North Atlantic

North Atlantic Energy Service Corporation
P.O. Box 300
Seabrook, NH 03874
(603) 474-9521, Fax (603) 474-2987

The Northeast Utilities System

Ted C. Feigenbaum
Senior Vice President &
Chief Nuclear Officer

NYN- 95070

September 11, 1995

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

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

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 95-08. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of August, 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/act

Enclosure

cc: Mr. Thomas T. Martin
Regional Administrator
U.S. 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
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. John B. Macdonald
NRC Senior Resident Inspector
PO Box 1149
Seabrook, NH 03874

IE24

OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	09/11/95
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

OPERATING STATUS		
1.	Unit Name:	Seabrook Station Unit 1
2.	Reporting Period:	AUGUST 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):	1200
7.	Maximum Dependable Capacity (Net MWe):	1150
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):	1110MWe
10.	Reasons For Restrictions, If Any:	Final Stage FW Heating capability lost for remainder of Cycle. Throttling Reheat Steam to MSR's to Improve Unit Efficiency.

		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	744.0	5831.0	77784.0
12.	Number of Hours Reactor Was Critical	744.0	5580.6	38847.6
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	744.0	5437.9	36582.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2530752	18568693	120405501
17.	Gross Elec. Energy Generated (MWH)	840022	6437057	41861391
18.	Net Electrical Energy Generated (MWH)	805675	6189296	40216412
*19.	Unit Service Factor	100.0	93.3	79.8
*20.	Unit Availability Factor	100.0	93.3	79.8
*21.	Unit Capacity Factor (Using MDC Net)	94.2	92.3	77.2
*22.	Unit Capacity Factor (Using DER Net)	94.3	92.5	77.4
*23.	Unit Forced Outage Rate	0.0	6.7	6.8
24.	Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Refueling, 11/04/95, 36 Days		
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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	09/11/95
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

MONTH: AUGUST, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1089
2	1089
3	1088
4	1084
5	1085
6	1083
7	1081
8	1082
9	1085
10	1085
11	1086
12	1088
13	1088
14	1088
15	1088
16	1088

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1088
18	1085
19	1080
20	1079
21	1053
22	1036
23	1035
24	1078
25	1090
26	1090
27	1091
28	1090
29	1090
30	1100
31	1109

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	09/11/95
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

REPORT MONTH AUGUST 1995

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
95-02	08/21/95	F	0	A/F	5	N/A	Reduced power to 97% RTP to plug tubes in Feedwater Heater 21A. Returned to full power on 08/24/95.

[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	09/11/95
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 4, 11/04/95

3. Scheduled date for restart following refueling: Refueling Outage 4, 12/19/95

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

   Yes, revisions to Technical Specifications for Accumulator and Refueling Water Storage Tank boron concentration, Main Steam Safety Valve setpoints and of Pressure Isolation Valves will be required.

5. Schedule date(s) for submitting licensing action and supporting information:

   Accumulator and Refueling Water Storage Tank boron concentration was submitted in June 16, 1995. Pressure Isolation Valves was submitted on July 27, 1995. Main Steam Safety Valve setpoints revisions are scheduled for submittal by August 31, 1995.

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:

   Implementation of Amendment #33 to Facility Operating License Wide Band Operation.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

   (a) In Core: 193 (b) 208

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.