

OPERATING DATA REPORT

DOCKET NO. 50-293
 DATE 11/10/81
 COMPLETED BY G.G. Whitney
 TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
 2. Reporting Period: October, 1981
 3. Licensed Thermal Power (MWt): 1998.
 4. Nameplate Rating (Gross MWe): 878.
 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	<u>745.0</u>	<u>7296.0</u>	<u>77976.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>5848.7</u>	<u>56033.3</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>5771.0</u>	<u>54277.9</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0.0</u>	<u>10528512.0</u>	<u>92817838.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>3581870.0</u>	<u>30911234.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0.0</u>	<u>3443877.0</u>	<u>29694484.0</u>
19. Unit Service Factor	<u>0.0</u>	<u>79.1</u>	<u>69.6</u>
20. Unit Availability Factor	<u>0.0</u>	<u>79.1</u>	<u>69.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>70.5</u>	<u>56.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>72.1</u>	<u>58.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>6.4</u>	<u>10.0</u>

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

September 26, 1981

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December, 1981

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
UNIT Pilgrim I
DATE 11/10/81
COMPLETED BY G.G. Whitney
TELEPHONE 617-746-7900

MONTH OCTOBER, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<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

REPORT MONTH - October, 1981DOCKET NO. 50-293UNIT NAME Pilgrim IDATE 11/10/81COMPLETED BY G.G. WhitneyTELEPHONE 617-746-7900

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
18	81/09/26	S	745	C	2	NA	RC	FUELXX	Refuel Outage

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

MAJOR SAFETY RELATED MAINTENANCE

OCTOBER 1981

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED I.
33	Diesel Fire Pp	Bad Cap	Eroding	Repaired	Clean and Repair	
16	Safety Valve 203-4B		T.S. Re- quirement	Preventive	.	
6	MSIV's	Failed LLRT	Bad Seats	Rebuild	N/A	
23	2301-74	Failed LLRT	Bad Seats	Rebuild	N/A	
23	2301-45	Failed LLRT	Bad Seats	Rebuild	N/A	
29	A SSW Check	Check Failed	Bad Seats	Rebuild	N/A	
23	HPCI Stop	Valve Cycling	Unknown	Replaced Valve Internals	N/A	
1	Feed Water Checks	Failed LLRT	Bad Seats	Rebuild	N/A	
29	SSW Piping	Marine Growth	Shells	Roto-Rootered	N/A	

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, 1981
3. Scheduled date for restart following refueling: December 1981
- 4.
5. Due to their similarity, requests 4, 5, & 6 are responded to collectively:
6. The fuel, which had been loaded during the 1980 scheduled refueling outage, is of the new P8x8R design, consisting of approximately 64 P8DRB282 assemblies and 120 P8DRB265 assemblies.
7. (a) There are 000 fuel assemblies in the core.
(b) There are 1344 fuel assemblies in the spent fuel pool due to refuel outage.
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 1006 fuel assemblies.

NOTE: There are 172 new fuel assemblies currently in the spent fuel pool.

BOSTON EDISON COMPANY
PILGRIM NUCLEAR POWER STATION

Summary of Operations for OCTOBER, 1981

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

Safety/Relief Valve Challenges for October, 1981:

Report Requirement: TMI T.A.P. II.K.33
No challenges for this month. Refuel Outage.