

**North  
Atlantic**

North Atlantic Energy Service Corporation  
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NYN- 96001

The Northeast Utilities System

January 12, 1996

Ted C. Feigenbaum  
Senior Vice President &  
Chief Nuclear Officer

United States Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Document Control Desk

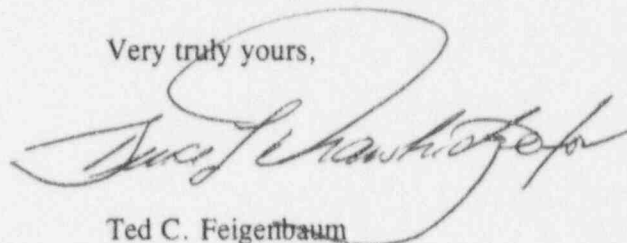
References: Facility Operating License NPF-86, Docket No. 50-443

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 95-12. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of December, 1995 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,



Ted C. Feigenbaum

TCF:ALL/sm

Enclosure

cc: Mr. Thomas T. Martin  
Regional Administrator  
United States Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Albert W. De Agazio, Sr. Project Manager  
Project Directorate I-4  
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Washington, DC 20555

Mr. John B. Macdonald  
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PO Box 1149  
Seabrook, NH 03874

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# OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	01/04/96
COMPLETED BY	P. E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	DECEMBER 1995		
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:	Items 6 & 7 changed to reflect demonstrated electrical output. Increase due to improvements in secondary plant efficiency and calorimetric feedwater flow measurement.		
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	8760.0	80713.0
12.	Number of Hours Reactor Was Critical	541.3	7663.0	40930.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	491.0	7465.9	38610.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1498045	25255465	127092273
17.	Gross Elec. Energy Generated (MWH)	523510	8720956	44145291
18.	Net Electrical Energy Generated (MWH)	501449	8380640	42407756
*19.	Unit Service Factor	66.0	85.2	79.2
*20.	Unit Availability Factor	66.0	85.2	79.2
*21.	Unit Capacity Factor (Using MDC Net)	58.2	83.1	76.5
*22.	Unit Capacity Factor (Using DER Net)	58.7	83.3	76.6
*23.	Unit Forced Outage Rate	0.0	5.0	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	01/04/96
COMPLETED BY	P. E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

MONTH: DECEMBER, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	99
12	276
13	480
14	560
15	951
16	1155

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1156
18	1156
19	1157
20	1158
21	1158
22	1159
23	1159
24	1159
25	1159
26	1159
27	1159
28	1156
29	1159
30	1159
31	1159

**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 01/04/96  
 COMPLETED BY P.E. Nardone  
 TELEPHONE 603/474-9521  
                   Ext. 4074

REPORT MONTH DECEMBER 1995

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE <span style="float: right;">Page 1 of 1</span>	
95-03	12/01/95	S	253.0	C	4	N/A	Scheduled Refueling Outage.	
<sup>1</sup> F: Forced S: Scheduled		<sup>2</sup> 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)			<sup>3</sup> 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	01/04/96
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.