



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

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

February 5, 2003

Docket No. 50-443  
NYN-03012

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

**Seabrook Station**  
**January 2003 Monthly Operating Report**

Enclosed please find Monthly Operating Report 03-01. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of January, 2003 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, Manager – Reactor Engineering, at (603) 773-7776.

Very truly yours,

FPL Energy Seabrook, LLC

  
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Gene F. St. Pierre  
Station Director

cc:

H. J. Miller, NRC Region I Administrator  
R. D. Starkey, NRC Project Manager, Project Directorate I-2  
G.T. Dentel, NRC Senior Resident Inspector

IE24

# OPERATING DATA REPORT

DOCKET NO 50-443  
 UNIT Seabrook 1  
 DATE February 1, 2003  
 COMPLETED BY J. L. Dalton  
 TELEPHONE (603) 773-7025

| <b><u>OPERATING STATUS</u></b> |  |                         |            |            |
|--------------------------------|--|-------------------------|------------|------------|
| 1.                             | Unit Name:   | Seabrook Station Unit 1 |            |            |
| 2.                             | Reporting Period:  | JANUARY 2003            |            |            |
| 3.                             | Licensed Thermal Power (MWt):  | 3411.0                  |            |            |
| 4.                             | Design Electrical Rating (Net MWe):  | 1148.0                  |            |            |
| 5.                             | Maximum Dependable Capacity (Net MWe):   | 1155.3                  |            |            |
| 6.                             | If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons: | Not Applicable          |            |            |
|                                |  | This Month              | Yr-to-Date | Cumulative |
| 7.                             | Number of Hours Reactor Was Critical   | 744.0                   | 744.0      | 95378.6    |
| 8.                             | Hours Generator On-Line  | 744.0                   | 744.0      | 92536.4    |
| 9.                             | Unit Reserve Shutdown Hours  | 0.0                     | 0.0        | 0.0        |
| 10.                            | Net Electrical Energy Generated (MWH)  | 860992                  | 860992     | 104039895  |

| <b><u>OPERATING SUMMARY</u></b>   |
|---|
| <p>The unit operated at 100% Rated Thermal Power (RTP) for the entire month. This yielded an availability factor of 100% and a capacity factor of 100.17% based on the MDC value of 1155.3 Net MWe.</p> |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE February 1, 2003

COMPLETED BY J. L. Dalton

TELEPHONE (603) 773-7025

MONTH: JANUARY 2003

| NO.                                       | DATE | TYPE <sup>1</sup>   | DURATION<br>(HOURS) | REASON <sup>2</sup> | METHOD OF SHUTTING<br>DOWN REACTOR <sup>3</sup>   | CAUSE / CORRECTIVE ACTIONS<br>COMMENTS |
|---|------|---|---------------------|---------------------|---|--|
| No entries for this month.                |      |   |                     |                     |   |  |
| <sup>1</sup><br>F: Forced<br>S: Scheduled |      | <sup>2</sup><br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training / License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) |                     |                     | <sup>3</sup><br>Method<br>1 - Manual<br>2 - Manual Trip<br>3 - Automatic Trip<br>4 - Continued from previous month<br>5 - Other (Explain) |  |