



Boston Edison

Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, Massachusetts 02360

L. J. Olivier

Vice President Nuclear Operations
and Station Director

December 14, 1994
BECO Ltr. #94-135

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

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

NOVEMBER 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

150077

9412150235 941130
PDR ADDCK 05000293
R PDR

JE24

OPERATING DATA REPORT

DOCKET NO. 50-293
 DATE 12/14/94
 COMPLETED BY: W. Munro
 TELEPHONE (508) 830-8474

OPERATING STATUS

NOTES

1. Unit Name Pilgrim I
2. Reporting Period November 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

This Month Yr-to-Date Cumulative

- | | | | |
|---|---------------|-------------------|--------------------|
| 11. Hours in Reporting Period | <u>720.0</u> | <u>8016.0</u> | <u>192648.0</u> |
| 12. Hours Reactor Critical | <u>41.1</u> | <u>5514.6</u> | <u>113456.1</u> |
| 13. Hours Reactor Reserve Shutdown | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| 14. Hours Generator On-Line | <u>8.7</u> | <u>5363.0</u> | <u>114152.0</u> |
| 15. Hours Unit Reserve Shutdown | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>3240.0</u> | <u>10278240.0</u> | <u>201422976.0</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>840.0</u> | <u>3519310.0</u> | <u>68165244.0</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>747.0</u> | <u>3386956.0</u> | <u>65520650.0</u> |
| 19. Unit Service Factor | <u>1.2</u> | <u>66.9</u> | <u>59.3</u> |
| 20. Unit Availability Factor | <u>1.2</u> | <u>66.9</u> | <u>59.3</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>0.2</u> | <u>63.1</u> | <u>50.8</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>0.2</u> | <u>64.5</u> | <u>51.9</u> |
| 23. Unit Forced Outage Rate | <u>98.8</u> | <u>24.2</u> | <u>12.5</u> |
| 24. Shutdowns Scheduled Over Next 6 Months | | | |
| (Type, Date, and Duration of Each) RFO-10, March 25, 1995 for 55 days | | | |
| 25. If Shutdown at End of Report Period, | | | |
| Estimated Date of Startup - Unit Operating | | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-293</u>
DATE:	<u>12/14/94</u>
COMPLETED BY:	<u>W. Munro</u>
TELEPHONE:	<u>(508) 830-8474</u>

MONTH November 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	31
15	0		
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 NOVEMBER 1994

The unit started the reporting period in cold shutdown while performing repairs to the main generator and other maintenance activities in accordance with the forced outage schedule. Following repairs, and reassembly of the main generator plus applicable post work testing, the turbine generator was placed on the turning gear at 2149 hours on November 28, 1994. The reactor was made critical at 0657 hours on November 29, 1994. At 1348 hours on November 30, 1994 the turbine roll commenced, and the generator was synchronized to the grid on November 30, 1994 at 1519 hours. The unit ended the reporting period on-line at approximately 12 percent core thermal power in the power ascension program.

SAFETY RELIEF VALVE CHALLENGES
MONTH OF NOVEMBER 1994

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

Date: November 30, 1994

Valve: 203-3A

Reason: Post Work Testing per Procedure 8.5.6.2

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: March 25, 1995.
3. Scheduled date for restart following next refueling: May 19, 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 NOVEMBER 1994

PILGRIM NUCLEAR POWER STATION MAJOR SAFETY RELATED MAINTENANCE

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED LER
--------	-----------	-------------	-------	-------------	---	-------------------

Maintenance activities were accomplished in accordance with the forced outage schedule.

UNIT SHUTDOWNS AND POWER REDUCTIONS DOCKET NO: 50-293

DOCKET NO: 50-293
NAME: Pilgrim I
DATE: 12/16/94
COMPLETED BY: W. Munro
TELEPHONE: (508) 830-8474
REPORT MONTH: November 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	11/1/94	F	711.3	A	-	-	-	-	Continuation of forced outage to repair main generator.

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)