

**North
Atlantic**

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The Northeast Utilities System

Ted C. Feigenbaum
Senior Vice President &
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NYN- 94103

September 12, 1994

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

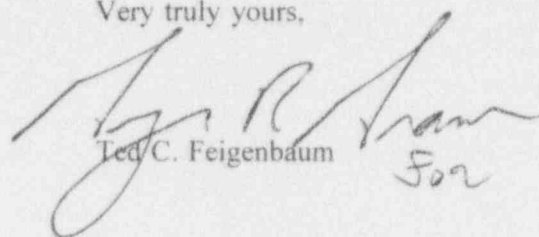
Reference: Facility Operating License NPF-86, Docket No. 50-443

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 94-08. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of August, 1994 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,


Ted C. Feigenbaum
For

Enclosure

cc: Mr. Thomas T. Martin
Regional Administrator
United States Nuclear Regulatory Commission
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OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	09/12/94
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	AUGUST 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	744.0	5831.0	69024.0
12.	Number of Hours Reactor Was Critical	744.0	2630.9	30338.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	737.2	2538.0	28215.2
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2381880	8411926	91844373
17.	Gross Elec. Energy Generated (MWH)	834238	2938648	31912391
18.	Net Electrical Energy Generated (MWH)	801207	2823734	30647352
*19.	Unit Service Factor	99.1	43.5	75.9
*20.	Unit Availability Factor	99.1	43.5	75.9
*21.	Unit Capacity Factor (Using MDC Net)	93.6	42.1	72.8
*22.	Unit Capacity Factor (Using DER Net)	93.8	42.2	72.9
*23.	Unit Forced Outage Rate	0.0	17.9	7.5
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 09/12/94

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

MONTH: AUGUST, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	163
2	410
3	652
4	990
5	1151
6	1154
7	1154
8	1154
9	1154
10	1154
11	1154
12	1155
13	1155
14	1156
15	1155
16	1155

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1156
18	1155
19	1154
20	1154
21	1155
22	1154
23	1153
24	1154
25	1154
26	1154
27	1155
28	1154
29	1155
30	1155
31	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 09/12/94

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

REPORT MONTH AUGUST, 1994

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-03	08/01/94	S	6.8	B	9	NA	Performed Turbine Overspeed Trip Surveillance. Turbine load reduced from 260 MWe. Generator breaker opened. Reactor power being held at 16% RTP.
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	09/12/94
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, 02/29/96
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.