AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
UNIT Pilgrim 1
DATE June 8, 1988
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

MONTH May 1988

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	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.

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OPERATING DATA REPORT

DOCKET NO. 50-293
DATE June 8, 1988
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

OPERATING STATUS

Notes

1. Unit Name Pilgrim 1
2. Reporting Period May 1988
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

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	3647.0	135671.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	79791.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	0.0	77229.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated(MWH)	0.0	0.0	134999880.0
17. Gross Electrical Energy Generated(MWH)	0.0	0.0	45444604.0
18. Net Electrical Energy Generated (MWH)	0.0	0.0	43675429.0
19. Unit Service Factor	0.0	0.0	56.9
20. Unit Availability Factor	0.0	0.0	56.9
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	48.0
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	49.1
23. Unit Forced Outage Rate	0.0	0.0	12.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Shutdown for Refueling Outage Number 7 - Outage commenced on July 25, 1986

25. If Shut Down At End Of Report Period, Estimated Date of Startup - August 1988.
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

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: February 1990

3. Scheduled date for restart following refueling: August 1988

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 1986/87 refueling outage was of the same design as loaded in the previous outage, and consisted of 192 assemblies.

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

   (b) There are 1320 fuel assemblies in the spent fuel pool.

8. (a) The station is presently licensed to store 2320 spent fuel assemblies. The actual usable spent fuel storage capacity is 2320 fuel assemblies.

   (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 1000 fuel assemblies.

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

Operational Summary for May 1988

The unit has been shutdown all month for Refueling Outage Number 7.

Safety Relief Valve Challenges
Month of May 1988

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

There were no safety relief valve challenges during the month.

Month May 1988

PILGRIM NUCLEAR POWER STATION

MAJOR SAFETY RELATED MAINTENANCE

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED LER
Reactor Building Closed Cooling Water	Pump P202B	Coupling Failure	Accelerated wear caused by pump shaft/ motor misalignment	New coupling to be installed prior to restart	Maintenance Request prepared for inspection of couplings on remaining RBCCW, and TBCCW Pumps. Change request initiated to add RBCCW/TBCCW pump couplings to the PM Program. (Procedure 3.M.4-17.4)	LER 88-012-00

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-293
NAME Pilgrim 1
DATE June 8, 1988
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

REPORT MONTH May 1988

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTTING DOWN REACTOR[3]	LICENSE EVENT REPORT #	SYSTEM CODE[4]	COMPONENT CODE[5]	CAUSE & CORRECTIVE ACTION TO PREVENTIVE RECURRENCE
01	5/1/88	S	744.0	C,B	4	N/A	N/A	N/A	Shutdown for RFO 7

1 — F-Forced, S-Sched

2 — A-Equip Failure, B-Maint or Test, C-Refueling, D-Regulatory Restriction, E-Operator Training & License Examination

2 — F-Admin, G-Oper Error, H-Other

3 — 1-Manual, 2-Manual Scram, 3-Auto Scram, 4-Continued, 5-Reduced Load, 9-Other

4&5 — Exhibit F & H Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-1022)

BOSTON EDISON
Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, Massachusetts 02360

Ralph G. Bird
Senior Vice President — Nuclear

June 8, 1988
BECo Ltr. #88-093

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

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

Subject: May 1988 Monthly Report

Dear Sir:

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.

R.G. Bird

PJH:1a

Attachment

cc: Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Rd.
King of Prussia, PA 19406

Senior Resident Inspector

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