

UNIT THREE MILE ISLAND - UNIT 1

DATE 12/5/74

COMPLETED BY L. L. LAWYER

TEL. NO. (215) 929-3601 Ext. 567

DAILY PLANT POWER OUTPUT

MONTH NOVEMBER

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>596</u>	21	<u>-28</u>
2	<u>386</u>	22	<u>583</u>
3	<u>686</u>	23	<u>707</u>
4	<u>813</u>	24	<u>807</u>
5	<u>806</u>	25	<u>810</u>
6	<u>806</u>	26	<u>821</u>
7	<u>805</u>	27	<u>814</u>
8	<u>806</u>	28	<u>815</u>
9	<u>803</u>	29	<u>575</u>
10	<u>806</u>	30	<u>519</u>
11	<u>809</u>	31	<u>---</u>
12	<u>808</u>		
13	<u>807</u>		
14	<u>802</u>		
15	<u>812</u>		
16	<u>815</u>		
17	<u>339</u>		
18	<u>-16</u>		
19	<u>-11</u>		
20	<u>-25</u>		

1505 315

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# OPERATING STATUS

- REPORTING PERIOD: 0001,741101 THROUGH 0400,741130  
GROSS HOURS IN REPORTING PERIOD: 720
- CURRENTLY AUTHORIZED POWER LEVEL MWt 2535 MWe-NET 92 (MAXIMUM DEPENDABLE CAPACITY - MDC)
- POWER LEVEL TO WHICH RESTRICTED (IF ANY): NONE
- REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOUR REACTOR WAS CRITICAL . . . . .	638.3	1838.8	183.8
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .	0	0	0
7. HOURS GENERATOR ON-LINE . . . . .	623.5	1816.0	1816.0
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH) . . . . .	1,437,041	4,357,209	4,357,209
10. GROSS ELECTRICAL POWER GENERATED (MWH) . . . . .	485,655	1,474,527	1,474,527
11. NET ELECTRICAL POWER GENERATED (MWH) . . . . .	452,985	1,379,359	1,379,359
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	88.7%	85.1%	85.1%
13. UNIT AVAILABILITY FACTOR (2) . . . . .	86.6%	84.0%	84.0%
14. UNIT CAPACITY FACTOR (3) . . . . .	79.4%	80.6%	80.6%
15. FORCED OUTAGE RATE (4) . . . . .	13.4%	5.0%	5.0%

- SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):  
NONE

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- IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOT APPLICABLE
- UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): NOT APPLICABLE

- REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- UNIT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- UNIT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MDC (MWe - net)} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

SUMMARY: The unit operated at power for the entire month except for (a) two power reductions which were necessary to enable leaks to be secured on one of the auxiliary condensers, and (b) one plant shut-down during which a faulty control rod drive motor was repaired.

UNIT NAME THREE MILE ISLAND - UNIT 1

DATE 12/5/74

COMPLETED BY L.L. LAWYER

TEL. NO. (215) 929-3601 Ext. 567

REPORT MONTH NOVEMBER 1974

# PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
79	11/01/74	F	0.0	A	N/A	Power reduced to enable securing of an Auxiliary Condenser tube leak (non-nuclear equipment).
80	11/17/74	F	96.5	A	A	Reactor shut-down was necessary to be in compliance with the Technical Specifications because of an inability to sufficiently decrease the reactor power/imbalance set point envelope (nuclear equipment) following a dropped rod condition. The dropped rod condition was caused by a faulty rod drive motor stator winding (nuclear equipment), which was replaced during the shut-down.
81	11/29/74	F	0.0	A	N/A	Power reduced to enable securing of an Auxiliary Condenser tube leak (non-nuclear equipment).

(1) REASON:  
A-EQUIPMENT FAILURE (EXPLAIN)  
B-MAINT. OR TEST  
C-REFUELLING  
D-REGULATORY RESTRICTION  
E-OPERATOR TRAINING AND  
  LICENSE EXAMINATION  
F-ADMINISTRATIVE  
G-OPERATIONAL ERROR  
  (EXPLAIN)  
H-OTHER

(2) METHOD:  
A-MANUAL  
B-MANUAL SCRAM  
C-AUTOMATIC SCRAM

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