

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #2

SUMMARY OF OPERATING EXPERIENCE

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 102.55% and an availability factor of 100.00% for the month of March 1999.

On March 15, 1999 at 1605 hours, while placing a condensate demineralizer in service, Nine Mile Point Unit Two experienced an unplanned power change of approximately 10 MWt. Investigation determined that the decrease in core thermal power was a result of anion resin fines entering the reactor. As water chemistry stabilized, core thermal power was restored to 100% of rated at approximately 2100 hours.

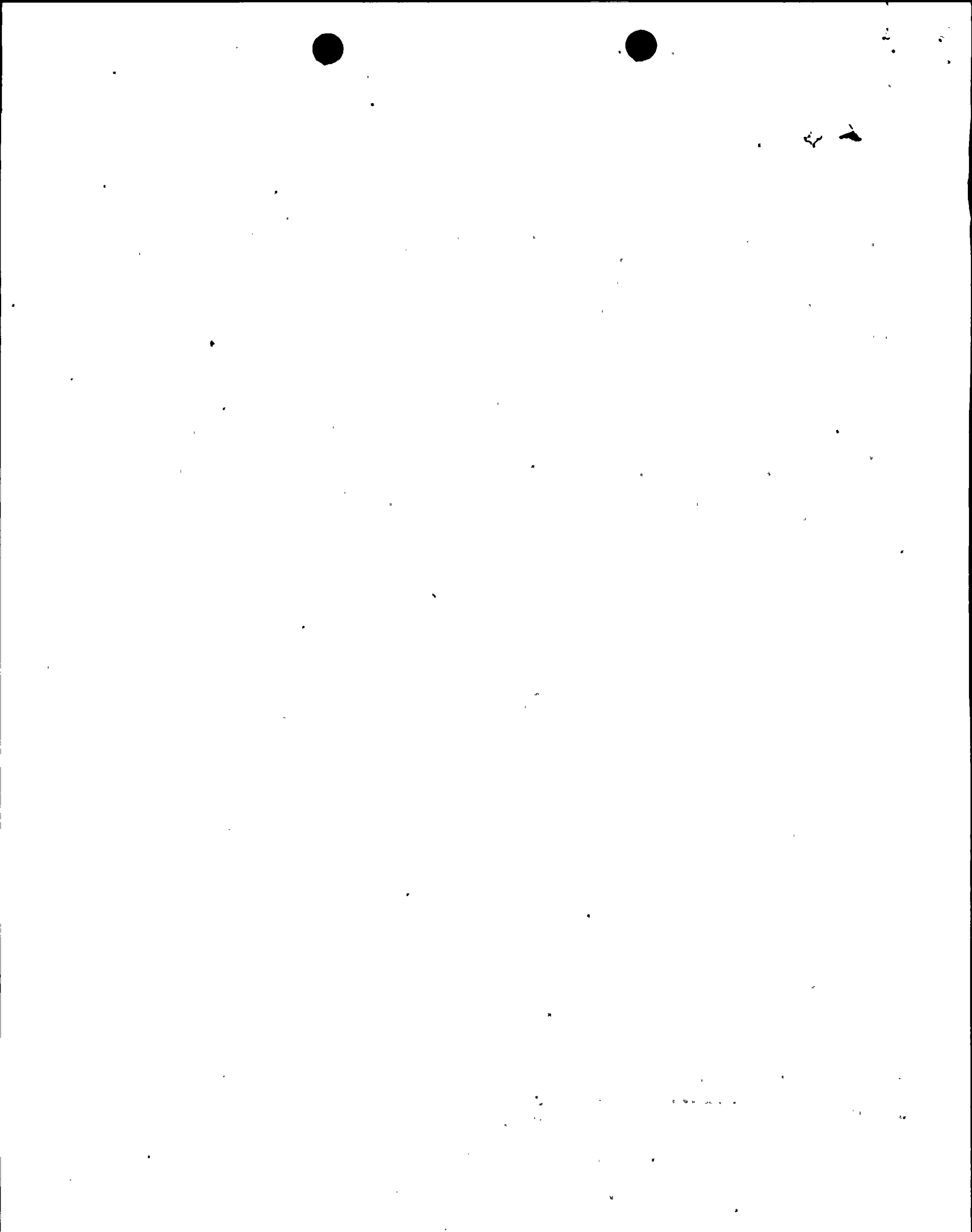
On March 20, 1999 at 1907 hours a planned down power to approximately 55% commenced. Pump 2FWS-P1B was shut down, 2FWS-P1A was put into service and power restoration commenced at 0106 hours on March 21, 1999. The unit returned to 100% of rated at approximately 0755 hours.

On March 25, 1999 at 0405 hours, while placing a condensate demineralizer in service, Nine Mile Point Unit Two experienced an unplanned power change of approximately 27 MWt. Investigation determined that the decrease in core thermal power was a result of resin beads entering the reactor. The demineralizer was removed from service and inspected. Four loose resin retention elements were found and believed to have bypassed the resins to the reactor. As water chemistry stabilized, core thermal power was restored to 100% of rated core thermal power at 1345 hours.

There were no challenges to the safety relief valves during March, 1999.

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OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 990405

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

Unit Name: Nine Mile Point Unit #2

Reporting Period: MARCH 1999

- 1. Design Electrical Rating (Net MWe): 1143
- 2. Maximum Dependable Capacity (Net MWe): 1123.4

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	744.00	2,160.00	73,976.83
4. Hours Generator On-Line	744.00	2,160.00	71,557.29
5. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Gen. (MWH)	857,148.54	2,481,603.80	72,897,265.27



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UNIT SHUTDOWNS

DOCKET NO: 50-410

UNIT NAME: NMI#2

DATE: 990405

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

APPENDIX B REPORTING PERIOD - MARCH 1999

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reasons ¹	Method of Shutting Down ²	Cause & Corrective Actions Comments
-- None --						

¹ 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)

² Method:

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation
- 5-Other (Explain)

