

**North
Atlantic**

North Atlantic Energy Service Corporation
P.O. Box 900
Seabrook, NH 03874
(603) 474-9521

The Northeast Utilities System

MAY 10 1996

Docket No. 50-443
NYN-96034

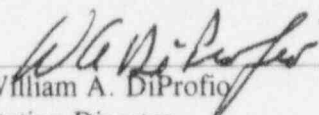
United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Seabrook Station
Monthly Operating Report

Enclosed please find Monthly Operating Report 96-04. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of April, 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.



William 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	5/7/96
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	APRIL 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	719.0	2903.0	83616.0
12.	Number of Hours Reactor Was Critical	719.0	2863.9	43793.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	719.0	2809.7	41419.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2452203	8938649	136030922
17.	Gross Elec. Energy Generated (MWH)	866946	3138914	47284205
18.	Net Electrical Energy Generated (MWH)	834544	3011539	45419295
*19.	Unit Service Factor	100.0	96.8	80.2
*20.	Unit Availability Factor	100.0	96.8	80.2
*21.	Unit Capacity Factor (Using MDC Net)	100.2	89.6	77.2
*22.	Unit Capacity Factor (Using DER Net)	101.1	90.4	77.4
*23.	Unit Forced Outage Rate	0.0	3.2	6.2
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 5/7/96

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

MONTH: APRIL, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1163
2	1163
3	1163
4	1163
5	1163
6	1163
7	1162
8	1155
9	1127
10	1126
11	1157
12	1163
13	1163
14	1163
15	1163
16	1163

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1164
18	1164
19	1163
20	1164
21	1164
22	1164
23	1164
24	1164
25	1164
26	1164
27	1164
28	1164
29	1164
30	1164
31	0

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 5/7/96

COMPLETED BY P. E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

REPORT MONTH APRIL 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	5/7/96
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, 06/28/97 [changed from 06/07/97]
3. Scheduled date for restart following refueling: Refueling Outage 5, 08/04/97 [38 days: based on RO 04]
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.