



October 15, 1998  
NMP01477

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U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

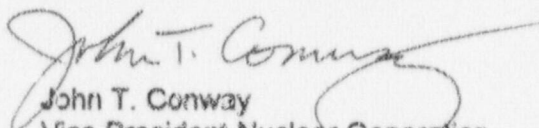
RE: Nine Mile Point Nuclear Station Unit #1  
Docket No. 50-220  
DPR-63

Subject: Operating Statistics and Shutdowns - September 1998

Gentlemen:

Submitted herewith is the Operating Data Report, Unit Shutdowns and Power Reductions, and a Narrative of Operating Experience for September 1998 for the Nine Mile Point Nuclear Station Unit #1. Submittal of this information complies with Section 6.9.1.c of the Unit #1 Technical Specifications.

Very truly yours,

  
John T. Conway  
Vice President Nuclear Generation

/s/  
Enclosures

pc: H.J. Miller, Regional Administrator, Region 1  
B.S. Norris, Senior Resident Inspector

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OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 10/07/98

PREPARED BY: R.S. Chase

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: **Nine Mile Point Unit #1**
2. Reporting Period: **September 1998**
3. Licensed Thermal Power (MWt): **1850**
4. Nameplate Rating (Gross Mwe): **642**
5. Design Electrical Rating (Net Mwe): **613**
6. Maximum Dependable Capacity (Gross Mwe): **584**
7. Maximum Dependable Capacity (Net Mwe): **565**
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:

Notes
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	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	720.0	6551.0	254,568.2
12. Number of Hours Reactor Was Critical	720.0	5900.2	172,902.6
13. Reactor Reserve Shutdown Hours	0	0	1,264.2
14. Hours Generator On-Line	720.0	5876.3	168,855.1
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,327,426.0	10,764,534.0	288,239,250.0
17. Gross Electrical Energy Generated (MWH)	428,840.0	3,602,105.0	95,954,998.0
18. Net Electrical Energy Generated (MWH)	416,833.0	3,505,579.0	93,065,707.0
19. Unit Service Factor	100.0	89.7	66.3
20. Unit Availability Factor	100.0	89.7	66.3
21. Unit Capacity Factor (Using MDC Net)	102.5	94.7	60.7
22. Unit Capacity Factor (Using DER Net)	94.4	87.3	59.0
23. Unit Forced Outage Rate	0.0	10.3	22.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):			

25. If shutdown At End of Report Period, Estimated Date of Startup:

OPERATING DATA REPORT  
NINE MILE POINT UNIT 1

DOCKET NO.: 50-220

DATE: 10/07/98

PREPARED BY: R. S. Close

TELEPHONE: (315) 349-2558

MONTH September 1998

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	574	17	580
2	574	18	578
3	575	19	579
4	574	20	577
5	574	21	573
6	575	22	581
7	574	23	586
8	574	24	585
9	575	25	582
10	578	26	584
11	579	27	585
12	595	28	586
13	595	29	586
14	580	30	585
15	580		
16	579		

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  
NINE MILE POINT UNIT 1

DOCKET NO: 50-220

UNIT NAME: NMP#1

DATE: 10/07/98

REPORT MONTH-September 1998

PREPARED BY: R. S. Close

TELEPHONE: (315) 349-2558

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No entries this month.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Exam  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-0181)

<sup>5</sup>  
Exhibit i-Same Source

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

The plant operated during the month of September 1998 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 94.4%. There were no challenges to the Electromatic Relief Valves or Safety Valves. Reductions in Capacity Factor were due to elevated lake temperatures and corresponding reductions in plant efficiency. Also, #15 Reactor Recirculation Pump was removed from service for preventive maintenance; the unit incurred a slight derate when returning the pump to service.