

**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- 94116

October 12, 1994

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

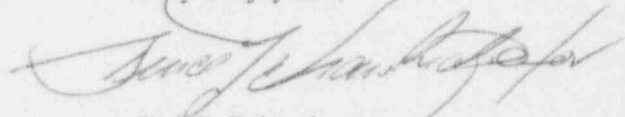
Reference: Facility Operating License NPF-86, Docket No. 50-443

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 94-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 1994 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. Richard Laura
NRC Senior Resident Inspector
PO Box 1149
Seabrook, NH 03874

180019

9410190178 940930
PDR ADDCK 05000443
R PDR

JE24

OPERATING DATA REPORT

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 10/12/94

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	SEPTEMBER 1994		
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:	None		
10.	Reasons For Restrictions, If Any:	Not Applicable		
		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	720.0	6551.0	69744.0
12.	Number of Hours Reactor Was Critical	720.0	3350.9	31058.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	720.0	3258.0	28935.2
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2455597	10867523	94299970
17.	Gross Elec. Energy Generated (MWH)	863207	3801855	32775599
18.	Net Electrical Energy Generated (MWH)	830831	3654566	31478184
*19.	Unit Service Factor	100.0	49.7	76.4
*20.	Unit Availability Factor	100.0	49.7	76.4
*21.	Unit Capacity Factor (Using MDC Net)	100.3	48.5	73.4
*22.	Unit Capacity Factor (Using DER Net)	100.5	48.6	73.5
*23.	Unit Forced Outage Rate	0.0	14.5	7.3
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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 10/12/94

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

MONTH: SEPTEMBER, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1154
2	1154
3	1154
4	1154
5	1153
6	1153
7	1153
8	1153
9	1154
10	1154
11	1154
12	1154
13	1155
14	1155
15	1154
16	1154

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1154
18	1154
19	1155
20	1155
21	1155
22	1155
23	1154
24	1153
25	1153
26	1153
27	1153
28	1153
29	1153
30	1155

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 10/12/94

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

REPORT MONTH SEPTEMBER, 1994

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	10/12/94
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, 01/06/96
3. Scheduled date for restart following refueling: Refueling Outage 4, 02/28/96
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Yes, Technical Specification Figures 3.4-2 and 3.4-3 will require revision.

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:

None

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.