

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE January 3, 1980
 COMPLETED BY G. H. Howlett
 TELEPHONE 203/447-1791 X364

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: December 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 & 22
 Yr.-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: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8,760</u>	<u>35,208</u>
12. Number Of Hours Reactor Was Critical	<u>651.3</u>	<u>5,551.4</u>	<u>25,079.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>71.7</u>	<u>2,072.4</u>
14. Hours Generator On-Line	<u>636.3</u>	<u>5,388.5</u>	<u>23,820.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>109.4</u>	<u>335.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,613,522</u>	<u>13,816,395</u>	<u>57,698,628</u>
17. Gross Electrical Energy Generated (MWH)	<u>535,134</u>	<u>4,555,844</u>	<u>18,584,645</u>
18. Net Electrical Energy Generated (MWH)	<u>514,155</u>	<u>4,363,567</u>	<u>17,780,258</u>
19. Unit Service Factor	<u>85.5</u>	<u>61.5</u>	<u>67.7</u>
20. Unit Availability Factor	<u>85.5</u>	<u>62.8</u>	<u>68.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>80.0</u>	<u>* 59.5 *</u>	<u>61.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>79.4</u>	<u>* 58.6 *</u>	<u>60.5</u>
23. Unit Forced Outage Rate	<u>14.5</u>	<u>22.1</u>	<u>25.9</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: N/A

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>90024308</u>	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH December 1979

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	791031	F	107.7	H	1		HH	PIPEXX	Continuation of outage from previous month.
9	791213	F	0	H	1		HH	PUMPXX	Reduced load to replace steam generator feed pump 'A' seal.

Summary: The steam generator safe end weld repair outage continued through the 4th with the unit going on line on the 5th. Power ascension took place over a period of 3 days while sodium tracer tests were performed on the secondary plant. The unit operated at or near 100% rated thermal power throughout the rest of the reporting period except for the power reduction on the 13th.

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AVERAGE DAILY UNIT POWER LEVEL

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MONTH December 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0 (-6)	17	842
2	0 (-6)	18	806
3	0 (-6)	19	847
4	0 (-23)	20	861
5	144	21	863
6	674	22	862
7	766	23	862
8	861	24	863
9	863	25	862
10	862	26	863
11	861	27	863
12	747	28	862
13	517	29	862
14	637	30	862
15	839	31	862
16	849		

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.

Docket No.	50-336
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month November 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
11/1/79	125 Volt D.C.	Battery 201 A	Replaced Battery 201 A
	125 Volt D.C.	Battery 201 B	Replaced Battery 201 B
11/3/79	Chemical & Volume Control	2-CH-515, Letdown Safety Injection Actuation Iso. Valve	Replaced limit switches
		2-CH-516, Letdown Safety Injection & Containment Isolation Actuation Iso. Valve	Replaced limit switches
		2-CH-517, Aux. Spray Charging Hdr. Iso. Valve	Replaced limit switches
		2-CH-518, Loop 2A Charging Hdr. Iso. Valve.	Replaced limit switches
11/4/79	Safety Injection	2-SI-614, #1 Safety Injection Tank Discharge Valve	Replaced limit switches
		2-SI-624, #2 " " "	Replaced limit switches
		2-SI-634, #3 " " "	Replaced limit switches
		2-SI-644, #4 " " "	Replaced limit switches
11/5/79	Feedwater	Steam Generator Feed Pump H-5A	Replaced pump bearings
11/6/79	Fire Protection	Sprinkler System	Changed out 94 sprinkler heads

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month November 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
11/10/79	Enclosure Bldg. Filtration	2-EB-42, Enclosure Bldg. Filtration System Fan 'B' Discharge Damper	Replaced damper motor
11/10/79	Enclosure Bldg. Filtration	2-EB-52, Enclosure Bldg. Filtration System Fan 'A' Discharge Damper	Replaced damper motor
11/10/79	Enclosure Bldg. Filtration	2-AC-1, Containment & Enclosure Bldg. Purge Fan Discharge Valve	Replaced damper motor
11/11/79	Reactor Coolant	2-RC-036B, Loop 1A Spray Header Drain Valve	Repaired body to bonnet gasket leak
11/16/79	Reactor Coolant	2-RC-45 Containment Isolation Valve	Rebuilt valve
11/16/79	Service Water	2-SW-8.1B, Temperature Control Valve RBCCW Heat Exchanger 'C'	Rebuilt valve
11/17/79	Reactor Coolant	2-RC-003, Pressurizer Steam Space Sample Control Valve	Rebuilt valve, see LER 79-187
11/20/79	Reactor Coolant	P-40A Reactor Coolant Pump	Replaced leaking pump motor "O" ring
11/21/79	Feedwater	2-FW-5B, Feedwater Hdr. B Containment Iso. Check Valve	Rebuilt valve operator
11/26/79	Reactor Coolant	2-RC-002, Pressurizer Surge Line Sample Control Valve	Rebuilt valve, see LER 79-187
11/26/79	Reactor Coolant	2-RC-001, #1 Hot Leg Sample Control Valve	Rebuilt valves, see LER 79-187

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month November 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
11/79	Steam Generator/Feed-water	Steam Generators #1 & 2 (X-25 & X-26) Safe Ends and Associated Feedwater Piping	Repaired cracked steam generator safe end welds and associated feedwater piping.

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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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