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:

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 580 fuel assemblies in the core.
   (b) There are 764 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 1006 fuel assemblies.

OPERATING DATA REPORT

DOCKET NO. 50--293
DATE 01/06/81
COMPLETED BY G.G. Whitney
TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
2. Reporting Period: December, 1980
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.
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

None

Notes

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	8784.0	70680.0
12. Number Of Hours Reactor Was Critical	744.0	5203.7	50184.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	4954.4	48506.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1478952.0	9198264.0	82289376.0
17. Gross Electrical Energy Generated (MWH)	515560.0	3164530.0	27329364.0
18. Net Electrical Energy Generated (MWH)	496382.0	3044484.0	26250607.0
19. Unit Service Factor	100.0	56.4	68.6
20. Unit Availability Factor	100.0	56.4	68.6
21. Unit Capacity Factor (Using MDC Net)	99.6	51.7	55.4
22. Unit Capacity Factor (Using DER Net)	101.9	52.9	56.7
23. Unit Forced Outage Rate	0.0	8.7	10.5

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 01/06/81
COMPLETED BY G.G. Whitney
TELEPHONE 617-746-7900

MONTH December, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	671.	17	672.
2	671.	18	669.
3	671.	19	669.
4	666.	20	669.
5	672.	21	670.
6	670.	22	670.
7	669.	23	671.
8	615.	24	671.
9	637.	25	670.
10	669.	26	669.
11	670.	27	669.
12	671.	28	670.
13	671.	29	671.
14	670.	30	669.
15	671.	31	670.
16	670.		

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 December, 1980

DOCKET NO. 50-293
UNIT NAME Pilgrim I
DATE 01/06/81
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
	POOR ORIGINAL					NONE			

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)

PILGRIM NUCLEAR POWER STATION

MAJOR SAFETY RELATED MAINTENANCE

Month December, 1980

STEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED LER
				NONE		

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

Summary of Operations for December , 1980

Maintained 100% power until 0001 Tuesday, December 9, when the power was reduced to 50% to backwash the condenser. Returned to 100% power by 0800 Tuesday, December 9 and maintained 100% power for the remainder of the month.