

# OPERATING DATA REPORT

DOCKET NO. 50-336  
DATE 4-8-82  
COMPLETED BY J.J. Parillo  
TELEPHONE (203) 447-1791  
x 4419

## OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: March 1982
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:

NA

NA

9. Power Level To Which Restricted, If Any (Net MWe): NA

10. Reasons For Restrictions, If Any: NA

Notes Items 21 and 22 are computed using a weighted average. Unit operated at 2560 MW prior to uprating to its current 2700 MW power level.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	774	2160	54,912
12. Number Of Hours Reactor Was Critical	484	484	39,071.3
13. Reactor Reserve Shutdown Hours	0	0	2076.9
14. Hours Generator On-Line	373	373	37,374.5
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	808,939.7	808,939.7	93,224,887
17. Gross Electrical Energy Generated (MWH)	265,650	265,650	30,267,147
18. Net Electrical Energy Generated (MWH)	248,388	245,259	28,992,491
19. Unit Service Factor	50.1	17.3	68.1
20. Unit Availability Factor	50.1	17.3	68.9
21. Unit Capacity Factor (Using MDC Net)	38.6	13.1	63.5
22. Unit Capacity Factor (Using DER Net)	38.3	13.1	62.5
23. Unit Forced Outage Rate	6.0	6.0	20.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

NA

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

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

Forecast

Achieved

INITIAL CRITICALITY

NA

NA

INITIAL ELECTRICITY

NA

NA

COMMERCIAL OPERATION

NA

NA

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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336  
 UNIT Millstone 2  
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MONTH MARCH 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0 (-3)</u>	17	<u>413</u>
2	<u>0 (-4)</u>	18	<u>466</u>
3	<u>0 (-5)</u>	19	<u>576</u>
4	<u>0 (-5)</u>	20	<u>818</u>
5	<u>0 (-2)</u>	21	<u>823</u>
6	<u>0 (-3)</u>	22	<u>820</u>
7	<u>0 (-5)</u>	23	<u>324</u>
8	<u>0 (-12)</u>	24	<u>161</u>
9	<u>0 (-19)</u>	25	<u>687</u>
10	<u>0 (-24)</u>	26	<u>858</u>
11	<u>0 (-26)</u>	27	<u>858</u>
12	<u>0 (-25)</u>	28	<u>841</u>
13	<u>0 (-25)</u>	29	<u>857</u>
14	<u>0 (-28)</u>	30	<u>860</u>
15	<u>58</u>	31	<u>861</u>
16	<u>265</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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH 1982

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No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
11	811205	S	347	C	1	NA	NA	NA	Completion of Refuel and Maintenance Outage
1	820323	F	24	H	3	NA	IA	INSTRUM	Reactor Protection System Trip (TM/LP) from noise induced signals. Noise problem was corrected and power operation resumed via normal operating procedures.
2	820328	S	10	B	NA	NA	NA	NA	Reduced Power to 95% to clean condenser water boxes.

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# CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month FEBRUARY 1982

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/1/82	Control Rod Drive ESAS	CEA Extension Shafts "B" LPSI Pump	Replaced 1 single and 1 Dual Shaft Replace Relay
2/2/82	Main Steam	Inlet Blowdown Header on the Steam Generator Blowdown Quench Tank	Replace
2/3/82	Reactor Coolant System Reactor Coolant System RBCCW Reactor Protection System	"D" Reactor Coolant Pump PORV Block Valve 2-RC-403 "A" RBCCW Pump Temperature Transmitters TT-112HA, TT-122HC and TT-122HA	Change Mechanical Shaft Seal Cartridge Repair Body to Bonnet Leak Replace Pump Bearing Repair
2/5/82	Reactor Protection System	TM/LP Channel "A" Bistable Trip Unit	Replace
2/6/82	Reactor Protection System	Channel "A" G-2 Module in Core Protection Calculator #1	Replace
2/8/82	CVCS	Reroute CVCS Relief Valve (CH-345) Discharge Drain Line	Reroute
2/9/82	Incore Detectors	Detector Location L-18	Install Hydroplug

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# CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month FEBRUARY 1982

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/15/82	Containment Spray	Containment Spray Pump P43A	Repair Mechanical Seal Leak
	Aux. Feedwater	Flow indicator FI-5277 A-1 & B-1	Replace
2/18/82	CVCS	Charging Pump Suction Pressure Switches PC 224X & PC 224Y	Replace
2/25/82	Service Water	Strainer "C"	Backwash Piping
2/1 thru 2/20	Steam Generators	S.G. Tubes	Plugged 425 tubes in #1 Generator Plugged 284 tubes in #2 Generator

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# CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month MARCH 1982

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
3/2/82	Containment Service Water	Personnel Access Hatch "A" Service Water Pump	Replace inner door gasket Rebuild
3/8/82	S.F.P. Cooling	"A" SFP Cooling Pump	Change Motor Bearing
3/9/82	Various	Snubbers 413011 & 413041	Removed & Reinstalled satisfactory stroke test
3/10/82	Aux. Feedwater	Terry Turbine	Overspeed Test
3/13/82	Reactor Protection System	Channel "D" Trip Inhibit Module Bridge Rectifier MDA 970-2	Replace
3/25/82	Reactor Protection System	Scaling Amplifier F4,5 in Core Protection Calculator 2 - Channel "A"	Replace
3/30/82	CVCS	"C" Charging Pump	Repack
3/31/82	Reactor Protection System	RCS RTD's	Perform response time testing



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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2

2. Scheduled date for next refueling shutdown:

Commence refuel outage March 26, 1983.

3. Schedule date for restart following refueling: May 14, 1983

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

It is not anticipated that Cycle 6 operations will require Technical Specification changes or other License amendments.

5. Scheduled date(s) for submitting 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) In Core: 217

(b) 288

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:

1985, Spent Fuel Pool, full core off load capability is reached.

1987, Core Full, Spent Fuel Pool contains 648 bundles.