

OPERATING DATA REPORT

Docket No. 50-289

Date October 15, 1979

Completed By D. G. Mitchell

Telephone (215) 921-6579

OPERATING STATUS

1. Unit Name: Three Mile Island Unit 1
2. Reporting Period: September
3. Licensed Thermal Power (MWt): 2535
4. Nameplate Rating (Gross MWe): 871
5. Design Electrical Rating (Net MWe): 819
6. Max. Dependable Capacity (Gross MWe): 840
7. Max. Dependable Capacity (Net MWe): 776
8. If Changes Occur in Capacity Ratings (Items No. 3 through 7) Since Last Report, Give Reasons:

9. Power Level to which Restricted. If Any (Net MWe): _____
10. Reasons for Restrictions, If Any: _____

	Month	Yr. to Date	Cumulative
11. Hours in Reporting Period	<u>720</u>	<u>6551</u>	<u>44520</u>
12. No. of Hours Reactor was Critical	<u>0.0</u>	<u>1128.0</u>	<u>31731.8</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>838.5</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>1128.0</u>	<u>31180.9</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>2828448</u>	<u>76531071</u>
17. Gross Elect. Energy Generated (MWH)	<u>0</u>	<u>945996</u>	<u>25484330</u>
18. Net Electrical Energy Generated (MWH)	<u>-3160</u>	<u>858713</u>	<u>23850728</u>
19. Unit Service Factor	<u>0.0</u>	<u>17.2</u>	<u>70.0</u>
20. Unit Availability Factor	<u>0.0</u>	<u>17.2</u>	<u>70.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0.6</u>	<u>16.9</u>	<u>67.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0.5</u>	<u>16.0</u>	<u>65.4</u>
23. Unit Forced Outage Rate	<u>100.0</u>	<u>79.6</u>	<u>16.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down at End of Report Period, Estimated Date of Startup: April 1, 1980

26. Units In Test Status (Prior to Commercial Operation):	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

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UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH September

Docket No. 50-289
Unit Name Three Mile Island 1
Date October 15, 1979
Completed By D. G. Mitchell
Telephone (215) 921-6579

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report Number	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
1	9/1/79	F	720	D	1				Regulatory Restraint Order

¹F: Forced
S: Scheduled

²Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & Licensee Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

⁴Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

⁵Exhibit 1 - Same Source

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REFUELING INFORMATION REQUEST

1. Name of Facility:

Three Mile Island Nuclear Station, Unit 1

POOR ORIGINAL

2. Scheduled date for next refueling shutdown:

Unknown

3. Scheduled date for restart following refueling:

Unknown

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If answer is yes, in general, what will these be?

If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

If no such review has taken place, when is it scheduled?

Amendment No. 50, Cycle 5 reload, was approved on 3-16-79.

5. Scheduled date(s) for submitting proposed licensing action and supporting information:

N/A

6. Important licensing considerations associated with refueling, e.g. new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

N/A

7. The number of fuel assemblies (a) in the core, and (b) in the spent fuel storage pool:

(a) 177

(b) 212

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

The present licensed capacity is 758. There are no planned increases at this time.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

1986 is the last refueling discharge which allows full core off-load capacity (177 fuel assemblies).

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OPERATING SUMMARY

Unit I remains in cold shutdown with the "A" Decay Heat Removal System providing core cooling. On September 6, 1979, core cooling shifted from the "B" to the redundant "A" Decay Heat Removal string. The transfer resulted from a failure of the coupling between the "B" Decay Heat pump and motor. Repairs to the coupling were completed on September 12, 1979.

MAJOR SAFETY RELATED MAINTENANCE SUMMARY

While the primary plant was being cooled, using the "A" Decay Heat system, the damaged "B" Decay Heat pump coupling was replaced. Following replacement, cold and hot alignment checks and additional testing were performed. All testing proved satisfactory and the pump was returned to service. The cause of the failure was determined to be a lack of lubrication in the coupling spider.

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