

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION_NBR: 9709240282 DOC: DATE: ~~97/08/31~~ NOTARIZED: NO DOCKET #
 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 ~~Aug 1977~~ for Nine Mile Point
 Nuclear Station Unit 2.W/970915 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

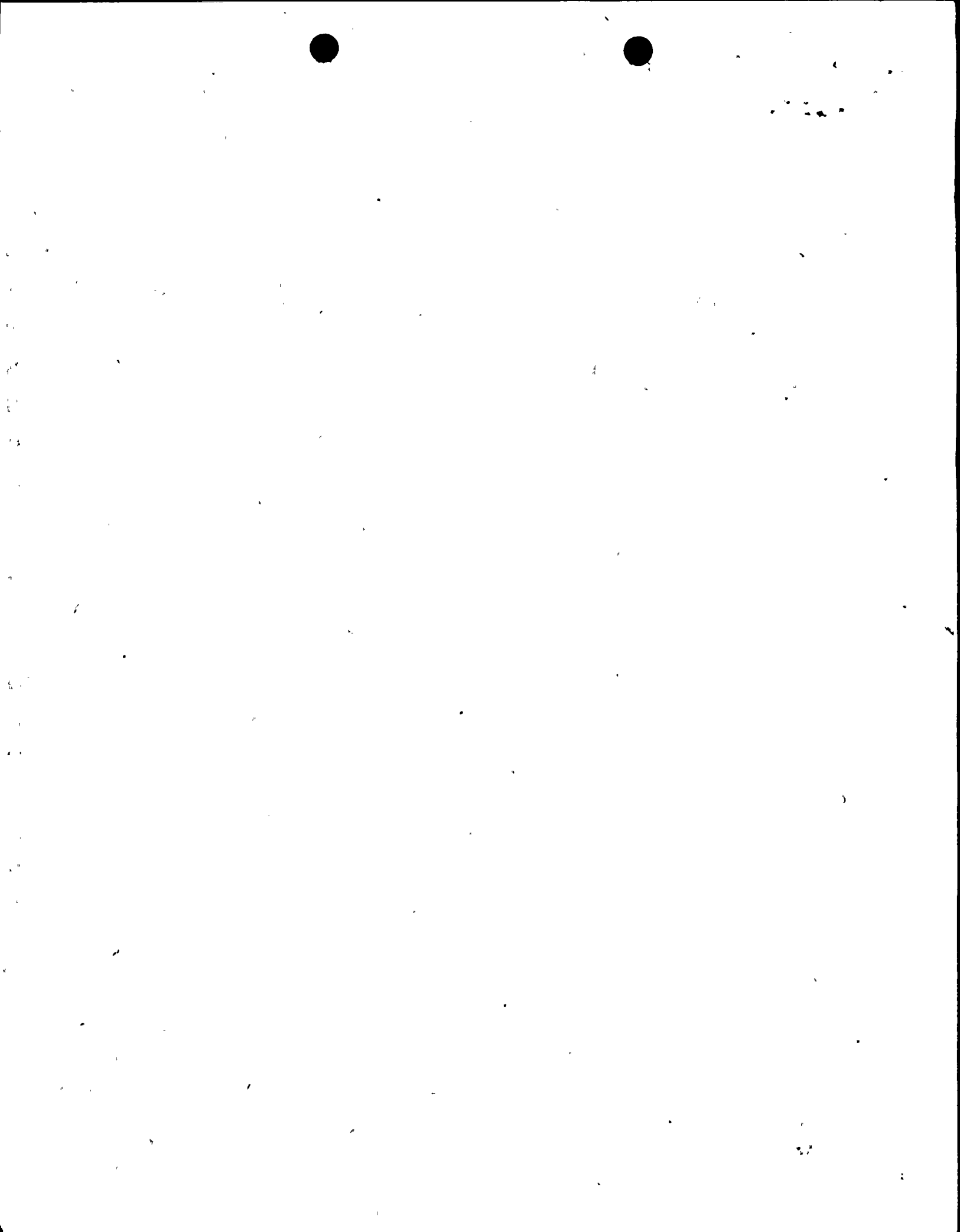
	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	PD1-1 PD		1	1		HOOD, D		1	1
INTERNAL:	ACRS		1	1		AEOD/SPD/RRAB		1	1
	<u>FILE CENTER</u>		1	1		NRR/DRPM/PECB		1	1
	OC/DBA/PAD		1	1		RGN1		1	1
EXTERNAL:	LITCO BRYCE, J H		1	1		NOAC		1	1
	NRC PDR		1	1					

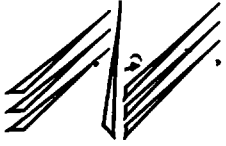
C
A
T
E
G
O
R
Y
1
D
O
C
U
M
E
N
T

NOTE TO ALL "RIDS" RECIPIENTS:
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS
 OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL
 DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTR 11 ENCL 11

ml





NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093

September 15, 1997
NMP2L 1725

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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

Subject: Operating Statistics, Unit Shutdowns and Power Reductions for August 1997

Gentlemen:

Submitted herewith is the Report of Operating Statistics, the Unit Shutdown and Power Reductions Summary, and a Narrative Report of Operational Experience for August 1997.

Very truly yours,

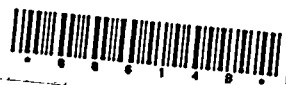
Kim A. Dahlberg
Plant Manager - NMP2

/dc
Enclosures

xc: Mr. H. J. Miller, Regional Administrator, Region I
Mr. B. S. Norris, Senior Resident Inspector
Records Management

IE24/1

9709240282 970915
PDR ADCK 05000410
R PDR





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

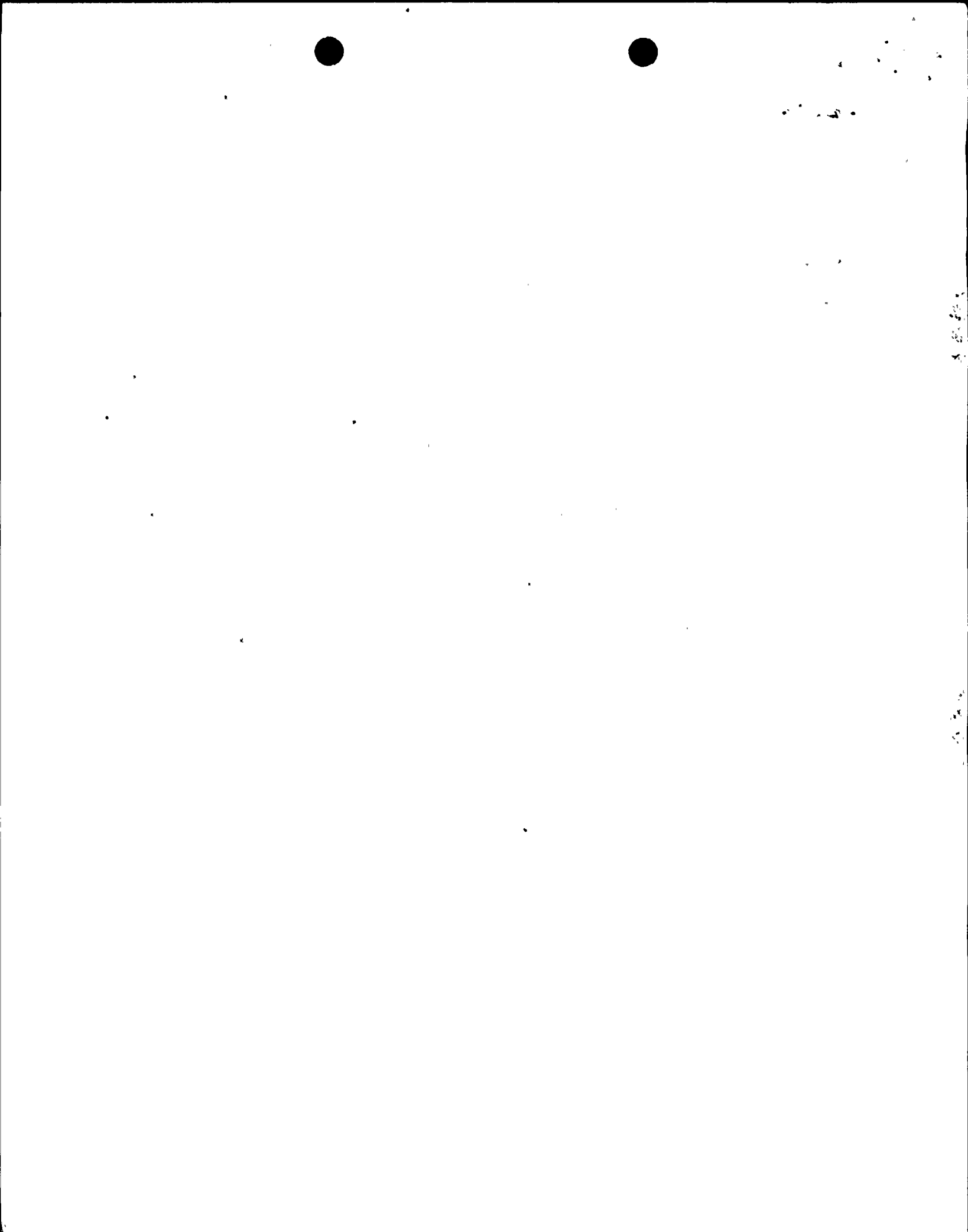
Nine Mile Point Unit Two operated with a capacity factor of 74.05% MDC and an availability factor of 80.49% for the month of August 1997.

Nine Mile Point Unit Two remains restricted to 95% core thermal power due to removing both "A" and "B" MSR's from service in June, 1997. (See June 1997 narrative)

On August 1, 1997 at 2400 hours, Nine Mile Point Unit Two reduced core thermal power to 75% for a control rod pattern adjustment. Reactor core thermal power was returned to 95% on August 2, 1997 at 1800 hours.

On August 4, 1997 at 0600 hours, with increasing drywell leakage from an unidentified source, Nine Mile Point Unit Two began an orderly shutdown. The reactor was manually scrammed at 0714 hours. The increased drywell leakage was identified as coming from a leaking flex hose on the "B" recirculation flow control valve body drain. The flex hose was replaced and reactor core thermal power returned to 95% on August 11, 1997 at 0036 hours.

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



OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 09/04/97

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

- 1. Unit Name: Nine Mile Point Unit #2
- 2. Reporting Period: AUGUST 1997
- 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): 95% (Approx. 1086)
- 10. Reasons For Restrictions, If Any: Unit running with both "A" and "B" Moisture Separator Reheaters out-of-service.

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	5,831.00	82,464.00
12. Number of Hours Reactor was Critical	627.63	5,579.18	61,878.23
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	598.85	5,505.02	59,591.60
15. Unit Reserve Shutdown Hours	0.00	0.00	12.98
16. Gross Thermal Energy Generated (MWH)	1,917,190.08	18,369,339.45	190,785,025.01
17. Gross Electrical Energy Generated (MWH)	646,043.28	6,327,232.91	63,926,664.28
18. Net Electrical Energy Gen. (MWH)	609,007.22	5,980,880.76	60,211,389.66
19. Unit Service Factor	80.49%	94.41%	72.26%
20. Unit Availability Factor	80.49%	94.41%	72.28%
21. Unit Capacity Factor (Using MDC Net)	74.05%	92.79%	68.99%
22. Unit Capacity Factor (Using DER Net)	71.61%	89.74%	66.80%
23. Unit Forced Outage Rate	19.51%	2.57%	12.04%

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):

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



Handwritten marks and characters in the top right corner, including what appears to be the number '10' and some illegible symbols.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-410
UNIT: NMP2
DATE: 09/04/97
PREPARED BY: C. Caroccio
TELEPHONE: (315) 349-4615

MONTH AUGUST 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1047	17	1056
2	954	18	1059
3	1048	19	1060
4	974	20	1056
5	0	21	1059
6	0	22	1058
7	0	23	1055
8	0	24	1055
9	0	25	1054
10	338	26	1052
11	788	27	1049
12	1016	28	1051
13	1044	29	1051
14	1052	30	1052
15	1054	31	1052
16	1041		



Handwritten marks and scribbles in the top right corner, including a cluster of small dots and a faint line.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 09/04/97

REPORT MONTH - AUGUST 1997

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
97-09	970801	S	0	H	4	N/A	N/A	N/A	Reactor Core Thermal Power reduced to 75% for control rod pattern adjustments.
97-10	970804	F	145.15	A	2	97-06	RCS	2RCS*HOSE40	Reactor shutdown to replace leaking flex hose on "B" recirculation flow control valve body drain.

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



11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100