UNIT Three Mile Island Unit 1

DATE October 8, 1975

COMPLETED BY L. L. Lawyer

TEL. NO. 215-929-3601, Ext. 567

DAILY PLANT POWER OUTPUT

MONTH SEPTEMBER, 1975

DAY	AVERAGE DAILY MWe-net	DAY	AVERAGE DAILY MWe-net
1	795	21	791
2	792	22	798
3	793	23	797
4	791	24	79[illegible]
5	792	25	796
6	786	26	75[illegible]
7	519	27	-22
8	788	28	- 7
9	792	29	- 5
10	793	30	- 5
11	788	31	NA
12	784		
13	797		
14	777		
15	800		
16	798		
17	795		
18	791		
19	790		
20	786		

1505 276

UNIT NAME Three Mile 1 and Unit 1

DATE October 8, 1975

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TEL. NO. 215-929-3601, Ext. 567

OPERATING STATUS

1. REPORTING PERIOD: 0001, 750901 THROUGH 2400, 750930

   GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2535 MWe-NET 792 (MAXIMUM DEPENDABLE CAPACITY - MDC)

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY): N/A

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	625.7	5845.7	8428.5
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	624.1	5665.6	8225.6
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH)	1,549,595	13,893,182	20,089,584
10. GROSS ELECTRICAL POWER GENERATED (MWH)	516,749	4,667,471	6,777,141
11. NET ELECTRICAL POWER GENERATED (MWH)	485,870	4,376,084	6,353,896
12. REACTOR AVAILABILITY FACTOR (1)	86.9%*	89.2%*	89.1%*
13. UNIT AVAILABILITY FACTOR (2)	86.7%	86.5%	87.0%
14. UNIT CAPACITY FACTOR (3)	85.2%	84.3%	84.8%
15. FORCED OUTAGE RATE (4)	0.0	8.3%	6.9%

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): Refueling: January 18, 1976: 8 weeks

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: October 6, 1975

18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): NOT APPLICABLE

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(1) REACTOR AVAILABILITY FACTOR= $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(2) UNIT AVAILABILITY FACTOR= $\frac{\text{HOURS GENERATOR ON-LINE \& UNIT RESERVE SHUTDOWN HOURS}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(3) UNIT CAPACITY FACTOR= $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MDC (MWe - net) * GROSS HOURS IN REPORTING PERIOD}} * 100$

(4) FORCED OUTAGE RATE= $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} * 100$

* Computed in accordance with new definition of proposed Reg. Guide 1.16, Rev. 4 (dated August 1975).

SUMMARY: The Unit operated at essentially full power from September 1 to September 26 with the following exceptions. On September 7 power was reduced to allow access to RC-P-1A for examination, and power was reduced on September 14 to perform work on transmission lines. At 2200 hrs. on September 26, Unit shutdown commenced to repair RC-P-1A which has been experiencing high vibration levels. The Unit is expected to return to service on October 6.

UNIT NAME Three Mile Island Unit 1

DATE October 8, 1975

COMPLETED BY J. L. Lawyer

TEL. NO. 215-929-3601, Ext. 567

REPORT MONTH September, 1975

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
14	9/07/75	S	0.6	B	NA	Verify vibration of Reactor Coolant Pump 1A (Nuclear Equipment)
15	9/26/75	S	95.9	B	A	Repair RC-P-1A to reduce vibration (Nuclear Equipment)

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
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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UNIT Three Mile Island Unit 1

DATE September 8, 1975

COMPLETED BY L. L. Lawyer

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

OPERATING STATUS

1. REPORTING PERIOD: 0001, 75-08-01 THROUGH 2400, 75-08-31

   GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2535 MWe-NET 792 (MAXIMUM DEPENDABLE CAPACITY - MDC)

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY): Not Applicable

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	744	5220	7802.8
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	744	5041.5	7601.5
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH)	1,872,655	12,343,587	18,539,989
10. GROSS ELECTRICAL POWER GENERATED (MWH)	618,111	4,150,722	6,260,392
11. NET ELECTRICAL POWER GENERATED (MWH)	582,511	3,890,214	5,868,026
12. REACTOR AVAILABILITY FACTOR (1)	100%	89.5%	89.3%
13. UNIT AVAILABILITY FACTOR (2)	100%	86.5%	87.0%
14. UNIT CAPACITY FACTOR (3)	98.9%	84.2%	84.8%
15. FORCED OUTAGE RATE (4)	0%	9.2%	7.4%

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): Refueling: January 17, 1976; 8 weeks
    Corrective Maintenance: September 13, 1975; 1 week

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NA

18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): NOT APPLICABLE

(1) REACTOR AVAILABILITY FACTOR= $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(2) UNIT AVAILABILITY FACTOR= $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(3) UNIT CAPACITY FACTOR= $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MDC (MWe - net) * GROSS HOURS IN REPORTING PERIOD}} * 100$

(4) FORCED OUTAGE RATE= $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} * 100$

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