

OPERATING DATA REPORT

DOCKET NO. 50-245
 DATE 800903
 COMPLETED BY G. Harran
 TELEPHONE 203-447-1792
 Ext. 655

OPERATING STATUS

1. Unit Name: Millstone Unit 1
2. Reporting Period: August 1980
3. Licensed Thermal Power (MWt): 2011
4. Nameplate Rating (Gross MWe): 622
5. Design Electrical Rating (Net MWe): 660
6. Maximum Dependable Capacity (Gross MWe): 684
7. Maximum Dependable Capacity (Net MWe): 654
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
NA

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,855.0	85,535.0
12. Number Of Hours Reactor Was Critical	744	5,266.0	65,651.0
13. Reactor Reserve Shutdown Hours	0	592.3	1,527.3
14. Hours Generator On-Line	744	5,234.0	63,329.9
15. Unit Reserve Shutdown Hours	0	26.5	26.5
16. Gross Thermal Energy Generated (MWH)	1,438,111	8,990,457	113,038,402
17. Gross Electrical Energy Generated (MWH)	492,600	3,059,947	38,291,343
18. Net Electrical Energy Generated (MWH)	474,635	2,922,206	36,561,988
19. Unit Service Factor	100	89.4	74.0
20. Unit Availability Factor	100	89.8	74.1
21. Unit Capacity Factor (Using MDC Net)	97.5	76.3	65.4
22. Unit Capacity Factor (Using DER Net)	96.7	75.6	64.8
23. Unit Forced Outage Rate	0.0	0.3	15.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Annual refuel and maintenance outage schedule to commence October 4, 1980 for approximately 9 - 11 weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: NA
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

POOR ORIGINAL

(9/77)

8009190 459

AVERAGE DAILY UNIT POWER LEVEL

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MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>654</u>	17	<u>653</u>
2	<u>654</u>	18	<u>645</u>
3	<u>655</u>	19	<u>652</u>
4	<u>653</u>	20	<u>653</u>
5	<u>655</u>	21	<u>653</u>
6	<u>650</u>	22	<u>650</u>
7	<u>653</u>	23	<u>328</u>
8	<u>584</u>	24	<u>565</u>
9	<u>653</u>	25	<u>646</u>
10	<u>652</u>	26	<u>630</u>
11	<u>653</u>	27	<u>644</u>
12	<u>651</u>	28	<u>645</u>
13	<u>639</u>	29	<u>642</u>
14	<u>616</u>	30	<u>639</u>
15	<u>653</u>	31	<u>638</u>
16	<u>654</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. MDC of 654 MWe based on commitment to New England Power Exchange.

OPERATING HISTORY

August 1, 1980		Steady state 100% power.
August 6, 1980	0030 hours	Reduce reactor power to 90% for Turbine Stop Valve Testing.
	0110 hours	Turbine stop valve complete. Reactor power 100%.
August 8, 1980	0755 hours	Reactor power reduced to 85% to repair a condensate booster pump leaking seal.
	2350 hours	Condensate booster pump seal leak repaired. Reactor power returned to 100%.
August 13, 1980	2200 hours	Reducing reactor power to 75% for main condenser backwashing.
	2230 hours	Reactor power at 75%.
	2310 hours	Reactor power reduced to 70%.
August 14, 1980	0130 hours	Main condenser backwashing complete. Increasing reactor power.
	0600 hours	Reactor power at 100%.
August 18, 1980	0330 hours	Reduced reactor power to 96% to maintain condenser ΔT limits.
	0830 hours	Reactor power returned to 100%.
August 23, 1980	0400 hours	Decreasing reactor power to maintain main condenser ΔT .
	0505 hours	Reactor power 85%.
	0600 hours	Decreasing reactor power to 40% to repair leaking main condenser tubes.
	0800 hours	Reactor power at 40%.

August 24, 1980	0041 hours	Main condenser tube leaks repaired. Increasing reactor power.
	2315 hours	Reactor power at 100%.
August 27, 1980	2100 hours	Decreasing reactor power to 85% to valve out H.P. heater to facilitate feedwater temperature reduction operation.
	2140 hours	Reactor power at 85%.
August 28, 1980	0110 hours	Reactor power at 100% with H.P. heaters isolated.

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month (July)

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
800712	CRD #302	I-IC-7 vent valve body to bonnet leak	Disassembled, inspected valve internals and installed a new flex gasket.

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month August

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
800805	CRD #302	Module #42-27 valve #107 drain valve leaking by seat	Install a new bonnet gasket.
800808	Condensate #315	'B' Cond. Booster pump, outboard mechanical seal, excessive leakage	Installed new mechanical seal, o-rings and gaskets

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH August

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
08	800823	S	0	B	4	N/A	HC	HTEXCH	Reduced power to repair main condenser tube leaks. Power was increased following maintenance.

POOR ORIGINAL

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 I - Same Source

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 1
2. Scheduled date for next refueling shutdown: W/E 10/11/80
3. Scheduled date for restart following refueling: W/E 12/13/80
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
Yes. Technical Specification changes regarding:
(1) Maximum Average Planar Linear Heat Generating Rate
(2) Maximum Critical Power Ratio
5. Scheduled date(s) for submitting proposed licensing action and supporting information:
Fall 1980
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:
168 "Retrofit" 8 x 8 fuel assemblies are scheduled for insertion in cycle 8 (reload 7).
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:
(a) In Core: 580 (b) in SFP: 776
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:
2184 assemblies
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.
1991, Core Full, Spent Fuel Pool contains 2120 bundles.

RHY:rmj