



BOSTON EDISON

Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, Massachusetts 02360

Roy A. Anderson
Senior Vice President - Nuclear

September 10, 1992
BECO Ltr. #92- 108

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

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

Subject: August 1992 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.

E. Thomas Boulette
E. Thomas Boulette

WJM/bal

Attachment

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

Mr. R. B. Eaton
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Senior Resident Inspector

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OPERATING DATA REPORT

DOCKET NO. 50-293
 DATE September 10, 1992
 COMPLETED BY W. Munro
 TELEPHONE (508) 747-8474

OPERATING

Notes

1. Unit No. Pilgrim 1
 2. Report Period August 1992
 3. List Nameplate 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 (Items Number 3 Through 7) Since Last Report, Give Reason: 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	5855.0	172943.0
12. Number Of Hours Reactor Was Critical	744.0	5477.6	103828.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5425.5	99928.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated(MWH)	1469616.0	10643568.0	174348048.0
17. Gross Electrical Energy Generated(MWH)	504330.0	3670460.0	58876874.0
18. Net Electrical Energy Generated (MWH)	485434.0	3533413.0	56584361.0
19. Unit Service Factor	100.0	92.7	57.8
20. Unit Availability Factor	100.0	92.7	57.8
21. Unit Capacity Factor (Using MDC Net)	97.4	90.1	48.8
22. Unit Capacity Factor (Using DER Net)	99.6	92.1	50.0
23. Unit Forced Outage Rate	0.0	7.3	12.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Midcycle outage - October 1992 Approximately 30 days

25. If Shut Down At End Of Report Period, Estimated Date of Startup N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
 UNIT Pilgrim I
 DATE September 10, 1992
 COMPLETED BY W. Munro
 TELEPHONE (508) 747-8474

MONTH August 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>662</u>	17	<u>659</u>
2	<u>663</u>	18	<u>658</u>
3	<u>661</u>	19	<u>660</u>
4	<u>660</u>	20	<u>660</u>
5	<u>655</u>	21	<u>608</u>
6	<u>647</u>	22	<u>603</u>
7	<u>648</u>	23	<u>658</u>
8	<u>576</u>	24	<u>658</u>
9	<u>635</u>	25	<u>657</u>
10	<u>663</u>	26	<u>658</u>
11	<u>663</u>	27	<u>660</u>
12	<u>661</u>	28	<u>661</u>
13	<u>662</u>	29	<u>664</u>
14	<u>662</u>	30	<u>663</u>
15	<u>662</u>	31	<u>663</u>
16	<u>661</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.

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

Operational Summary for August 1992

The unit started the reporting period at approximately 100 percent core thermal power (CTP). Reactor power was lowered several times during August 5 through 8 to stabilize condenser vacuum, and on August 8 reactor power was reduced to approximately 45 percent to facilitate a main condenser backwash. Following the successful backwash power was increased to 100 percent at approximately 0700 hours on August 9. Power was maintained at approximately 100 percent until August 21 when at 2040 hours R recirculation pump 'A' tripped while performing an I&C Surveillance procedure and Reactor power was reduced to approximately 38 percent. On August 22 at approximately 1000 hours power was returned to 100 percent where it was essentially maintained for the remainder of the reporting period.

Weekly control rod exercises were performed on August 1, 8, 15, 22 and 29.

Safety Relief Valve Challenges
Month of August 1992

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

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

An SRV challenge is defined as anytime an SRV has received a signal to operate via reactor pressure, auto signal (ABS), or control switch (manual). Ref. BECo ltr. #31-01 dated 01/05/81.

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 3, 1993
3. Scheduled date for restart following next refueling: June 8, 1993
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 1991 refueling outage was of the same design as loaded in the previous outage and consisted of 168 assemblies.
7.
 - (a) There are 580 fuel assemblies in the core.
 - (b) There are 1489 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 831 fuel assemblies.

MONTH August, 1992

PILGRIM NUCLEAR POWER STATION
MAJOR SAFETY RELATED MAINTENANCE

<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>
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No Major Safety Related Maintenance was completed during the reporting period. Major Safety Related Maintenance is reported only after the work has been completed and the Maintenance Request is closed.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-293
 NAME PILGRIM 1
 DATE September 10, 1992
 COMPLETED BY W. MUNRO
 TELEPHONE 508 747-8474
 REPORT MONTH August, 1992

NO.	DATE	TYPE1	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	LICENSE EVENT REPORT#	SYSTEM CODE4	COMPONENT CODE5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
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There were no unit shutdowns or significant power reductions during the reporting period required to be reported.

1	2		2	3	485
F-Forced S-Sched	A-Equip Failure B-Main 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 Preparations of Data Entry Sheet Licensee Event Report (LER) File (NUREG-1022)