

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 11/9/79
 COMPLETED BY G. H. Howlett
 TELEPHONE 203/447-1791 X364

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: October 1979
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 909
5. Design Electrical Rating (Net MWe): 870
6. Maximum Dependable Capacity (Gross MWe): 895
7. Maximum Dependable Capacity (Net MWe): 864
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

None

Notes *Items 21 and 22, Year to Date and Cumulative are computed using a weighted average.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,296</u>	<u>33,744</u>
12. Number Of Hours Reactor Was Critical	<u>744.4</u>	<u>4,900.1</u>	<u>24,427.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>71.7</u>	<u>2,072.4</u>
14. Hours Generator On-Line	<u>743.5</u>	<u>4,752.2</u>	<u>23,183.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>109.4</u>	<u>335.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,991,854</u>	<u>12,202,873</u>	<u>56,085,106</u>
17. Gross Electrical Energy Generated (MWH)	<u>656,000</u>	<u>4,020,710</u>	<u>18,049,511</u>
18. Net Electrical Energy Generated (MWH)	<u>632,930</u>	<u>3,853,600</u>	<u>17,270,291</u>
19. Unit Service Factor	<u>99.8</u>	<u>65.1</u>	<u>68.7</u>
20. Unit Availability Factor	<u>99.8</u>	<u>66.6</u>	<u>69.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.3</u>	<u>63.5</u>	<u>62.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>63.3</u>	<u>62.8</u>
23. Unit Forced Outage Rate	<u>0.2</u>	<u>12.8</u>	<u>22.2</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>None</u>		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 29, 1979

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>

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(9/77)

378

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE November 1, 1979

COMPLETED BY G. H. Howlett

TELEPHONE 203/447-1791 X364

MONTH October 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>856</u>
2	<u>855</u>
3	<u>855</u>
4	<u>857</u>
5	<u>857</u>
6	<u>856</u>
7	<u>857</u>
8	<u>857</u>
9	<u>858</u>
10	<u>857</u>
11	<u>854</u>
12	<u>854</u>
13	<u>780</u>
14	<u>852</u>
15	<u>859</u>
16	<u>860</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>860</u>
18	<u>861</u>
19	<u>859</u>
20	<u>855</u>
21	<u>858</u>
22	<u>858</u>
23	<u>858</u>
24	<u>857</u>
25	<u>858</u>
26	<u>858</u>
27	<u>859</u>
28	<u>859</u>
29	<u>857</u>
30	<u>857</u>
31	<u>702</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1979DOCKET NO. 50-336UNIT NAME Millstone 2DATE 11/9/79COMPLETED BY G.H. Howlett IIITELEPHONE 203/447-1791 X364

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
8	79 10 31	F	1.5	H	1				Repair of indications in feedwater piping safe ends at the #1 & 2 Steam Generators.

Summary: The unit operated at or near 100% rated thermal power throughout the month except for a power reduction on the 13th for main condenser backwashing and the shutdown on the 31st.

136A 047

Docket No. 50-336
 Date 11/9/79
 Unit Name Millstone 2
 Completed By G. H. Howlett III
 Telephone 203/447-1791 X364

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month September 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
9/4/79	Main Steam	Snubber hanger #405388	Replace inoperable snubber (see LER 79-28)
9/6/79	Safety Injection	#3 Safety Injection Tank Level transmitter LT-331	Replaced level transmitter (See LER 79-26)
9/20/79	Ventilation	D.C. Switchgear Room ventilation fan F-54A	Replaced failed bearings.
9/20/79	Containment Post Incident Hydrogen Control	H ₂ Analyzer AE 5154	Replaced Alarm card and operational amplifier. (See LER 79-29)
9/24/79	125 Volt D.C.	Battery Rooms.	Removed non-seismic floor drain piping in overhead. (see LER 79-27)
9/29/79	Emergency Safeguards Actuation	Ch 'A' Engineering Safeguards Features Sensor Cabinet	Replaced 15 Volt power supply. (See LER 79-30)
9/30/79	C.E.A. Position Indication	Metrascope	Replaced failed operational amplifier. (See LER 79-31)

136A 048

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: July 1, 1980
3. Schedule date for restart following refueling: September 1, 1980
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Technical Specification changes will be necessary as a result of the change in fuel and safety analysis supplier.

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

The schedule for submitting proposed license action is as follows:

Basic Safety Report	2-1-80
ECCS Results	4-1-80
Reload Safety Evaluation	5-1-80

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:

Cycle 4 will be unique in that it will be the first where the fuel and safety analysis will be supplied by Westinghouse.

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

(a) In Core: 217 (b) 144

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:

667

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

1983, Spent Fuel Pool, full core off load capability is reached.
1986, Core Full, Spent Fuel Pool contains 648 bundles.

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