

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
UNIT Pilgrim 1
DATE 8/14/86
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

MONTH July 1986

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

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 8/14/86
 COMPLETED BY P. Hamilton
 TELEPHONE (617)746-7900

OPERATING STATUS

1. Unit Name Pilgrim 1 Notes
 2. Reporting Period July 1986
 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	5087.0	119591.0
12. Number Of Hours Reactor Was Critical	0.0	1715.5	79791.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	1646.0	77229.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	3094416.0	134999880.0
17. Gross Electrical Energy Generated (MWH)	0.0	1068000.0	45444604.0
18. Net Electrical Energy Generated (MWH)	0.0	1027531.0	43675429.0
19. Unit Service Factor	0.0	32.4	64.6
20. Unit Availability Factor	0.0	32.4	64.6
21. Unit Capacity Factor (Using MDC Net)	0.0	30.1	54.5
22. Unit Capacity Factor (Using DER Net)	0.0	30.8	55.8
23. Unit Forced Outage Rate	100.0	67.2	12.3
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 - 1st qtr. 1987.

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: July 1986
3. Scheduled date for restart following refueling: 1st quarter 1987
4. Due to their similarity, requests 4, 5, & 6 are responded to collectively under #6:
5. See #6.
6. The new fuel, which was loaded during the 1983-84 refueling outage, is of the same P8x8R design as loaded the previous outage and consists of 160 P8DRB282 assemblies. In addition, 32 GE6B-P8DRB282 assemblies were also loaded.
7. (a) There are 580 fuel assemblies in the core.
(b) There are 1,128 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 1192 fuel assemblies.

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

Operational Summary for July 1986

The Unit remained shutdown throughout the month to address various hardware and administrative items. Refueling outage Number 7 commenced on July 25, 1986.

Safety Relief Valve Challenges
Month of July 1986

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

There were no safety relief valve challenges during the month.

PILGRIM NUCLEAR POWER STATION
MAJOR SAFETY RELATED MAINTENANCE

Month July 1986

<u>SYSTEM</u>	<u>COMPONENT</u>	<u>MALFUNCTION</u>	<u>CAUSE</u>	<u>MAINTENANCE</u>	<u>CORRECTIVE ACTION TO PREVENT RECURRENCE</u>	<u>ASSOCIATED LER</u>
Instrument and Control	Rod Block Monitor "A"	Not Auto Bypassing	Blown Power Supply	Repaired + 15V regulator	Isolated event	N/A
Secondary Containment Isolation	Dampers AO/N 82,83, 90	Gears Misaligned	Aging	Realign	Improved damper modification to be completed during RFO #7	N/A
Electrical	Breaker B603	Tripped	SSW* Pump P208C Motor	Motor sent to GE, cleaned and reinstalled. Breaker Failure traced to EC trips and settings.	Breaker EC* Trips replaced with MV*T with revised trip settings	N/A
Electrical	Breaker B1061	Tripped	MCC* B28	Removed construc- tion debris from Bus in MCC B28.	Inspected other cubicles & deter- mined to be single event.	N/A

* EC = GE EC-1 type trip element
MVT = Micro Versatrip element
SSW = Salt Service Water
MCC = Motor Control Center

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

50-293
Pilgrim I
8/14/86
P. Hamilton
(617)746-790

REPORT MONTH July 1986

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 PREVENT RECURRENCE
08 (continued)	7/1/86	F	744.0		4	N/A	N/A	N/A	The unit remained shutdown to address various hardware and administrative items including RHR pump wear ring inspections and local leak rate testing. RFO 7 commenced 7/25/86.

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



BOSTON EDISON

Executive Offices
800 Boylston Street
Boston, Massachusetts 02199

James M. Lydon
Chief Operating Officer

August 14, 1986
BECO Ltr. #86-115

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

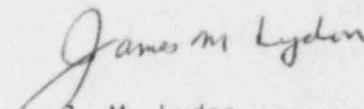
License No. DPR-35
Docket No. 50-293

Subject: July 1986 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.

Respectfully submitted,


J. M. Lydon

PJH:vep

Attachment

cc: Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

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