



Entergy Nuclear Generation Co.
Pilgrim Station
600 Rocky Hill Road
Plymouth, MA 02360

William J. Riggs
Director, Nuclear Assessment

September 11, 2001

ENGCLtr. 2.01.090

Tech. Spec. 5.6.4

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

Docket No. 50.293
License No. DPR-35

AUGUST 2001 Monthly Operating Report

In accordance with Pilgrim Nuclear Power Station Technical Specification 5.6.4, the operational status summary for Pilgrim Nuclear Power Station is provided in the attachment for your information and planning. Should you have questions or comments concerning this report, please contact Jeff Rogers at (508) 830-8110.

Sincerely,

A handwritten signature in black ink, appearing to read "W. J. Riggs".

W. J. Riggs

JLR/

Attachment: AUGUST 2001 Monthly Operating Report

cc: Mr. Hubert Miller
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Senior Resident Inspector

IE24

Attachment

OPERATING DATA REPORT

DOCKET NO. 50-293
 NAME: Pilgrim
 COMPLETED BY: J. L. Rogers
 TELEPHONE: (508) 830-8110
 REPORT MONTH: AUGUST 2001

OPERATING STATUS

NOTES

- | | |
|--|-------------|
| 1. Unit Name | PILGRIM 1 |
| 2. Reporting Period | AUGUST 2001 |
| 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) | 680 |
| 7. Maximum Dependable Capacity (Net MWe) | 653 |
| 8. If Changes Occur in Capacity Ratings (Items 3 through 7) Since Last Report, Give Reasons: | No changes. |
| 9. Power Level To Which Restricted, If Any (Net MWe): | <u>None</u> |
| 10. Reasons For Restrictions, If Any: | <u>N/A</u> |

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	5,831.0	251,831.0
12. Hours Reactor Critical	651.4	5,112.1	171,615.7
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	626.9	5,038.7	166,408.5
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,228,065.6	9,707,611.9	302,490,193.2
17. Gross Electrical Energy Generated (MWH)	427,390.0	3,385,020.0	102,973,984.0
18. Net Electrical Energy Generated (MWH)	411,345.3	3,255,028.0	99,017,417.8
19. Unit Service Factor	84.3	86.4	66.1
20. Unit Availability Factor	84.3	86.4	66.1
21. Unit Capacity Factor (Using MDC Net)	84.7	85.5	60.2
22. Unit Capacity Factor (Using DER Net)	84.4	85.2	60.0
23. Unit Forced Outage Rate	15.5	2.2	10.0
24. Shutdowns, Scheduled Outages Over Next 6 Months (Type, Date, Duration)	None.		
25. If Shutdown at End of Report Period,	Estimated Date of Start-Up: <u>Unit Operating</u>		

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OPERATIONAL SUMMARY

The plant entered the reporting period at 100 percent core thermal power (CTP) when a power reduction to approximately 90 percent CTP was commenced at 1235 hours on August 9 due to grid voltage conditions. Reactor power was restored to 100 percent CTP on August 9 at 1348 hours. An automatic reactor scram occurred at 1753 hours on August 13 while performing a 4160 V bus protective relay functional test. During the shutdown various maintenance activities were performed. On August 18, at 1300 hours, the unit was synchronized to the grid and 100 percent CTP was achieved on August 19 at 1026 hours. A power reduction was commenced at 1521 hours on August 23 to perform a rod pattern change. Reactor power was restored to 100 percent CTP on August 23 at 2359 hours where it was maintained through the end of the reporting period.

UNIT SHUTDOWNS

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	CAUSE/CORRECTIVE ACTION/COMMENTS
2	8/13/01	F	115.1	B	3	Automatic scram caused by a procedural error while performing a 4160 V bus protective relay functional test. LER 2001-006-00 will contain additional information.

- | | | |
|-----------------------------|---|---|
| <u>1</u> | <u>2</u> | <u>3</u> |
| F - Forced
S - Scheduled | A - Equip Failure
B - Main or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training &
License Examination
F - Admin
G - Operation Error
H - Other | 1 - Manual
2 - Manual Scram
3 - Auto Scram
4 - Continuation
5 - Other |