

OPERATING DATA REPORT

DOCKET NO. 50-245
 DATE 901101
 COMPLETED BY G. Newburgh
 TELEPHONE (203) 447-1791
 Extension 4400

OPERATING STATUS

Notes: * Change to
 Eastern Standard
 Time

1. Unit Name: Millstone 1
2. Reporting Period: October, 1990
3. Licensed Thermal Power (Mwt): 2011
4. Nameplate Rating (Gross MWe): 662
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: N/A

9. Power Level to Which Restricted, If Any (Net MWe): N/A

10. Reasons For Restrictions, If Any: N/A

11. Hours In Reporting Period	*	745	7,296	174,648
12. Number Of Hours Reactor Was Critical		414.8	6,557	138,921.9
13. Reactor Reserve Shutdown Hours		0	0	3,283.3
14. Hours Generator On-Line		402.5	6,441	135,517.8
15. Unit Reserve Shutdown Hours		0	0	93.7
16. Gross Thermal Energy Generated (MWH)		790,014	12,713,978	254,111,515
17. Gross Elec. Energy Generated (MWH)		269,300	4,343,900	85,765,996
18. Net Electrical Energy Generated (MWH)		255,486	4,151,652	81,843,912
19. Unit Service Factor		53.9	88.3	77.6
20. Unit Availability Factor		53.9	88.3	77.6
21. Unit Capacity Factor (Using MDC Net)		52.4	87.0	71.7
22. Unit Capacity Factor (Using DER Net)		52.0	86.2	71.0
23. Unit Forced Outage Rate		46.0	6.9	10.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling outage; April 1991; 40 day duration				

25. If Shutdown at End of Report Period, Estimated Date of Startup:	<u>N/A</u>	
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>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245
 UNIT Unit 1
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MONTH October 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	650	17	0
2	650	18	0
3	650	19	445
4	503	20	648
5	0	21	650
6	0	22	650
7	0	23	650
8	0	24	650
9	0	25	645
10	0	26	653
11	0	27	654
12	0	28	* 681
13	0	29	653
14	0	30	654
15	0	31	654
16	0		

*Change to Eastern Standard Time

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1990

DOCKET NO. 50-245

UNIT NAME Unit 1

DATE 901101

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791

Extension 4400

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
90-08	901004	F	342.5	H	2	90-016	KE BI	P, SCN, COND STR	Revise procedures and implement design changes to provide additional guidance and control during severe weather conditions.

¹F: Forced
S: Scheduled

²Reason:
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)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continued from
previous month
5-Power Reduction
(Duration = 0)
6-Other (Explain)

⁴Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

⁵Exhibit 1 - Same Source

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 1
2. Scheduled date for next refueling shutdown: April 1991
3. Schedule date for restart following refueling: May 1991
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 licensing action and supporting information:

Winter 1990-91

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:

188 GE10 Fuel Assemblies

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

(a) In Core: (a) 580 (b) 1928

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:

Present capacity, 3229 assemblies

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

1997, Spent Fuel Pool, Full Core Off Load Capability is Reached