



Public Service of New Hampshire

SEABROOK STATION  
Engineering Office:  
1671 Worcester Road  
Framingham, Massachusetts 01701  
(617) - 872 - 8100

January 31, 1983

SBN-445

T.F. B4.4.2

United States Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. R. A. Hartfield, Chief  
Management Information Branch  
Office of Management and Program Analysis

References: (a) Construction Permit CPPR-135 and CPPR-136, Docket  
Nos. 50-443 and 50-444

Subject: CONSTRUCTION STATUS REPORT: SEABROOK STATION UNIT 1 AND UNIT 2

Dear Sir:

We have attached the Construction Status Report for the period ending  
December 31, 1982.

Very truly yours,

J. DeVincentis  
Project Manager

MHO/fsf

cc: Atomic Safety and Licensing Board Service List

B001

8302040356 830131  
PDR ADOCK 05000443  
R PDR

ASLB SERVICE LIST

Phillip Ahrens, Esquire  
Assistant Attorney General  
Department of the Attorney  
General  
Augusta, ME 04333

Representative Beverly Hollingworth  
Coastal Chamber of Commerce  
209 Winnacunnet Road  
Hampton, NH 03842

William S. Jordan, III, Esquire  
Harmon & Weiss  
1725 I Street, N.W.  
Suite 506  
Washington, DC 20006

E. Tupper Kinder, Esquire  
Assistant Attorney General  
Office of the Attorney General  
208 State House Annex  
Concord, NH 03301

Robert A. Backus, Esquire  
116 Lowell Street  
P.O. Box 516  
Manchester, NH 03105

Edward J. McDermott, Esquire  
Sanders and McDermott  
Professional Association  
408 Lafayette Road  
Hampton, NH 03842

Jo Ann Shotwell, Esquire  
Assistant Attorney General  
Environmental Protection Bureau  
Department of the Attorney General  
One Ashburton Place, 19th Floor  
Boston, MA 02108

## CONSTRUCTION STATUS REPORT

PAGE NO. 2-120

SEABROOK STATION 1

NUCLEAR POWER PLANTS

STATUS AS OF: 99-30-84

12-31-84

## CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE: ~~11-30-83~~ 9-30-84 APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS DEFINED IN  
 APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE: ~~01-01-83~~ 11-30-83 CP: (EARLIEST) February, 1979  
 APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE: 08-01-81 (LATEST) June, 1983  
 APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: 02-28-84 12-31-84

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: ~~54%~~ 68%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

|                                                             | ESTIMATED<br>START   | ACTUAL<br>START | ESTIMATED<br>COMPLETION | ACTUAL<br>COMPLETION | ESTIMATED<br>% COMPLETE |
|-------------------------------------------------------------|----------------------|-----------------|-------------------------|----------------------|-------------------------|
| MOBILIZE AND PREPARE SITE:                                  |                      | 7-76            | <del>8-77</del>         | 8-77                 | 100 %                   |
| PLACE STRUCTURAL CONCRETE:                                  |                      | 9-77            | 8-83                    |                      | <del>69%</del> 96       |
| INSTALL REACTOR PRESSURE VESSEL:                            |                      | 5-81            |                         | 5-81                 | 100 %                   |
| INSTALL LARGE BORE PROCESS PIPE:                            |                      | 10-79           | <del>9-83</del> 7-84    |                      | <del>29%</del> 55       |
| INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SNUBBERS:   |                      | 10-79           | <del>9-83</del> 8-84    |                      | <del>30%</del> 45       |
| INSTALL SMALL BORE PIPE:                                    |                      | 9-80            | <del>9-83</del> 8-84    |                      | <del>5%</del> 28        |
| INSTALL CABLE TRAY:                                         |                      | 9-79            | <del>12-82</del> 12-83  |                      | <del>29%</del> 81       |
| INSTALL EXPOSED METAL CONDUIT:                              |                      | 4-79            | <del>7-83</del> 7-84    |                      | <del>13%</del> 69       |
| INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE: |                      | 5-81            | <del>7-83</del> 7-84    |                      | <del>4%</del> 54        |
| INSTALL ELECTRICAL TERMINATIONS:                            |                      | 6-81            | <del>8-83</del> 8-84    |                      | <del>3%</del> 31        |
| CONDUCT REACTOR COLD HYDROSTATIC TEST:                      | <del>7-83</del> 4-84 |                 | <del>7-83</del> 4-84    |                      | 0 %                     |
| CONDUCT HOT FUNCTIONAL TEST:                                | <del>8-83</del> 6-84 |                 | <del>9-83</del> 8-84    |                      | 0 %                     |
| CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD: | <del>2-82</del>      |                 | <del>11-83</del> 9-84   |                      | 0 %                     |

SEABROOK STATION 1

NUCLEAR POWER PLANTS

STATUS AS OF: ~~09-30-82~~

12-31-82

## PLANT CHARACTERISTICS:

DOCKET NO: 05000443  
 CP NO. & DATE ISSUED: CPR-135 / 07-07-76  
 CP EXPIRATION DATE: 06-30-83  
 APPLICANT: PUBLIC SERVICE CO. OF NEW HAMPSHIRE  
 PLANT LOCATION: SEABROOK, N.H.  
 IE REGION: I  
 AE: UE&C  
 NSSS: WESTINGHOUSE  
 CONSTRUCTOR: UE&C  
 REACTOR TYPE: IWR  
 DER (MW): 1194

## KEY PERSONNEL:

CORPORATE CONTACT: W. C. TALLMAN, CHIEF EXECUTIVE OFFICER  
 CORPORATE ADDRESS: 1000 ELM STREET  
 MANCHESTER, NEW HAMPSHIRE 03105  
 CORPORATE PHONE NO. (603)669-4000  
 NRC LPM: L. WHEELER  
 IE PRINCIPAL INSPECTOR:  
 -CONSTRUCTION: A. C. CERNE (RESIDENT INSPECTOR)  
 -TEST AND STARTUP:  
 IE RESIDENT INSPECTOR:

## INSPECTION STATUS:

OCTOBER 1, 1982 - DECEMBER 31, 1982

TIME PERIOD

January 1, 1981 - October 2, 1981

| REPORT<br>NUMBER | BEG DATE<br>OF INSP. | END DATE<br>OF INSP. |
|------------------|----------------------|----------------------|
| 82-10            | 8/24                 | 9/30                 |
| 82-12            | 9/28                 | 10/1                 |
| 82-13            | 10/1                 | 11/5                 |
| 82-14            | 11/2                 | 11/5                 |
| 82-15            | 11/8                 | 12/20                |

FUEL LOAD DATE CHANGES  
AS REPORTED BY UTILITY:

| REPORT<br>DATE | NEW<br>SCHEDULE |
|----------------|-----------------|
| 09-06-77       | 09-01-82        |
| 11-08-78       | 01-01-83        |
| 04-04-81       | 11-30-83        |
| 11-30-82       | 09-30-84        |

REASON FOR CHANGE  
REPORTED BY UTILITY

DELAYS DUE TO EPA REVERSAL OF PREVIOUS APPROVAL OF  
 ONCE THROUGH CIRCULATING WATER SYSTEM & SUBSEQUENT  
 NRC WITHDRAWAL OF CONSTRUCTION PERMIT & TIME  
 REQUIRED TO REMOBILIZE.  
 SCHEDULE REEVALUATION.  
 SCHEDULE REEVALUATION.  
 DELAY REFLECTS SLOWER THAN PLANNED PROGRESS  
 DUE TO ADDED LABOR REQUIREMENTS PRIMARILY TO  
 MEET ENGINEERING CHANGES.

## LOCAL PUBLIC DOCUMENT ROOM:

EXETER PUBLIC LIBRARY  
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NUCLEAR POWER PLANTS

STATUS AS OF: 09-30-81

12-31-82

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE:  
 APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE:  
 APPLICANT'S ESTIMATE FUEL LOADING DATE AT CP ISSUANCE:  
 APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE:

02-28-86 12-31-86 APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS DEFINED IN  
 11-01-84 1-30-86 CP: (EARLIEST) January, 1981  
 10-01-83 (LATEST) October, 1984  
 05-31-86 3-31-87

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 92 16%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

- MOBILIZE AND PREPARE SITE:
- PLACE STRUCTURAL CONCRETE:
- INSTALL REACTOR PRESSURE VESSEL:
- INSTALL LARGE BORE PROCESS PIPE:
- INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SNUBBERS:
- INSTALL SMALL BORE PIPE:
- INSTALL CABLE TRAY:
- INSTALL EXPOSED METAL CONDUIT:
- INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE:
- INSTALL ELECTRICAL TERMINATIONS:
- CONDUCT REACTOR COLD HYDROSTATIC TEST:
- CONDUCT HOT FUNCTIONAL TEST:
- CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:

| ESTIMATED<br>START | ACTUAL<br>START | ESTIMATED<br>COMPLETION | ACTUAL<br>COMPLETION | ESTIMATED<br>% COMPLETE |
|--------------------|-----------------|-------------------------|----------------------|-------------------------|
| 8-83 2-84          | 7-76            | 7-83 5-86               | 8-77                 | 100 %                   |
| 1-83 - - - 9-82    | 8-81            | 9-83 3-84               |                      | 14-2 44                 |
| 1-31 - - - 9-82    |                 | 2-86 10-86              |                      | 0 %                     |
| 12-83 7-84         |                 | 2-86 11-86              |                      | 0-2 4                   |
| 6-83 1-84          |                 | 2-86 10-86              |                      | 0-2 1                   |
| 1-83 4-84          |                 | 4-85 1-86               |                      | 0-2 1                   |
| 10-83 9-84         |                 | 7-85 9-86               |                      | 0-2 5                   |
| 11-83 10-84        |                 | 7-85 7-86               |                      | 0 %                     |
| 10-85 7-86         |                 | 8-85 10-86              |                      | 0 %                     |
| 12-85 9-86         |                 | 10-85 8-86              |                      | 0 %                     |
| 5-84 3-85          |                 | 1-86 10-86              |                      | 6 %                     |
|                    |                 | 2-86 11-86              |                      | 0 %                     |

# CONSTRUCTION STATUS REPORT

PAGE NO. 2-12

SEABROOK STATION 2

NUCLEAR POWER PLANTS

STATUS AS OF: 09-30-81

12-31-82

## PLANT CHARACTERISTICS:

DOCKET NO: 05000444  
 CP NO. & DATE ISSUED: CPR-136 / 07-07-76  
 CP EXPIRATION DATE: 10-31-84  
 APPLICANT: PUBLIC SERVICE CO. OF NEW HAMPSHIRE  
 PLANT LOCATION: SEABROOK, N.H.  
 IE REGION: I  
 AE: UE&C  
 WESTINGHOUSE  
 NSSS: UE&C  
 CONSTRUCTOR: FWR  
 REACTOR TYPE: 1194  
 DER (MWE):

## KEY PERSONNEL:

CORPORATE CONTACT: W. C. TALLMAN, CHIEF EXECUTIVE OFFICER  
 CORPORATE ADDRESS: 1000 ELM STREET  
 MANCHESTER, NEW HAMPSHIRE 03105  
 CORPORATE PHONE NO. (603)669-4000  
 NRC LPN: L. WHEELER  
 IE PRINCIPAL INSPECTOR: A. C. ERNE (RESIDENT INSPECTOR)  
 -CONSTRUCTION:  
 -TEST AND STARTUP:  
 IE RESIDENT INSPECTOR:

## INSPECTION STATUS:

OCTOBER 1, 1982 - DECEMBER 31, 1982

TIME PERIOD  
 January 1, 1981 - October 2, 1981

| REPORT NUMBER | REG DATE OF INSP. | END DATE OF INSP. |
|---------------|-------------------|-------------------|
| 82-10         | 8/24              | 9/30              |
| 82-11         | 10/1              | 11/5              |
| 82-12         | 11/2              | 11/5              |
| 82-13         | 11/8              | 12/20             |

## FUEL LOAD DATE CHANGES AS REPORTED BY UTILITY:

| REPORT DATE | NEW SCHEDULE | REASON FOR CHANGE REPORTED BY UTILITY                                                                                                                                      |
|-------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09-06-77    | 09-01-84     | DELAYS DUE TO EPA REVERSAL OF PREVIOUS APPROVAL OF CHCE THROUGH CIRCULATING WATER SYSTEM & SUBSEQUENT NRC WITHDRAWAL OF CONSTRUCTION PERMIT & TIME REQUIRED TO REMOBILIZE. |
| 11-08-78    | 11-01-84     | SCHEDULE REEVALUATION.                                                                                                                                                     |
| 04-04-81    | 02-28-86     | SCHEDULE REEVALUATION.                                                                                                                                                     |
| 11-30-82    | 12-31-86     | DELAY REFLECTS SLOWER-THAN-PLANNED PROGRESS DUE TO ADDED LABOR REQUIREMENTS PRIMARILY TO PERT ENGINEERING CHANGES.                                                         |

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