



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

APR 12 1996

Docket No. 50-443
NYN-96024

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

Seabrook Station
Monthly Operating Report

Enclosed please find Monthly Operating Report 96-03. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of March, 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 4/3/96

COMPLETED BY P. E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

OPERATING STATUS			
1.	Unit Name:	Seabrook Station Unit 1	
2.	Reporting Period:	MARCH 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	744.0	2184.0
12.	Number of Hours Reactor Was Critical	744.0	2144.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0
14.	Hours Generator On-Line	744.0	2090.7
15.	Unit Reserve Shutdown Hours	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2537453	6486446
17.	Gross Elec. Energy Generated (MWH)	893860	2271969
18.	Net Electrical Energy Generated (MWH)	859883	2176994
*19.	Unit Service Factor	100	95.7
*20.	Unit Availability Factor	100	95.7
*21.	Unit Capacity Factor (Using MDC Net)	99.8	86.1
*22.	Unit Capacity Factor (Using DER Net)	100.7	86.8
*23.	Unit Forced Outage Rate	0.0	4.3
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 4/3/96
 COMPLETED BY P. E. Nardone
 TELEPHONE 603/474-9521
 Ext. 4074

MONTH: MARCH, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1157
2	1157
3	1157
4	1156
5	1156
6	1156
7	1156
8	1159
9	1160
10	1160
11	1160
12	1160
13	1161
14	1161
15	1161
16	1161

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1161
18	1161
19	1160
20	1160
21	1161
22	1161
23	1161
24	1161
25	1161
26	1159
27	1127
28	1128
29	1127
30	1141
31	1162

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 4/3/96
 COMPLETED BY P.E. Nardone
 TELEPHONE 603/474-9521
 Ext. 4074

REPORT MONTH MARCH 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
							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 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	4/3/96
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.