



**North  
Atlantic**

North Atlantic Energy Service Corporation  
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The Northeast Utilities System

March 15, 2000

Docket No. 50-443

NYN-00026

AR#98019475

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Seabrook Station  
February 2000 Monthly Operating Report

Enclosed please find Monthly Operating Report 00-02. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of February, 2000 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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W. A. DiProfio  
Station Director

cc:

H. J. Miller, NRC Region I Administrator  
R. M. Pulsifer, NRC Project Manager, Project Directorate 1-2  
R. K. Lorson, NRC Senior Resident Inspector

IE24

# OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	March 1, 2000
COMPLETED BY	P.E. Nardone
TELEPHONE	(603) 773-7074

<b>OPERATING STATUS</b>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	FEBRUARY 2000		
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	696.0	1405.6	73134.5
8.	Hours Generator On-Line	696.0	1366.5	70459.4
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	804930	1560955	78832751

<b>OPERATING SUMMARY</b>
<p>The unit operated at 100% RTP for all but 24 hours this month. Reactor power was reduced to 98% RTP to facilitate repair of a Reactor Protection Temperature Channel. This yielded an availability factor of 100% and a capacity factor of 100.10% based on the MDC value of 1155.3 Net MWe.</p>

NOTE: Decreased MDC value (Item 5) starting 05/01/99

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE March 1, 2000

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH FEBRUARY, 2000

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS	
00-02	02/27/00	F	0.0	A/F	5	Reduced reactor power to 98% RTP to correct a problem with 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 OPDT reactor trip due to the Upper Plenum Flow Anomaly. Unit returned to full power operation the next 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)		