OPERATING DATA REPORT

DOCKET NO. 50-293
DATE 07/14/82
COMPLETED BY G.G. Whitney
TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
2. Reporting Period: June, 1982
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	720.0	4343.0	83783.0
12. Number Of Hours Reactor Was Critical	720.0	2070.4	58103.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	1848.9	56126.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1272048.0	3121272.0	95939160.0
17. Gross Electrical Energy Generated (MWH)	437870.0	1073640.0	31984874.0
18. Net Electrical Energy Generated (MWH)	421898.0	1033672.0	30728156.0
19. Unit Service Factor	100.0	42.6	67.0
20. Unit Availability Factor	100.0	42.6	67.0
21. Unit Capacity Factor (Using MDC Net)	87.5	35.5	54.7
22. Unit Capacity Factor (Using DER Net)	89.5	36.3	56.0
23. Unit Forced Outage Rate	0.0	8.0	10.0

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

None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Unit Operating
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 07/14/82
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MONTH June, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	496.	17	665.
2	498.	18	663.
3	496.	19	664.
4	493.	20	663.
5	496.	21	663.
6	495.	22	663.
7	489.	23	663.
8	465.	24	663.
9	487.	25	663.
10	485.	26	662.
11	482.	27	583.
12	466.	28	663.
13	538.	29	663.
14	662.	30	665.
15	665.	31	0.
16	663.		

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1982

DOCKET NO. 50-293
UNIT NAME Pilgrim I
DATE 07/14/82
COMPLETED BY G.G. Whitney
TELEPHONE 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
23	82/05/23	F	0.0	4	5	N/A	HH	PUMPXX	B Condensate Pump failed. New pump started up on June 13, 1982.

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

(9/77)

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.

PILGRIM NUCLEAR POWER STATION MONTH June, 1982

MAJOR SAFETY RELATED MAINTENANCE

TSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED
Sys. 29	B. SSWP	High Vibration	Worn BEARINGS	Rebuilt Pump (Preventive)	Normal pump wear	N/A

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

Summary of Operations for JUNE, 1982

The unit was operating at 75% reactor power until June 13, 1982. Limitations were due to repairs of 'B' Condensate Pump. Increased reactor power to 99% on June 13, after repairs were completed.

On June 3, an alert status was declared because number 2 TIP was withdrawn out of its shield into the TIP machine. Alert was terminated at 1714 the same day.

On June 8, power was reduced to 50% reactor power to backwash condenser. Only backwashed the 'A' side due to 'B' screens being inop. Returned to 75% reactor power.

On June 11, "A" SBGT was found to be inop. at 1715, declared operable at 0015 on June 12 subsequent to repairs.

June 12 - Reduced power to 50% for two hours to backwash condenser.

June 27 - Reduced power to 50% to backwash and heat treat; returned to 100% power after five hours.

SAFETY/RELIEF VALVE CHALLENGES

Report Requirement: TMI T.A.P. II.K.3.3

No Relief Valve challenges for the month of June, 1982.