



**North
Atlantic**

North Atlantic Energy Service Corporation
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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

<u>OPERATING STATUS</u>				
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

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 UNIT Seabrook 1
 DATE March 1, 2001
 COMPLETED BY P.E. Nardone
 TELEPHONE (603) 773-7074

MONTH FEBRUARY, 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	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 OPΔT/OTΔT reactor trip due to the Upper Plenum Flow Anomaly. Unit returned to full power operation that same day.
		¹ F: Forced S: Scheduled			² 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)	
		³ Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)				