



**Boston Edison**

Pilgrim Nuclear Power Station  
Rocky Hill Road  
Plymouth, Massachusetts 02360

**L. J. Olivier**

Vice President Nuclear Operations  
and Station Director

October 13, 1994  
BECO Ltr. #94-109

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Docket No. 50-293  
License No. DPR-35

SEPTEMBER 1994 MONTHLY REPORT

In accordance with PNPS Technical Specification 6.9.A.2, a copy of the Operational Status Summary for Pilgrim Nuclear Power Station is attached for your information and planning. Should you have any questions concerning this report please contact me directly.

  
L.J. Olivier

WJM/lam/9458

Attachment

cc: Mr. Thomas T. Martin  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406  
  
Senior Resident Inspector

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# OPERATING DATA REPORT

DOCKET NO. 50-293  
 DATE 10/13/94  
 COMPLETED BY: W. Munro  
 TELEPHONE (508) 830-8474

## OPERATING STATUS

## NOTES

1. Unit Name Pilgrim I
2. Reporting Period September 1994
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) 696
7. Maximum Dependable Capacity (Net MWe) 670
8. If Changes Occur in Capacity Ratings (Item 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

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	720.0	6551.0	191183.0
12. Hours Reactor Critical	0.0	5473.5	118415.0
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	5354.3	114143.3
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	10275000.0	201419736.0
17. Gross Electrical Energy Generated (MWH)	0.0	3518470.0	68164404.0
18. Net Electrical Energy Generated (MWH)	0.0	3386209.0	65519903.0
19. Unit Service Factor	0.0	81.7	59.7
20. Unit Availability Factor	0.0	81.7	59.7
21. Unit Capacity Factor (Using MDC Net)	0.0	77.1	51.2
22. Unit Capacity Factor (Using DER Net)	0.0	78.9	52.3
23. Unit Forced Outage Rate	100.0	15.4	12.0
24. Shutdowns Scheduled Over Next 6 Months			
(Type, Date, and Duration of Each)			
25. If Shutdown at End of Report Period,			
Estimated Date of Startup - DECEMBER 1994			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-293</u>
DATE:	<u>10/13/94</u>
COMPLETED BY:	<u>W. Munro</u>
TELEPHONE:	<u>(508) 830-8474</u>

MONTH September 1994

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

This format lists the average daily unit power level in MWe-Net for each day in the reporting month, computed to the nearest whole megawatt.

BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293

OPERATIONAL SUMMARY FOR SEPTEMBER 1994

The unit started and ended the reporting period in cold shutdown. Performance of outage activities were ongoing in accordance with the forced outage schedule. Mid-cycle outage tasks are currently being accomplished in parallel with the repairs to the main generator.

SAFETY RELIEF VALVE CHALLENGES  
MONTH OF SEPTEMBER 1994

Requirement: NUREG-0737 T.A.P. II.K.3.3

There were no safety relief valve challenges during the reporting period.

An SRV challenge is defined as anytime an SRV has received a signal to operate via reactor pressure, signal (ADS) or control switch (manual). Reference BECo Ltr. #81-01 dated January 5, 1981.

## REFUELING INFORMATION

The following refueling information is included in the Monthly Report as requested in an NRC letter to BECo, 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: April 1, 1995.
3. Scheduled date for restart following next refueling: May 26, 1995.
4. Due to their similarity, requests 4, 5, & 6 are responded to collectively under #6.
5. See #6.
6. The new fuel loaded during the 1993 refueling outage was of the same design as loaded in the previous refueling outage and consisted of 140 assemblies.
7.
  - (a) There are 580 fuel assemblies in the core.
  - (b) There are 1629 fuel assemblies in the spent fuel pool.
8.
  - (a) The station is presently licensed to store 3859 spent fuel assemblies. The actual usable spent fuel storage capacity is 2320 fuel assemblies.
  - (b) The planned spent fuel storage capacity is 3859 fuel assemblies.
9. With present spent fuel in storage, the spent fuel pool now has the capacity to accommodate an additional 691 fuel assemblies.

MONTH SEPTEMBER 1994

PILGRIM NUCLEAR POWER STATION MAJOR SAFETY RELATED MAINTENANCE

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SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED LER
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Maintenance activities were accomplished in accordance with the forced outage and mid-cycle outage schedules.

UNIT SHUTDOWNS AND POWER REDUCTIONS DOCKET NO: 50-293

DOCKET NO: 50-293  
NAME: Pilgrim I  
DATE: 10/13/94  
COMPLETED BY: W. Munro  
TELEPHONE: (508) 830-8474  
REPORT MONTH: September 1994

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR	LICENSE EVENT REPORT	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
9	8/29/94	F	720.0	A	3	94-005-00	TB, TJ	GEN	Continuation of forced outage.

1	2	3	4&5
F-Forced S-Sched	A-Equip Failure B-Main or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Admin G-Operator Error H-Other	1-Manual 2-Manual Scram 3-Auto Scram 4-Continued 5-Reduced Load 9-Other	Exhibit F & H Instructions for Preparations of Data Entry Sheet Licensee Event Report (LER) File (NUREG-1022)