

50-220

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MONTHLY REPORT

TO: NRC

FROM: NIAGARA MOHAWK CORP
SYRACUSE, NY
R R SCHNEIDER

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DESCRIPTION
LETTER TRANS THE FOLLOWING:

PLANT NAME: NINE MILE PT #1

ENCLOSURE
MONTHLY REPORT FOR FEB 1976
PLANT & COMPONENT OPERABILITY & AVAILABILITY. THIS REPORT TO BE USED IN PREPARING GRAY BOOK BY PLANS & OPERATIONS.

SAFETY

FOR ACTION/INFORMATION

ENVIRO

3-23-76 RB

<input checked="" type="checkbox"/>	MIPC		
	W/4 CYS FOR ACTION		

INTERNAL DISTRIBUTION

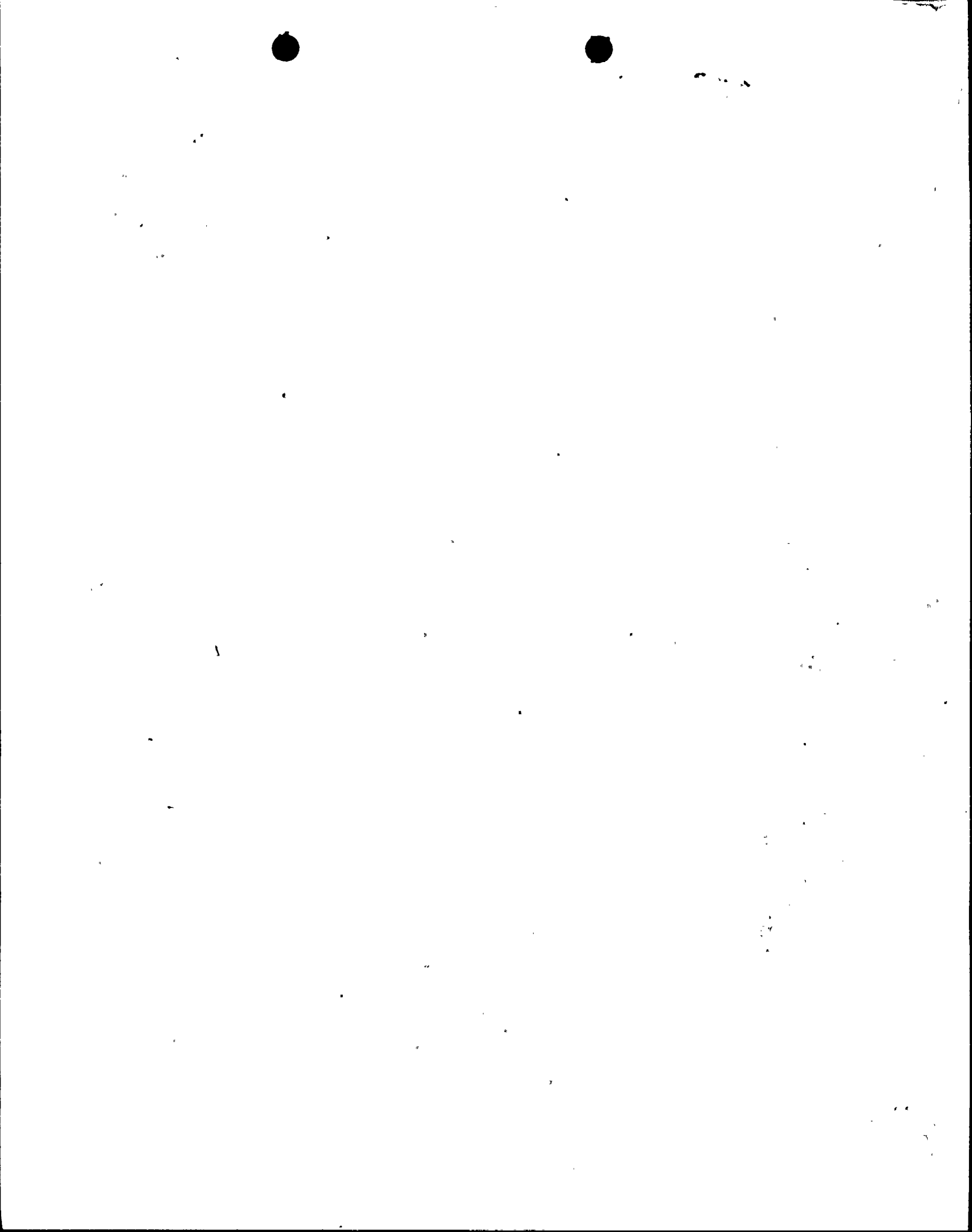
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EXTERNAL DISTRIBUTION

CONTROL NUMBER

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

March 5, 1976




Office of Plans & Schedules
Directorate of Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20545

RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for the month of February 1976 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

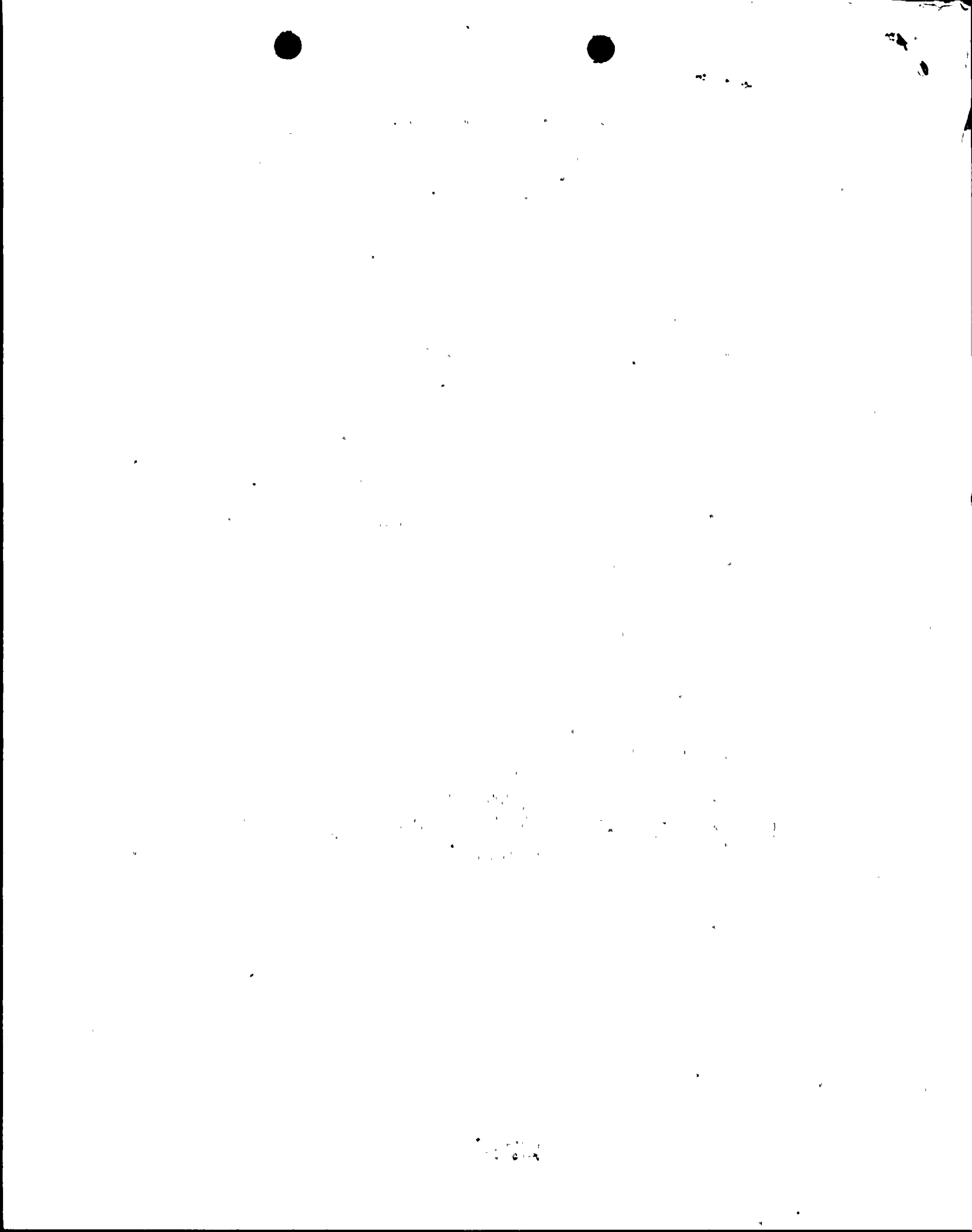

R.R. Schneider
Vice President -
Electric Operations

aih

Enc.

cc: RO:I

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UNIT NAME

* THIS UNIT NOT YET IN COMMERCIAL OPERATION

Nine Mile Point #1

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

REACTOR AVAILABILITY (%)	100%	UNIT AVAILABILITY (%)	100%	UNIT CAPACITY (%)	89.5%	FORCED OUTAGE RATE (%)	0
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UNIT SHUTDOWNS/REDUCTIONS

- | | |
|---------|---------|
| 1. 572 | 16. 521 |
| 2. 569 | 17. 535 |
| 3. 574 | 18. 546 |
| 4. 566 | 19. 551 |
| 5. 520 | 20. 552 |
| 6. 557 | 21. 555 |
| 7. 555 | 22. 552 |
| 8. 524 | 23. 548 |
| 9. 547 | 24. 545 |
| 10. 546 | 25. 545 |
| 11. 546 | 26. 545 |
| 12. 543 | 27. 545 |
| 13. 540 | 28. 545 |
| 14. 522 | 29. 548 |
| 15. 529 | |

1. REPORTING PERIOD:	760201-760229		GROSS HOURS IN REPORTING PERIOD:	696
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe):	1850	MAX. DEPEND. CAPACITY (MWe NET):	610	
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe NET)	None.			
4. REASONS FOR RESTRICTIONS (IF ANY):				
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	THIS MONTH	YR. TO DATE	CUMULATIVE TO DATE	
	696	1440	39,277.9	
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	785.7	
7. HOURS GENERATOR ON LINE	696	1440	17,219	
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0	
9. GROSS THERMAL ENERGY GENERATED (MMH)	1161310	2458640	58673186	
10. GROSS ELECTRICAL ENERGY GENERATED (MMH)	391948	830627	19323730	
11. NET ELECTRICAL ENERGY GENERATED (MMH)	380178	804929	18723023	
12. REACTOR AVAILABILITY FACTOR ^{1/}	100%	100%	717%	
13. UNIT AVAILABILITY FACTOR ^{2/}	100%	100%	68.0%	
14. UNIT CAPACITY FACTOR ^{3/}	89.5%	91.6%	55.8%	
15. UNIT FORCED OUTAGE RATE ^{4/}	0	0	12.7	

NUMBER	DATE	TYPE OF FORCED SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS

Plant derated 60 MW(e) due to fuel thermal limitations.

16. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	DATE FORECASTED	DATE ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICAL POWER GENERATION	_____	_____
COMMERCIAL OPERATION	_____	_____

_____ Maximum Dependable Capacity (MWe NET)

----- Restricted Power Level (if applicable)

- * A. Equipment Failure
- B. Maintenance In Test
- C. Fueling
- D. Regulatory Restrictions
- E. Operator Training and License Examination
- F. Submergence
- G. Operational Error
- H-Other (Explain)

- ** 1. Manual
- 2. Manual Scram
- 3. Automatic Scram

SUMMARY

$$1/ \text{ Reactor Availability Factor} = \frac{\text{Hours Reactor was critical} \times 100}{\text{Gross Hours in reporting period}}$$

$$2/ \text{ Unit Availability Factor} = \frac{\text{Hours Generator on Line} \times 100}{\text{Gross Hours in report period}}$$

$$3/ \text{ Unit Capacity Factor} = \frac{\text{Net Electrical Power Generated} \times 100}{\text{Max. Dependable Capacity} \times \text{Gross Hrs. in report period}}$$

$$4/ \text{ Unit Outage Rate} = \frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} + \text{Forced Outage Hours}}$$

Utility Data Prepared By: *T.J. Perkins*
J.C.R. Seiber

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