

**North  
Atlantic**

North Atlantic Energy Service Corporation  
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The Northeast Utilities System

April 12, 2002

Docket No. 50-443

NYN-02040

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


Seabrook Station  
March 2002 Monthly Operating Report

Enclosed please find Monthly Operating Report 02-03. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of March, 2002 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. James M. Peschel, Manager - Regulatory Programs, at (603) 773-7194.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.

  
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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	April 1, 2002
COMPLETED BY	J. L. Dalton
TELEPHONE	(603) 773-7025

## OPERATING STATUS

1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	MARCH 2002		
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	2160.0	88663.9
8.	Hours Generator On-Line	744.0	2160.0	85868.7
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	861616	2501401	96386933

## OPERATING SUMMARY

The unit operated at 100% Rated Thermal Power (RTP) except for eight hours this month. Power was reduced to 97.5% RTP to facilitate testing on a Reactor Protection Temperature Channel. This yielded an availability factor of 100% and a capacity factor of 100.2% based on the MDC value of 1155.3 Net MWe.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE April 1, 2002

COMPLETED BY J. L. Dalton

TELEPHONE (603) 773-7025

MONTH: MARCH 2002

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS
02-01	03/2/02	S	0.0	B/F	5	Reduced power to 97.5% RTP to complete a response time testing calibration on Loop 3 Reactor Protection Temperature channel. Operations procedures required a 2% RTP power reduction with Loops 1, 3 or 4 temperature channels in a tripped condition. This action provides margin against an inadvertent OPΔT/OTΔT reactor trip due to the Upper Plenum Flow Anomaly. Unit returned to full power operation the same day.
<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)	