



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

April 10, 2001

Docket No. 50-443

NYN-01033

CR 01-00098-03

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

Seabrook Station
March 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-03. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of March, 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

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OPERATING DATA REPORT

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

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	MARCH 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	523.3	1310.4	80004.9
8.	Hours Generator On-Line	473.6	1215.7	77219.9
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	448121	1267517	86460809

OPERATING SUMMARY

The unit operated at 100% RTP for 10 days this month. It was off-line for 270.4 hours as a result of an automatic reactor trip and a manual shutdown. This yielded an availability factor of 63.7% and a capacity factor of 52.1% 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, 2001
 COMPLETED BY P.E. Nardone
 TELEPHONE (603) 773-7074

MONTH MARCH, 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS
01-03	03/05/01	F	235.6	H	3	During a severe winter snowstorm, two out of three 345KV transmission lines tripped (Newington/Scobie). As a conservative measure, the Unit commenced a power reduction. The Newington line was restored. Shortly after the Newington line was restored, the Tewksbury line tripped. This resulted in an automatic reactor trip from 98.8% RTP. LER 01-002 will be issued to document this event.
01-04	03/16/01	F	0.0	A/F	5	During the forced outage, a seawater leak was identified in the B condenser waterbox. The gross electrical output was restricted by procedure to less than 800 MWe (69% RTP) during the return to power.
01-05	03/20/01	F	34.8	A	5	A problem with the turbine Electro-Hydraulic Control (EHC) system caused the turbine control valves to cycle. The Unit reduced power from 69% RTP and opened the generator breaker. Reactor power was held at 17% RTP while a problem with the turbine speed sensor was corrected. The gross electrical output was still restricted to less than 800 MWe during the second return to power while repairs continued on the B condenser waterbox. The Unit returned to full power operation on 03/26.
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)	