

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 3/11/83
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
 Ext. 4431

OPERATING STATUS

1. Unit Name: Millstone 2
 2. Reporting Period: February 1983
 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:
N/A
- Notes: Items 21 and 22 cumulative are weighted ave. unit operated at 2560 MW thermal prior to uprating to its current 2700 MW thermal power level.
9. Power Level To Which Restricted, If Any (Net MWe): N/A
 10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1416	62928
12. Number Of Hours Reactor Was Critical	655.1	1399.1	46633.9
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	620.7	1304.6	44491.9
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1634909	3436230	111870435
17. Gross Elec. Energy Generated (MWH)	528750	1114430	36345278
18. Net Electrical Energy Generated (MWH)	508019.3	1070770.3	34832583
19. Unit Service Factor	92.4	92.1	70.7
20. Unit Availability Factor	92.4	92.1	71.4
21. Unit Capacity Factor (Using MDC Net)	87.5	87.5	66.5
22. Unit Capacity Factor (Using DER Net)	86.9	86.9	65.6
23. Unit Forced Outage Rate	7.6	3.8 *	19.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling outage, May 28, 1983, 16 weeks			
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	N/A	N/A	
INITIAL ELECTRICITY	N/A	N/A	
COMMERCIAL OPERATION	N/A	N/A	

*Corrects minor math error in January 1983 report.

AVERAGE DAILY UNIT POWER LEVEL

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UNIT Millstone 2

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MONTH FEBRUARY 83

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>848</u>	17	<u>847</u>
2	<u>849</u>	18	<u>749</u>
3	<u>848</u>	19	<u>116</u>
4	<u>843</u>	20	<u>0 (-28)</u>
5	<u>835</u>	21	<u>203</u>
6	<u>848</u>	22	<u>678</u>
7	<u>847</u>	23	<u>843</u>
8	<u>848</u>	24	<u>845</u>
9	<u>850</u>	25	<u>845</u>
10	<u>849</u>	26	<u>845</u>
11	<u>849</u>	27	<u>845</u>
12	<u>848</u>	28	<u>844</u>
13	<u>848</u>	29	<u>---</u>
14	<u>847</u>	30	<u>---</u>
15	<u>847</u>	31	<u>---</u>
16	<u>847</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

DOCKET NO. 50-336

UNIT NAME Millstone 2DATE 3/11/83COMPLETED BY J. GibsonTELEPHONE (203) 447-1701Ext. 4431REPORT MONTH FEBRUARY

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
1	830218	F	0	A	1	83-23	RB	CONROD	While performing CEA partial move- ment surveillance, CEA number 16 (regulating group 6) slipped to 150 steps. Power was reduced from 100% to 68% power per Tech. Spec. action state- ment. See LER 82-83.
2	830219	F	51.3	A	3	N/A	ED	INSTRU	Tripped from 100% power, electrical fault caused no. 1 control rod drive mechanism mg set to trip. At that time, no. 2 mg set was off-line causing total loss of power to control rods.

- 1
F: Forced
S: Scheduled
- 2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)
- 3
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)
- 4
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)
- 5
Exhibit 1 - Same Source

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH FEBRUARY

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/3/83	CVCS	'A' Charging Pump	Tighten bodynut on pump releif valve & repack crankcase plunger packing.
2/4/83	CVCS	'C' Charging Pump	Weld repair leaking joint on flush line
2/9/83	CVCS	'C' Charging Pump	Remove flush line nipple from casing- remove flange and replace with pipe cap
2/24/83	Reactor Protection System	Channel 'D' RPS	Replace +15V and +5V power supply in drawer DW1
2/28/83	Main Steam	S/G Blowdown Piping	Replace elbow between 2-MS-147C and 2-MS-148C
2/28/83	Main Steam	2-MS-117A	Change flange gasket on valve
2/28/83	Reactor Protection System	Channel 'B' RPS TM/LP Trip Limit	Replace defective bistable
2/28/83	CVCS	'B' Charging Pump	Change out valve and plunger packing

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: May 28, 1983
3. Schedule date for restart following refueling: September 17, 1983 (16 wks outage)
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

It is 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:

Safety Analyses: March 15, 1983

Steam Generator Licensing Action: April 15, 1983

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: Additional plugged steam generator tubes will result in potential reactor coolant flow reduction. Currently planning to install sleeves in steam generator tubes.

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 of load capability is reached.
1987, Core Full, Spent Fuel Pool contains 648 bundles.