



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

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

**OCT 9 2003**

Docket No. 50-443  
NYN-03086

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

**Seabrook Station**  
**September 2003 Monthly Operating Report**

Enclosed please find Monthly Operating Report 03-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 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, Reactor Engineering Manager, at (603) 773-7776.

Very truly yours,

FPL Energy Seabrook, LLC

Gene F. St. Pierre  
Station Director

cc:

H. J. Miller, 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 Seabrook 1

DATE October 1, 2003

COMPLETED BY P. E. Nardone

TELEPHONE (603) 773-7074

## OPERATING STATUS

1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	SEPTEMBER 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	720.0	6551.0	101185.6
8.	Hours Generator On-Line	720.0	6551.0	98343.4
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	820093	7572797	110751701

## OPERATING SUMMARY

The unit operated at 100% power until 09/21/03 when it commenced its end of cycle coast down. This yielded an availability factor of 100% and a capacity factor of 98.59% based on the MDC value of 1155.3 Net Mwe.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE October 1, 2003

COMPLETED BY P. E. Nardone

TELEPHONE (603) 773-7074

MONTH: SEPTEMBER 2003

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS
03-01	09/11/03	S	0.0	H	5	<p>Commenced end of cycle Tavg Power Coastdown:</p> <p>09/11 – 09/21 Phase 1: Opened turbine control valve to maintain reactor power at 100% as Reactor Coolant temperature decreased.</p> <p>09/21 – 09/23 Phase 2: With turbine control valves wide open, monitored the drop in reactor power as Reactor Coolant temperature approached the minimum limit for the given power level.</p> <p>09/23 – 09/30 Phase 3: Closing turbine control valves as reactor power decreases to maintain temperature above the minimum limit for the given power level.</p>
<sup>1</sup> F: Forced S: Scheduled		<sup>2</sup> Reason: A – Equipment Failure (Explain) B – Maintenance or Test C – Refueling D – Regulatory Restriction E – Operator Training / License Examination F – Administrative G – Operational Error (Explain) H – Other (Explain)			<sup>3</sup> Method: 1 – Manual 2 – Manual Trip 3 – Automatic Trip 4 – Continued from previous month 5 – Other (Explain)	