



**North  
Atlantic**

North Atlantic Energy Service Corporation  
P.O. Box 300  
Seabrook, NH 03874  
(603) 474-9521

The Northeast Utilities System

March 15, 2001

Docket No. 50-443

NYN-01021

CR 01-00098-02

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

Seabrook Station  
February 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-02. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of February, 2001 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.

Gene F. St. Pierre  
Station Director

cc:

H. J. Miller, NRC Region I Administrator  
V. Nerses, NRC Project Manager, Project Directorate 1-2  
NRC Senior Resident Inspector

IE24

# OPERATING DATA REPORT

DOCKET NO. 50-443  
UNIT Seabrook 1  
DATE March 1, 2001  
COMPLETED BY P.E. Nardone  
TELEPHONE (603) 773-7074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	FEBRUARY 2001		
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	672.0	787.1	79481.6
8.	Hours Generator On-Line	672.0	742.1	76746.3
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	777476	819396	86012688

## OPERATING SUMMARY

The unit operated at 100% RTP for all but 9.5 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.14% based on the MDC value of 1155.3 Net MWe

The Unit reached 100% RTP on 02/01/01, following completion of Refueling Outage No.7. On 02/06/01, Reactor power was reduced to 96% RTP to facilitate repair of a Reactor Protection Temperature Channel.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE March 1, 2001

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH FEBRUARY, 2001

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS  COMMENTS
01-02	02/06/01	F	0.0	B/A	5	Reduced power to 96% RTP to correct a problem with Loop 4 Reactor Protection Temperature channel. Operations procedures required a 4% RTP power reduction with Loops 1, 3 or 4 temperature channels in a tripped condition. This action provides margin against an inadvertent OPAT/OTAT reactor trip due to the Upper Plenum Flow Anomaly. Unit returned to full power operation that 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)	