



**North  
Atlantic**

North Atlantic Energy Service Corporation  
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The Northeast Utilities System

November 08, 2000

Docket No. 50-443

NYN-00095

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

Seabrook Station  
October 2000 Monthly Operating Report

Enclosed please find Monthly Operating Report 00-10. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of October, 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 November 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:                                                                                | OCTOBER 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                                                             | 483.9                   | 6965.7     | 78694.5    |
| 8.                      | Hours Generator On-Line                                                                          | 480.0                   | 6911.4     | 76004.3    |
| 9.                      | Unit Reserve Shutdown Hours                                                                      | 0.0                     | 0.0        | 0.0        |
| 10.                     | Net Electrical Energy Generated (MWH)                                                            | 510984                  | 7921496    | 85193292   |

**OPERATING SUMMARY**

Continued with end of cycle coastdown until 10/20/00. Ramped down from 87.5% RTP and commenced Refueling Outage No.7 on 10/21/00. This yielded an availability factor of 64.43% and a capacity factor of 59.37% based on the MDC value of 1155.3 Net MWe.

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE November 1, 2000

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH OCTOBER, 2000

| NO.                                       | DATE     | TYPE <sup>1</sup>                                                                                                                                                                                                                                                   | DURATION (HOURS) | REASON <sup>2</sup> | METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>                                                                                               | CAUSE / CORRECTIVE ACTIONS<br>COMMENTS  |  |
|-------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--|
| 00-05                                     | 10/01/00 | S                                                                                                                                                                                                                                                                   | 0.0              | H                   | 4                                                                                                                                          | Continuing with end of cycle coastdown. |  |
| 00-06                                     | 10/21/00 | S                                                                                                                                                                                                                                                                   | 265.0            | C                   | 1                                                                                                                                          | Scheduled Refueling Outage No. 7        |  |
| <sup>1</sup><br>F: Forced<br>S: Scheduled |          | <sup>2</sup><br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training / License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) |                  |                     | <sup>3</sup><br>Method:<br>1 - Manual<br>2 - Manual Trip<br>3 - Automatic Trip<br>4 - Continued from previous month<br>5 - Other (Explain) |                                         |  |