

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
AUTH. NAME AUTHOR AFFILIATION
CAROCCIO, C. Niagara Mohawk Power Corp.
DAHLBERG, K.A. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for July 1998 for Nine Mile Point,
Unit 2, W/980811 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		

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August 11, 1998
NMP2L 1817

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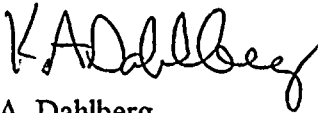
RE: Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

Subject: Monthly Operating Statistics for July 1998

Dear Sir:

Submitted herewith is the Operating Data Report, the Unit Shutdowns and Power Reductions, Narrative of Operating Experience, and Average Daily Unit Power Level for July 1998.

Very truly yours,



K. A. Dahlberg
Plant Manager - Unit 2

/db

Enclosures

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

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NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #2
NARRATIVE OF OPERATING EXPERIENCE

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 75.25% and an availability factor of 86.10% for the month of July 1998.

Nine Mile Point Unit Two completed refuel outage six (RF06) on July 5, 1998 at 0607 hours when the main generator was synchronized to the grid. Power ascension and testing continued until July 11, 1998 at 0915 hours, when the unit achieved 100% core thermal power.

On July 11, 1998 at 2042 hours, core thermal power was reduced to approximately 71% to perform a control rod pattern adjustment. Core pattern adjustments were completed and core thermal power was returned to 100% of rated on July 12, 1998 at 2344 hours.

On July 19, 1998 during an inspection of the feedwater pump breaker cubicles, small electrical arcs were observed in the supply breaker for 2FWS-P1A cubicle. At 0435 hours, core thermal power was lowered to approximately 55% to remove feedwater pump 2FWS-P1A from service. Feedwater pump 2FWS-P1C was placed in service and reactor core thermal power was returned to 100% of rated on July 20, 1998 at 0550 hours. Investigation determined that the feedwater pump 2FWS-P1A breaker cubicle heater had failed. The heater was replaced and the 2FWS-P1A was placed in standby.

There were no challenges to the safety relief valves during this report period.



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OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 980804

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: JULY 1998
- 3. Licensed Thermal Power (MWt): 3467
- 4. Nameplate Rating (Gross MWe): 1259
- 5. Design Electrical Rating (Net MWe): 1143
- 6. Maximum Dependable Capacity (Gross MWe): 1169.67
- 7. Maximum Dependable Capacity (Net MWe): 1105.44
- 8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reason: None.
- 9. Power Level To Which Restricted, If Any (Net MWe): None.
- 10. Reasons For Restrictions, If Any: None.

Items 21 and 22 Cum. are weighted values.

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	744.00	5,087.00	90,480.00
12. Number of Hours Reactor was Critical	710.15	3,615.38	68,297.51
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	640.58	3,542.90	65,910.02
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	1,946,162.40	11,054,731.75	210,828,610.44
17. Gross Electrical Energy Generated (MWH)	656,849.28	3,779,090.70	70,776,841.91
18. Net Electrical Energy Gen. (MWH)	618,885.78	3,563,640.33	66,672,144.03
19. Unit Service Factor	86.10%	69.65%	72.84%
20. Unit Availability Factor	86.10%	69.65%	72.86%
21. Unit Capacity Factor (Using MDC Net)	75.25%	63.37%	69.34%
22. Unit Capacity Factor (Using DER Net)	72.78%	61.29%	67.13%
23. Unit Forced Outage Rate	0.00%	0.00%	12.07%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): None			
25. If Shut Down At End of Report Period, Estimated Date of Startup:			
26. Unit in Test Status (Prior to Commercial Operation):			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY		05/23/87
INITIAL ELECTRICITY		08/08/87
COMMERCIAL OPERATION		04/05/88



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APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 980804
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

MONTH JULY 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1125
2	0	18	1131
3	0	19	920
4	0	20	1110
5	123	21	1121
6	222	22	1122
7	235	23	1127
8	511	24	1134
9	746	25	1138
10	788	26	1136
11	1078	27	1130
12	918	28	1127
13	1122	29	1127
14	1127	30	1132
15	1122	31	1135
16	1120		



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 980803

REPORT MONTH - JULY 1998

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

No.	Date	Type ¹	Duration (Hours)	Reasons ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
98-03 (cont'd)	980701	S	102.12	C	2	n/a	n/a	n/a	Refuel Outage (RF06) completed July 5, 1998 @ 0607 hours.
98-04	980705	S	0	B	4	n/a	n/a	n/a	Power ascension from Refuel Outage
98-05	980711	S	0	H	4	n/a	n/a	n/a	Rod pattern adjustments
98-06	980719	F	0	A	4	n/a	FWS	2NPS-SWG001-8	Feedwater pump 2FWS-P1A, breaker cubicle failed. Swapped feedwater pump, replace heater.

¹
F: Forced
S: Scheduled

²
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)

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



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