



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

September 12, 2001

Docket No. 50-443

NYN-01080

CR 01-00098-08

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

Seabrook Station
August 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-08. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of August, 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.


for Gene F. St. Pierre
Station Director

cc:

H. J. Miller, NRC Region I Administrator
G. F. Wunder, NRC Project Manager, Project Directorate 1-2
G.T. Dentel, NRC Senior Resident Inspector

IE24

OPERATING DATA REPORT

DOCKET NO. 50-443

UNIT Seabrook 1

DATE September 1, 2001

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

OPERATING STATUS			
1.	Unit Name:	Seabrook Station Unit 1	
2.	Reporting Period:	AUGUST 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	744.0	4981.4
8.	Hours Generator On-Line	744.0	4886.7
9.	Unit Reserve Shutdown Hours	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	834953	5470275
			90663566

OPERATING SUMMARY

The unit operated at 100% Rated Thermal Power (RTP) for 28 days this month. It operated at a reduced power level for the remaining period while repairing a steam leak on an Extraction Steam line. This yielded an availability factor of 100% and a capacity factor of 97.14% based on the Maximum Dependable Capacity (MDC) value of 1155.3 Net MWe.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE September 1, 2001

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH: AUGUST 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
01-09	08/12/01	F	0.0	A	5	<p>A steam leak was identified on a 16 inch carbon steel pipe in the Extraction Steam system.</p> <p>Power was reduced to 90% RTP to evaluate the leak following an increase in the leakage. Within 4 hours, power was reduced to 60% RTP to lower the pressure in the line. A clamp was installed on 08/13/01.</p> <p>Power was further reduced to 50% RTP to allow both Heater Drain pumps to be shutdown while their respective control systems were being repaired.</p> <p>The Unit returned to 100% RTP on 08/14/01.</p>	
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)		