

**North
Atlantic**

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

The Northeast Utilities System

OCT 10 1996

Docket No. 50-443
NYN-96071

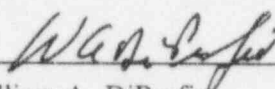
United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Seabrook Station
Monthly Operating Report

Enclosed please find Monthly Operating Report 96-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 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: H. J. Miller, Region I Administrator
A.W. De Agazio, NRC Project Manager, Seabrook Station
J.B. Macdonald, Senior Resident Inspector, Seabrook Station

111
Ie24

160068

9610160419 960930
PDR ADOCK 05000443
R PDR

OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	October 2, 1996
COMPLETED BY	P. E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	SEPTEMBER, 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	720.0	6575.0	87288.0
12.	Number of Hours Reactor Was Critical	720.0	6535.9	47465.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	720.0	6481.7	45091.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2456614	21464171	148556445
17.	Gross Elec. Energy Generated (MWH)	868520	7574806	51720097
18.	Net Electrical Energy Generated (MWH)	836165	7282968	49690724
*19.	Unit Service Factor	100.0	98.6	81.5
*20.	Unit Availability Factor	100.0	98.6	81.5
*21.	Unit Capacity Factor (Using MDC Net)	100.3	95.7	78.8
*22.	Unit Capacity Factor (Using DER Net)	101.2	96.5	79.0
*23.	Unit Forced Outage Rate	0.0	1.4	5.7
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 October 2, 1996

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

MONTH: AUGUST, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1163
2	1161
3	1161
4	1160
5	1160
6	1161
7	1160
8	1160
9	1159
10	1161
11	1162
12	1162
13	1158
14	1159
15	1161
16	1161

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1161
18	1162
19	1162
20	1162
21	1162
22	1162
23	1162
24	1162
25	1162
26	1162
27	1162
28	1163
29	1163
30	1163

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 October 2, 1996

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

REPORT MONTH SEPTEMBER, 1996

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
							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 I
DATE	October 2, 1996
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
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.