

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

The station operated during the month of September 1984 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 95.3%. There were 0 challenges to Electromatic Relief Valves. Reductions in Capacity Factor were due to warm circulating water temperatures and Rod Sequence Exchange.

CLASS I WORK - MECHANICAL MAINTENANCE - September 1984

WR# 28330 #11 FW Blocking valve BV 29-08, tighten packing
WR# 28751 CRD 34-19 Foot valve 111 - replaced packing and O-rings
WR# 28682 Flow Glass FG 54-61 leaks, replaced gaskets
WR# 23440 Installed new door bottoms on Control Room Doors D71 & D73
WR# 28664 CRD 30-47 Foot valve 111 - replaced packing

CLASS I WORK - INSTRUMENTATION & CONTROL - September 1984

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

CLASS I WORK - ELECTRICAL MAINTENANCE - September 1984

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

MO 1927 This major order involves updating station equipment for Equipment Qualification. The work performed includes wiring replacement solenoids, position limit switches and sealing the condulets. In addition, motor connections have been reworked and Limitorque operators inspected for replacement parts. The systems involved are H₂-O₂ Containment Radiation Monitoring, Core Spray, Reactor Building Closed Loop Cooling and Post Accident Sampling.

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PDR ADOCK 05000220
R PDR

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OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 10/3/84
 COMPLETED BY T.W. Roman
 TELEPHONE 315-349-2422

Ref

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: September 1984 9/1/84 - 9/30/84
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: _____

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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6576.0	131856.2
12. Number Of Hours Reactor Was Critical	720	4289.5	90590.7
13. Reactor Reserve Shutdown Hours	0	0	1204.2
14. Hours Generator On-Line	720	4226.5	87714.8
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1322794.0	7386876.0	145481316.0
17. Gross Electrical Energy Generated (MWH)	438954.0	2460438.0	48092219.0
18. Net Electrical Energy Generated (MWH)	425628.0	2384631.0	46579390.0
19. Unit Service Factor	100.0%	65.2%	68.7%
20. Unit Availability Factor	100.0%	64.3%	66.5%
21. Unit Capacity Factor (Using MDC Net)	96.9%	59.4%	57.9%
22. Unit Capacity Factor (Using DER Net)	95.3%	58.5%	57.0%
23. Unit Forced Outage Rate	0.0%	0.0%	16.7%

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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
 UNIT Nine Mile Pt. #1
 DATE 10/3/84
 COMPLETED BY T. W. Roman
 TELEPHONE (315) 349-2422

MONTH September 1984

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DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	584
2	588
3	587
4	598
5	585
6	590
7	592
8	591
9	594
10	590
11	589
12	589
13	590
14	588
15	546
16	600

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	595
18	598
19	598
20	597
21	597
22	596
23	597
24	597
25	597
26	595
27	597
28	596
29	597
30	596
31	

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

DOCKET NO. 50-220
UNIT NAME Nine Mile Pt #1
DATE 10/3/84
COMPLETED BY T.W. Roman
TELEPHONE (315) 349-2422

REPORT MONTH September 1984

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
8413	840914	S	16.5	H	1				Load Reduction to 66.3% CTP for Control Rod Sequence Exchange

¹
 F: Forced
 S: Scheduled

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

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OUTAGES - UNITS AND AUXILIARIES

MONTH Sept., YEAR 1984

UNIT NO.	EQUIPMENT	DAY	AVAILABLE ON	TIME	HOURS UNAVAILABLE	PARTIALLY UNAVAILABLE		REASONS / REPAIRS
						HOURS	CAP.	
1	Rx.	9/14/84		2200		16.5	66.3	Load Reduction for control rod sequence exchange # Norm. shutdown <u>0</u> # Rx. Scrams <u>0</u> # Hrs. Crit. <u>720</u>

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

October 9, 1984

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

Attn: Document and Control Desk

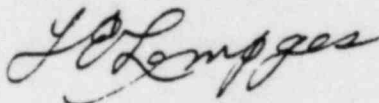
Re: Docket No. 50-220
DPR-63

Dear Sir:

Submitted herewith is the Report of Operating Statistics
and Shutdown for September 1984 for the Nine Mile Point Nuclear
Station Unit #1.

Also included is a narrative report of Operating Experience
for September 1984.

Very truly yours,



Thomas E. Lempges
Vice President
Nuclear Generation

TEL/lo
attachments

cc: Director, Office of I&E (10 copies)

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OCT 10 1984

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