unit Capacity Factor (Using DER Net)	91.3	37.0	56.7
23. Unit Forced Outage Rate	0.0	58.5	17.7

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

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1983

DOCKET NO. 50-220
UNIT NAME 9 Mile Pt. #1
DATE 10/5/83
COMPLETED BY TW ROMAN Source
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
8302	830916	S	29	H	1				Load reduction to 65% CTP to pull flux shaping control rods

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

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

NMP-7218

October 7, 1983

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 Experience for September 1983 for the Nine Mile Point Nuclear Station Unit #1.

Also included is a narrative report of Operating Experience for September 1983.

Sincerely,

Thomas E. Lempges

Thomas E. Lempges
Vice President
Nuclear Generation

TEL/jm
Attachments
cc: Director, Office of I&E (10 copies)

IE24
1/1