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- 95077

October 13, 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 95-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 1995 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

Ted C. Feigenbaum

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
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
1/1

OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 10/13/95
COMPLETED BY P.E. Nardone
TELEPHONE 603/474-9521 Ext. 4074

OPERATING STATUS		
1.	Unit Name:	Seabrook Station Unit 1
2.	Reporting Period:	SEPTEMBER 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	720.0	6551.0	78504.0
12.	Number of Hours Reactor Was Critical	720.0	6300.6	39567.6
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	720.0	6157.9	37302.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2455018	21023710	122860519
17.	Gross Elec. Energy Generated (MWH)	833367	7270424	42694759
18.	Net Electrical Energy Generated (MWH)	800345	6989641	41016758
*19.	Unit Service Factor	100.0	94.0	80.1
*20.	Unit Availability Factor	100.0	94.0	80.1
*21.	Unit Capacity Factor (Using MDC Net)	96.7	92.8	77.5
*22.	Unit Capacity Factor (Using DER Net)	96.8	92.9	77.7
*23.	Unit Forced Outage Rate	0.0	6.0	6.7
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	10/13/95
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

MONTH: SEPTEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1110
2	1109
3	1109
4	1109
5	1109
6	1109
7	1112
8	1113
9	1113
10	1112
11	1111
12	1112
13	1113
14	1114
15	1114
16	1114

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1114
18	1112
19	1112
20	1110
21	1110
22	1112
23	1113
24	1112
25	1111
26	1112
27	1112
28	1112
29	1112
30	1111

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 10/13/95
COMPLETED BY P.E. Nardone
TELEPHONE 603/474-9521 Ext. 4074

REPORT MONTH SEPTEMBER 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
							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	10/13/95
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, 12/09/95

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

   Yes, revisions to Technical Specifications for Main Steam Safety Valve setpoints, Pressure Isolation Valves, Feedwater Isolation and RCS Temperature for oxygen control will be required.

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

   License amendment requests for all of the above, have been submitted.

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.