

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE

The station operated during the month of July 1985 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 93.9%. There were 0 challenges to Electromatic Relief Valves. Reductions in Capacity Factor were due to seasonally warm circulating water temperatures and a load reduction to adjust control rod pattern.

CLASS I WORK - MECHANICAL MAINTENANCE - JULY 1985

WR# 33431	94-01 Inst. Air Comp - replaced Blowdown Valve
WR# 32653	#114 FW Htr - installed Temp. shield collar
WR# 33448	210-03 Control Room Emergency Vent - replaced filter
WR# 30180	210-01 #11 Control Room Circ. Fan - replaced bearing blocks and motor
WR# 30925	100.1 pipe supports - comp as per letter from P. George

CLASS I WORK - ELECTRICAL MAINTENANCE - JULY 1985

WR# 33549	210-39A Control Room Vent System Position Indicator. Lubricated Switch.
WR# 33594	Core Spray Vent I.V.121. Replace coil wire.

CLASS I WORK - INSTRUMENTATION & CONTROL - JULY 1985

WR# 33374	LoLoLo 36-05A current too high (Readjusted high current gross failure pot.)
WR# 33617	Emergency Condenser 121 & 122 on shutdown panel #12 oscillates rapidly while control room indicator does not. (Replaced C1 and C2 power supply filters.)
WR# 33951	#14 APRM Rod block setting out of adjustment. (Adjusted per NISP3.1)

8508190496 850731
PDR ADOCK 05000220
R PDR

TEJ4
1/1

OPERATING DATA REPORT

DOCKET NO. 50-220
DATE 8/8/85
COMPLETED BY [Signature]
TELEPHONE 349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit I
2. Reporting Period: 7/1/85 TO 7/31/85
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	744	5,087	139,152.2
12. Number Of Hours Reactor Was Critical	744	5,057.1	97,772.8
13. Reactor Reserve Shutdown Hours	0	0	1,204.3
14. Hours Generator On-Line	744	5,042.3	94,847.6
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,368,331.0	9,123,707	158,413,157
17. Gross Electrical Energy Generated (MWH)	446,632	3,076,754	52,457,542
18. Net Electrical Energy Generated (MWH)	433,053	2,985,719	50,815,713
19. Unit Service Factor	100.0	99.1	68.2
20. Unit Availability Factor	100.0	99.1	68.2
21. Unit Capacity Factor (Using MDC Net)	95.4	96.2	59.9
22. Unit Capacity Factor (Using DER Net)	93.9	94.7	58.9
23. Unit Forced Outage Rate	3.0	3.0	3.1

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):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast

Achieved

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. #1

DATE 8/8/85

COMPLETED BY *Johnson*

TELEPHONE 349-2422

MONTH July 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	595
2	593
3	591
4	588
5	588
6	588
7	583
8	586
9	585
10	584
11	583
12	585
13	586
14	585
15	585
16	583

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	585
18	581
19	577
20	577
21	578
22	576
23	579
24	580
25	582
26	579
27	548
28	579
29	578
30	576
31	580

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1985

DOCKET NO. 50-220
 UNIT NAME 9 Mile Pr. #1
 DATE 8/8/85
 COMPLETED BY E. L. L. L.
 TELEPHONE 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
85-11	850727		20	H					Load Reduction To 75% For Control Rod Pattern Adjustment

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

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

August 7, 1985

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

Attn: Document and Control Desk

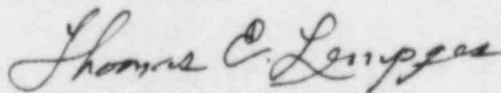
Re: Docket No. 50-220
DPR-63

Dear Sir:

Submitted herewith is the Report of Operating Statistics and shutdown for July 1985 for the Nine Mile Point Nuclear Station Unit #1.

Also included is a narrative report of Operating Experience for July 1985.

Very truly yours,



Thomas E. Lempges
Vice President
Nuclear Generation

TEL/tg
Attachments
cc: Director, Office of I&C (10 copies)

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