



**FPL Energy**  
**Seabrook Station**

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

January 6, 2006

Docket No. 50-443

SBK-L-06002

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

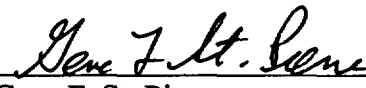
**Seabrook Station**  
**December 2005 Monthly Operating Report**

Enclosed please find Monthly Operating Report 05-12. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of December, 2005 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

  
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Gene F. St. Pierre  
Site Vice President

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

IE24

## OPERATING DATA REPORT

**DOCKET NO.** 50-443  
**UNIT NAME** Seabrook 1  
**DATE** January 04, 2006  
**COMPLETED BY** Peter Nardone  
**TELEPHONE** (603) 773-7074

**REPORTING PERIOD:** December 2005

|   |                   |                     |                       |  |
|---|-------------------|---------------------|-----------------------|--|
| 1. Design Electrical Rating                 | <u>1,222.00</u>   |                     |                       |  |
| 2. Maximum Dependable Capacity (MWe-Net)    | <u>1,221.00</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>8,013.88</u>     | <u>119,627.68</u>     |  |
| 4. Number of Hours Generator On-line        | <u>744.00</u>     | <u>7,928.87</u>     | <u>116,627.16</u>     |  |
| 5. Reserve Shutdown Hours                   | <u>0.00</u>       | <u>0.00</u>         | <u>0.00</u>           |  |
| 6. Net Electrical Energy Generated (MWHrs)  | <u>907,866.10</u> | <u>9,455,206.49</u> | <u>132,086,503.26</u> |  |

### UNIT SHUTDOWNS

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

**SUMMARY:** The unit operated at 100% power for the entire month. This yielded an availability factor of 100% and a capacity factor of 99.94% based on the MDC value of 1221.0 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)