BOSTON Edison COMPANY

PILGRIM NUCLEAR POWER STATION
RFD # 1 ROCKY HILL ROAD
PLYMOUTH, MASSACHUSETTS 02360

July 12, 1979

BECo Ltr #79-141

Director
Office of Management Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Docket No. 50-293
License DPR-35

Subject: June, 1979 Monthly Report

Dear Sir:

In accordance with PNPS Technical Specification 6.9.A.3, a copy of the Operational Status Summary for Pilgrim Nuclear Power Station is attached for your information and planning.

Respectfully submitted,

P. J. McGuire
Station Manager
Nuclear Operations

GGH:dl

cc: Director
Office of Inspection and Enforcement
Office of Nuclear Regulatory Commission
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Director of Region I
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

cc: Messrs: J. E. Howard
G. C. Andognini
H. R. Balfour
R. A. Canalas, G.E.
E. L. Cobb
Mrs. C. M. Gaffney
R. S. Hahn
M. G. Hensch
C. J. Mathis
M. T. McLoughlin
J. A. Murphy
J. W. Nicholson
C. S. Ondash
S. L. Rosen
R. J. Schug
J. A. Seery
R. J. Sevigny
W. M. Sides
D. G. Stoodley
R. Tis
C. K. Vantrease
F. J. Wiedenmann
Document Control Center
PJM (LB)

366 180

7907200252

OPERATING DATA REPORT

DOCKET NO. 50-293
DATE 7/9/79
COMPLETED BY G. G. Whitney
TELEPHONE 1-617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
2. Reporting Period: June, 1979
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	720.0	4343.0	57479.0
12. Number Of Hours Reactor Was Critical	688.0	3791.9	40839.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	679.9	3755.3	39477.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1314336.0	7318080.0	65759880.0
17. Gross Electrical Energy Generated (MWH)	452420.0	2515430.0	21645904.0
18. Net Electrical Energy Generated (MWH)	435472.0	2420387.0	20781951.0
19. Unit Service Factor	94.4	86.5	68.7
20. Unit Availability Factor	94.4	86.5	68.7
21. Unit Capacity Factor (Using MDC Net)	90.3	83.2	54.0
22. Unit Capacity Factor (Using DER Net)	92.3	85.1	55.2
23. Unit Forced Outage Rate	0.0	12.7	10.9

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 7/9/79
COMPLETED BY G. G. Whitney
TELEPHONE 1-617-746-7900

MONTH June, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	580.	17	64.
2	652.	18	436.
3	664.	19	533.
4	662.	20	656.
5	662.	21	663.
6	662.	22	664.
7	661.	23	665.
8	662.	24	663.
9	665.	25	663.
10	666.	26	663.
11	665.	27	664.
12	664.	28	665.
13	664.	29	664.
14	661.	30	663.
15	629.	31	0.
16	1.		

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

DOCKET NO. 50-293
UNIT NAME Pilgrim I
DATE 7/9/79
COMPLETED BY G. G. Whitney
TELEPHONE 1-617-746-7900

REPORT MONTH June, 1979

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
5	6/16/79	S	40.1	B	2	N/A	N/A	N/A	Unit Shutdown to Fix Weeping Relief Valve

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)

366 187

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

SUMMARY OF OPERATIONS FOR JUNE, 1979

The station was recovering from the snubber modification outage at the beginning of June. Reactor Power was 85% on June 1 and increasing at 10MW$_t$/hr per PCIOMR.

Reactor Power reached 100% on June 3, 1979 and continued at this level until June 16, 1979 except for minor power reductions to maintain main condenser delta temperature. On June 16, 1979, the unit was shutdown to replace a weeping safety relief valve and perform other planned maintenance.

The unit was started up on June 17, 1979 and synchronized to the system at 1613 hours. Reactor power reached 100% again on June 21, 1979 and continued at this level for the remainder of the month.

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 No. 50-293

2. Scheduled date for next Refueling Shutdown: January, 1980

3. Scheduled date for restart following refueling: April, 1980

4.

5. Due to their similarity, requests 4, 5 and 6 are responded to collectively.

6. The fuel, which is presently expected to be loaded during the next scheduled shutdown, may be reload fuel of a new design and may therefore require a proposed license submittal and technical specification change. It is not possible, however, to supply pertinent information on dates. As information concerning fuel design, core configuration, Operational Review Committee determinations, proposed licensing action, and Technical Specification submittals becomes available, it will be forwarded to you.

7. (a) There are 580 fuel assemblies in the core.

   (b) There are 580 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 1160 fuel assemblies and new high density fuel storage racks are in the process of being installed.

   (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 580 fuel assemblies (one core).

PILGRIM NUCLEAR POWER STATION

Month June, 1979

MAJOR SAFETY RELATED MAINTENANCE

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED LER
1	"D" Relief Valve	Leaking	Pilot Valve Leakage	Replace with rebuilt valve	Modified Topworks on Order	None
29	'A' SSW Pump	Bottom Bowl Worn	Errosion and Corrosion	Install New Bowl Assembly	New Modified Assembly	None
2	MOV-202-5A MOV-202-5B	Possible deterioration of Teflon insulation on leads	Exposure and Age	Replaced Motors	None	None
29	Salt Service Water Piping	Corrosion	Failure of Rubber Lining	Replaced Lining	Installed New Rubber Lined Pipe	None
29	Salt Service Water Leaks Pump Disc Check Valve		Errosion of Seat & Disc	Replaced Seat And Disc	N/A	None