



**FPL Energy**  
Seabrook Station

FPL Energy Seabrook Station  
P.O. Box 300  
Seabrook, NH 03874  
(603) 773-7000

**JAN 6 2005**

Docket No. 50-443  
SBK-L-05003

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

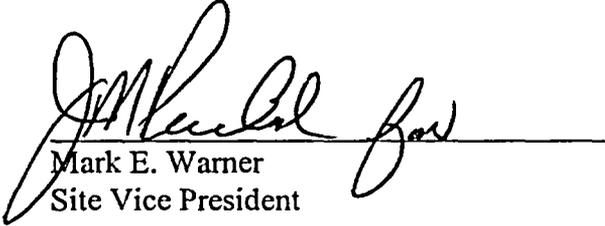
Seabrook Station  
December 2004 Monthly Operating Report

Enclosed please find Monthly Operating Report 04-12. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of December, 2004 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Should you require further information regarding this matter, please contact Mr. Paul V. Gurney, Reactor Engineering Supervisor, at (603) 773-7776.

Very truly yours,

FPL Energy Seabrook, LLC

  
Mark E. Warner  
Site Vice President

cc: S. J. Collins, NRC Region I Administrator  
V. Nerses, NRC Project Manager, Project Directorate I-2  
G.T. Dentel, NRC Senior Resident Inspector

JE24

## OPERATING DATA REPORT

**DOCKET NO.** 50-443  
**UNIT NAME** Seabrook 1  
**DATE** January 03, 2005  
**COMPLETED BY** Peter E. Nardone  
**TELEPHONE** (603) 773-7074

**REPORTING PERIOD:** December 2004

1. Design Electrical Rating	<u>1,148.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>1,155.30</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>8,784.00</u>	<u>111,613.80</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>8,784.00</u>	<u>108,698.29</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>862,618.59</u>	<u>10,176,965.55</u>	<u>122,631,296.77</u>	

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

SUMMARY: The unit operated at 100% power for the entire month. This yielded an availability factor of 100% and a capacity factor of 100.36% based on the MDC value of 1155.3 Net MWe.

1

**Reason:**

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

**Method:**

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)