



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

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

SEP 12 2003

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**Docket No. 50-443**  
**NYN-03078**

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

**Seabrook Station**  
**August 2003 Monthly Operating Report**

Enclosed please find Monthly Operating Report 03-08. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of August, 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

IE24

# OPERATING DATA REPORT

DOCKET NO. 50-443

UNIT Seabrook 1

DATE September 1, 2003

COMPLETED BY P. E. Nardone

TELEPHONE (603) 773-7074

<b>OPERATING STATUS</b>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	AUGUST 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	5831.0	100465.6
8.	Hours Generator On-Line	744.0	5831.0	97623.4
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	861560	6752705	109931608

## **OPERATING SUMMARY**

The unit operated at 100% power except for two hours this month. This yielded an availability factor of 100% and a capacity factor of 100.23% based on the MDC value of 1155.3 Net MWe.

The Plant experienced a 100 MW electrical load loss due to a massive grid disturbance on 08/14/03. Power was automatically reduced to 96 % as a result of the load loss. Full power operation was restored within two hours.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE September 1, 2003

COMPLETED BY P. E. Nardone

TELEPHONE (603) 773-7074

MONTH: AUGUST 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	
No entries for this month.							
<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)		