

OPERATING DATA REPORT

DOCKET NO. 50-293  
 DATE 01/14/82  
 COMPLETED BY G.G. Whitney  
 TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I  
 2. Reporting Period: December, 1981  
 3. Licensed Thermal Power (MWt): 1998.  
 4. Nameplate Rating (Gross MWe): 678.  
 5. Design Electrical Rating (Net MWe): 655.  
 6. Maximum Dependable Capacity (Gross MWe): 690.  
 7. Maximum Dependable Capacity (Net MWe): 670.

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

NONE

9. Power Level To Which Restricted, If Any (Net MWe): NONE

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	8760.0	79440.0
12. Number Of Hours Reactor Was Critical	0.0	5848.7	56033.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	5771.0	54277.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	10528512.0	92817888.0
17. Gross Electrical Energy Generated (MWH)	0.0	3581870.0	30911234.0
18. Net Electrical Energy Generated (MWH)	0.0	3443877.0	29694484.0
19. Unit Service Factor	0.0	65.9	68.3
20. Unit Availability Factor	0.0	65.9	68.3
21. Unit Capacity Factor (Using MDC Net)	0.0	58.7	55.8
22. Unit Capacity Factor (Using DER Net)	0.0	60.0	57.1
23. Unit Forced Outage Rate	0.0	6.4	10.0

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

Refuel Outage commenced 09/26/81

25. If Shut Down At End Of Report Period, Estimated Date of Startup: February, 1982

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293  
 UNIT Pilgrim I  
 DATE 01/14/82  
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MONTH DECEMBER, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</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. 50-293

UNIT NAME Pilgrim 1

DATE 01/14/82

COMPLETED BY G.G. Whitney

TELEPHONE 617-746-7900

REPORT MONTH December, 1981

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
18	81/09/26	S	744.0	C	s	N/A	RC	FUELXX	Refuel Outage Continues

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

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

<sup>5</sup>  
Exhibit I - Same Source

## REFUELING INFORMATION

The following refueling information is included in the Monthly Report as requested in a letter to Mr. G. C. Andognini dated January 18, 1978:

For your convenience, the information supplied has been enumerated so that each number corresponds to equivalent notation utilized in the request.

1. The name of this facility is Pilgrim Nuclear Power Station, Docket Number 50-293.
2. Scheduled date for next Refueling Shutdown: September, 1983
3. Scheduled date for restart following refueling: November, 1983
- 4.
5. Due to their similarity, requests 4, 5, & 6 are responded to collectively:
6. The fuel, which had been loaded during the 1981 scheduled refueling outage, is of the same P8x8R design, as loaded the previous outage consisting of 112 P8DRB282 assemblies and 60 P8DRB265 assemblies.
7. (a) There are 580 fuel assemblies in the core.  
(b) There are 936 fuel assemblies in the spent fuel pool.
8. (a) The station is presently licensed to store 2320 spent fuel assemblies. The actual spent fuel storage capacity is 1770 fuel assemblies at present.  
  
(b) The planned spent fuel storage capacity is 2320 fuel assemblies.
9. With present spent fuel in storage, the spent fuel pool now has the capacity to accommodate an additional 834 fuel assemblies.

BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION

Summary of Operations for DECEMBER, 1981

The unit has been shut down all month for the 1981 Refueling Outage.  
All outage work continues.

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Safety/Relief Valve Challenges for December, 1981:

Report Requirement: TMI T.A.P. II.K.33

No challenges for this month. Refuel Outage

MAJOR SAFETY RELATED MAINTENANCE

DECEMBER, 1981

ITEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED L
9	18" J.F. 29 Pipe B Loop - SSW	Rubber lined pipe damaged and e- roded.		Renew Rubber	N/A	
54	Closing of vessel	Refueling		Installing com- ponents	N/A	
29	P208C Pump SSW	Repairs to Gears		Repairs to Bear- ing	Initiate Material Evaluation	
1	"A" MSIV Outboard	Failed LLRT	Improper Maintenance	Rebuild & Lap	N/A	