

**North
Atlantic**

North Atlantic Energy Service Corporation
P.O. Box 300
Seabrook, NH 03874
(603) 474-9521

The Northeast Utilities System

March 12, 1996

Docket No. 50-443
NYN-96020

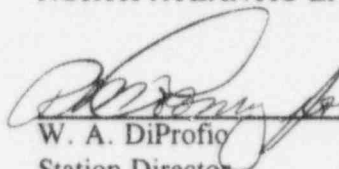
United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Seabrook Station
Monthly Operating Report

Enclosed please find Monthly Operating Report 96-02. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of February, 1996 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



W. A. DiProffio
Station Director

cc: T. T. Martin, Region I Administrator
A. W. De Agazio, NRC Project Manager, Seabrook Station
J. B. Macdonald, Senior Resident Inspector, Seabrook Station

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OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	3/11/96
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	FEBRUARY 1996		
3.	Licensed Thermal Power (MWt):	3411		
4.	Nameplate Rating (Gross MWe):	1197		
5.	Design Electrical Rating (Net MWe):	1148		
6.	Maximum Dependable Capacity (Gross MWe):	1204		
7.	Maximum Dependable Capacity (Net MWe):	1158		
8.	If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:	Not Applicable		
9.	Power Level To Which Restricted, If Any (Net MWe):	None		
10.	Reasons For Restrictions, If Any:	Not Applicable		
		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	696.0	1440.0	82153.0
12.	Number of Hours Reactor Was Critical	696.0	1400.9	42330.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	686.1	1346.7	39956.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1729081	3948992	131041266
17.	Gross Elec. Energy Generated (MWH)	597182	1378109	45523399
18.	Net Electrical Energy Generated (MWH)	566355	1317111	43724867
*19.	Unit Service Factor	98.6	93.5	79.6
*20.	Unit Availability Factor	98.6	93.5	79.6
*21.	Unit Capacity Factor (Using MDC Net)	70.3	79.0	76.5
*22.	Unit Capacity Factor (Using DER Net)	70.9	79.7	76.7
*23.	Unit Forced Outage Rate	1.4	6.5	6.4
24.	Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	None Scheduled		
25.	If Shut Down At End Of Report Period, Estimated Date of Startup:	Not Applicable		

*NOTE: "Cumulative" values based on total hours starting 8/19/90, date Regular Full Power Operation began. Increased MDC values (Items 6 & 7) starting 12/01/95.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 3/11/96

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4078

MONTH: FEBRUARY, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	594
2	201
3	319
4	402
5	404
6	407
7	407
8	402
9	412
10	448
11	572
12	781
13	910
14	990
15	1016
16	1013

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1016
18	1014
19	1015
20	1016
21	1019
22	1136
23	1158
24	1158
25	1158
26	1158
27	1158
28	1158
29	1157
30	
31	

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 3/11/96
COMPLETED BY P.E. Nardone
TELEPHONE 603/474-9521
Ext. 4074

REPORT MONTH FEBRUARY 1996

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE Page 1 of 1
96-02	02/01/96	F	9.9	A	9	N/A	<p>Identified degrading flow in Generator Stator Cooling (GSC) system. Reduced power from 100% RTP and opened generator breaker. Reactor power held at 17% RTP while cleaning GSC strainer. Strainer was found to be clogged with cupric oxide. Generator breaker reclosed on 02/02/96.</p> <p>Power was incrementally raised over the next three weeks as flow steadily improved as a result of oxygen addition and on-line chemical cleaning. GSC flow rates forced holds at 30%, 40% and 88% RTP during that period.</p> <p>The unit returned to full power operation on 02/22/96</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 Scram 3 - Automatic Scram 4 - Continued from previous month 5 - Power Reduction (Duration = 0) 9 - Other (Explain)		

REFUELING INFORMATION REQUEST

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	3/11/96
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

1. Name of Facility: Seabrook Unit 1
2. Scheduled date for next refueling shutdown: Refueling Outage 5, 06/07/97
3. Scheduled date for restart following refueling: Refueling Outage 5, 07/15/97
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
N/A
5. Schedule date(s) for submitting licensing action and supporting information:
N/A
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:
N/A
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:
(a) In Core: 193 (b) 288
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:
Present licensed capacity: 1236
No increase in storage capacity requested or planned.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:
Licensed capacity of 1236 fuel assemblies based on two annual and twelve eighteen-month refuelings with full core offload capability.
The current licensed capacity is adequate until at least the year 2010.