



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

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

**APR 8 2005**

Docket No. 50-443  
SBK-L-05089

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

Seabrook Station  
March 2005 Monthly Operating Report


Enclosed please find Monthly Operating Report 05-03. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of March, 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

for

  
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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

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## OPERATING DATA REPORT

DOCKET NO. 50-443  
 UNIT NAME Seabrook 1  
 DATE April 04, 2005  
 COMPLETED BY Peter Nardone  
 TELEPHONE (603) 773-7074

REPORTING PERIOD: March 2005

1. Design Electrical Rating	1,148.00			
2. Maximum Dependable Capacity (MWe-Net)	1,155.30			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	726.90	2,142.90	113,756.70	
4. Number of Hours Generator On-line	693.53	2,109.53	110,807.82	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical Energy Generated (MWHrs)	778,569.60	2,419,972.30	125,051,269.07	

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
05-01	03/22/2005	F	50.47	A	1	Reactor Trip Breaker 'A' failed to operate as expected during surveillance testing. Plant Shutdown to Mode 3 to comply with T.S. 3.3.1. Licensee will submit an LER for the T.S. required shutdown. Problem with the Main Generator Breaker extended shutdown 24.9 hrs.

SUMMARY: The unit operated at 100% power for 515 hours this month. It was off-line for 50.47 hours, the result a forced outage. The unit continued with its end of cycle coast following the return to power until 03/31/05 when it ramped down from 94% power to commence its tenth refueling outage. This yielded an availability factor of 93.2% and a capacity factor of 90.6% based on the MDC value of 1155.3 Net Mwe.

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**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)

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**Method:**

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