



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

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

NOV 12 2003

Docket No. 50-443

NYN-03096

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


Seabrook Station  
October 2003 Monthly Operating Report

Enclosed is Monthly Operating Report 03-10. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of October, 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

  
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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 November 1, 2003

COMPLETED BY P. E. Nardone

TELEPHONE (603) 773-7074

<b><u>OPERATING STATUS</u></b>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	OCTOBER 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	191.0	6742.0	101376.5
8.	Hours Generator On-Line	141.5	6692.5	98484.9
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	124524	7697321	110876225

## **OPERATING SUMMARY**

The unit continued with its end of cycle coast until 10/03/03 when it ramped down from 89% power to commence its ninth refueling outage. The unit tripped on 10/31/03, shortly after reaching 100% power. This yielded an availability factor of 19% and a capacity factor of 14.5% based on the MDC value of 1155.3 Net Mwe.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE November 1, 2003

COMPLETED BY P. E. Nardone

TELEPHONE (603) 773-7074

MONTH: OCTOBER 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	4	Continued with end of cycle Tavg Power Coastdown
03-02	10/04/03	S	571.5	C	1	Planned Refueling Outage (OR09)
03-03	10/27/03	S	14.1	B	5	Performed Turbine Rotor Balancing. Load reduced from 200MWe. Generator breaker opened. Reactor power held at 1.5% RTP.
03-04	10/28/03	S	13.7	B	5	Performed Turbine Rotor Balancing. Load reduced from 100MWe. Generator breaker opened. Reactor power held at 1.5% RTP
03-05	10/31/03	F	4.2	B/A	3	Automatic Reactor Trip on SG Low Level following the loss of one of the two Main Feed Pumps during troubleshooting.  LER 03-02 will be issued to document this event.
<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)	