



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

February 12, 2002
Docket No. 50-443
NYN-02019

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Seabrook Station
January 2002 Monthly Operating Report

Enclosed please find Monthly Operating Report 02-01. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of January, 2002 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
G. F. Wunder, NRC Project Manager, Project Directorate I-2
G.T. Dentel, NRC Senior Resident Inspector

IE24
Rec'd 2/20/02

OPERATING DATA REPORT

DOCKET NO. 50-443
 UNIT Seabrook 1
 DATE February 1, 2002
 COMPLETED BY P.E. Nardone
 TELEPHONE (603) 773-7074

| <u>OPERATING STATUS</u> | | | | |
|--------------------------------|--|-------------------------|------------|------------|
| 1. | Unit Name: | Seabrook Station Unit 1 | | |
| 2. | Reporting Period: | JANUARY 2002 | | |
| 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 | 744.0 | 87247.9 |
| 8. | Hours Generator On-Line | 744.0 | 744.0 | 84452.7 |
| 9. | Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 10. | Net Electrical Energy Generated (MWH) | 861490 | 861490 | 94747022 |

| <u>OPERATING SUMMARY</u> |
|--|
| <p>The unit operated at 100% Rated Thermal Power (RTP) for the entire month. This yielded an availability factor of 100% and a capacity factor of 100.2% based on the MDC value of 1155.3 Net MWe.</p> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE February 1, 2002

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH: JANUARY 2002

| NO. | DATE | TYPE ¹ | DURATION (HOURS) | REASON ² | METHOD OF SHUTTING DOWN REACTOR ³ | CAUSE / CORRECTIVE ACTIONS COMMENTS |
|---|------|---|---------------------|--|---|--|
| | | | | | | No entries for this month. |
| 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) | | |