



Public Service of New Hampshire

New Hampshire Yankee Division

April 17, 1986

SBN- 1010

T.F. B4.4.2

United States Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Mr. Vincent S. Noonan, Project Director  
PWR Project Directorate No. 5

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

Subject: Construction Status Report; Seabrook Station, Units 1 and 2

Dear Sir:

Enclosed, please find the Construction Status Report for the period  
ending March 31, 1986.

Very truly yours,

John DeVincentis, Director  
Engineering and Licensing

Enclosure

cc: Atomic Safety and Licensing Board Service List

B604230109 B60417  
PDR ADOCK 05000443  
R PDR

3001  
||

Diane Curran, Esquire  
Harmon & Weiss  
2001 S. Street, N.W.  
Suite 430  
Washington, D.C. 20009

Sherwin E. Turk, Esq.  
Office of the Executive Legal Director  
U.S. Nuclear Regulatory Commission  
Tenth Floor  
Washington, DC 20555

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

Philip Ahrens, Esquire  
Assistant Attorney General  
Department of The Attorney General  
Statehouse Station #6  
Augusta, ME 04333

Mrs. Sandra Gavutis  
Chairman, Board of Selectmen  
RFD 1 - Box 1154  
Kennington, NH 03827

Carol S. Sneider, Esquire  
Assistant Attorney General  
Department of the Attorney General  
One Ashburton Place, 19th Floor  
Boston, MA 02108

Senator Gordon J. Humphrey  
U.S. Senate  
Washington, DC 20510  
(ATTN: Tom Burack)

Richard A. Hampe, Esq.  
Hampe and McNicholas  
35 Pleasant Street  
Concord, NH 03301

Donald E. Chick  
Town Manager  
Town of Exeter  
10 Front Street  
Exeter, NH 03833

Brentwood Board of Selectmen  
RFD Dalton Road  
Brentwood, NH 03833

Peter J. Mathews, Mayor  
City Hall  
Newburyport, MA 01950

Calvin A. Canney  
City Manager  
City Hall  
126 Daniel Street  
Portsmouth, NH 03801

Stephen E. Merrill, Esquire  
Attorney General  
George Dana Bisbee, Esquire  
Assistant Attorney General  
Office of the Attorney General  
25 Capitol Street  
Concord, NH 03301-197

Mr. J. P. Nadeau  
Selectmen's Office  
10 Central Road  
Rye, NH 03870

Mr. Angie Machiros  
Chairman of the Board of Selectmen  
Town of Newbury  
Newbury, MA 01950

Mr. William S. Lord  
Board of Selectmen  
Town Hall - Friend Street  
Amesbury, MA 01913

Senator Gordon J. Humphrey  
1 Pillsbury Street  
Concord, NH 03301  
(ATTN: Herb Boynton)

H. Joseph Flynn, Esquire  
Office of General Counsel  
Federal Emergency Management Agency  
500 C Street, SW  
Washington, DC 20472

Paul McEachern, Esquire  
Matthew T. Brock, Esquire  
Shaines & McEachern  
25 Maplewood Avenue  
P.O. Box 360  
Portsmouth, NH 03801

Gary W. Holmes, Esq.  
Holmes & Ells  
47 Winnacunnet Road  
Hampton, NH 03841

Mr. Ed Thomas  
FEMA Region I  
442 John W. McCormack PO & Courthouse  
Boston, MA 02109

Stanley W. Knowles, Chairman  
Board of Selectmen  
P.O. Box 710  
North Hampton, NH 03862

Administrative Judge Helen Hoyt, Chairperson  
Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge Sheldon J. Wolfe, Chairman  
Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dr. Emmeth A. Luebke  
Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dr. Jerry Harbour  
Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Plant Characteristics:

Docket No.: 05000443  
 CP No. and Date Issued: CPPR-135/07-07-76  
 CP Expiration Date: 06-30-86  
 Applicant: Public Service Of New Hampshire  
 Plant Location: 10 Mi. South of Portsmouth, NH  
 IE Region: I  
 AE: United Engineers & Constructors  
 NSSS: Westinghouse  
 Constructor: United Engineers & Constructors  
 Reactor Type: PWR  
 DER (MWE): 1198

Key Personnel:

Corporate Contact: R. J. Harrison, President and Chief Executive Officer  
 Corporate Address: 1000 Elm Street  
 Manchester, New Hampshire 03105  
 Corporate Telephone No.: (603) 669-4000  
 NRC LPM: V. Nerses  
 IE Project Inspector  
 IE Resident Inspector A. C. Cerne

Inspection Status:

Fuel Load Date Changes  
As Reported By Utility:

January, 1986 Time Period March, 1986  
~~October 1985 To December 1985~~

Report Number	Beg. Date Of Insp.	End Date Of Insp.	Report Date	New Schedule	Reason For Change Reported By Utility
85-18	06-10-85	06-14-85	09-06-77	09-01-82	Delays Due To EPA Reversal of Previous Approval of Once Through Circulating Water System and Subseq. NRC Withdrawal Of Const. Permit, and Time Req. to Remobilize
85-24	09-30-85	10-04-85			
85-25	08-28-85	10-18-85			Schedule Re-evaluation
85-26	09-23-85	09-27-85	11-08-78	01-01-83	
85-27	10-16-85	10-18-85	04-04-81	11-30-83	Schedule Re-evaluation
85-28	10-16-85	10-18-85	11-30-82	09-30-84	Schedule Re-evaluation
85-29	11-04-85	11-08-85	09-25-84	04-30-86	Schedule Re-evaluation
85-30	10-28-85	11-27-85			Incorporate Impact of Construction Suspension and Cash Restrictions in 1984
85-31	10-19-85	12-03-85			
85-32	12-09-85	12-13-85			Schedule Re-evaluation
85-33	12-11-85	12-13-85	07-24-85	06-30-86	

SEE Inset "A"

Inspection Reports Are Available At Local PDRs.

Local Public Document Room:

Exeter Public Library  
 Front Street  
 Exeter, New Hampshire 03883

## Construction Status:

Applicant's Current Estimated Fuel Loading Date: 06-30-86      Applicants Construction Completion Estimate As Defined  
 Applicant's Previous Estimated Fuel Loading Date: 04-30-86      In CP: (Earliest) February 1979  
 Applicant's Estimated Fuel Loading Date At CP Issuance: 08-01-81      (Latest) June 1986  
 Applicant's Current Estimated Commercial Operation Date: 10-31-86

Current Estimated Percent Construction Complete: ~~98%~~ 98%

## Comments Regarding Current Construction Status:

	Estimated Start	Actual Start	Estimated Completion	Actual Completion	Estimate % Complete
Mobilize and Prepare Site:		07-76		08-77	100%
Place Structural Concrete:		09-77	<del>04-86</del>	03-86	99% 100%
Install Reactor Pressure Vessel:		05-81		05-81	100%
Install Large Bore Process Pipe:		10-79	02-86		98% 99%
Install Large Bore Pipe Hangers, Restraints, and Snubbers:		10-79	02-86		91% 98%
Install Small Bore Pipe:		09-80	02-86		99%
Install Cable Tray:		09-79	02-86		99%
Install Exposed Metal Conduit:		04-79	<del>02-86</del>	3-86	95% 100%
Install Power, Control, Instrumentation, and Security Cable:		05-81	02-86		94% 99%
Install Electrical Terminations:		06-81	02-86		92% 99%
Conduct Reactor Cold Hydrostatic Test:		03-85		04-85	100%
Conduct Hot Functional Test:		10-85		11-85	100%
Conduct PREOP and Acceptance Tests Necessary For Fuel Load:		11-82	04-86		41% 67%

## Construction Status:

Applicant's Current Estimated Fuel Loading Date: \* Applicants Construction Completion Estimate As Defined  
 Applicant's Previous Estimated Fuel Loading Date: 04-30-87 In CP: (Earliest) January 1981  
 Applicant's Estimated Fuel Loading Date At CP Issuance: 10-01-83 (Latest) October 1988  
 Applicant's Current Estimated Commercial Operation Date: \*

Current Estimated Percent Construction Complete: 24%

Comments Regarding Current Construction Status: Indeterminate

	<u>Estimated Start</u>	<u>Actual Start</u>	<u>Estimated* Completion</u>	<u>Actual Completion</u>	<u>Estimate % Complete</u>
Mobilize and Prepare Site:		07-76		08-77	100%
Place Structural Concrete:		08-81			69%
Install Reactor Pressure Vessel:		10-83		12-83	100%
Install Large Bore Process Pipe:		09-82			4%
Install Large Bore Pipe Hangers, Restraints, and Snubbers:		09-82			3%
Install Small Bore Pipe:					0%
Install Cable Tray:					0%
Install Exposed Metal Conduit:					0%
Install Power, Control, Instrumentation, and Security Cable:					0%
Install Electrical Terminations:					0%
Conduct Reactor Cold Hydrostatic Test:					0%
Conduct Hot Functional Test:					0%
Conduct PREOP and Acceptance Tests Necessary For Fuel Load:					0%

\*Indeterminate

## Construction Status:

Applicant's Current Estimated Fuel Loading Date: \* Applicants Construction Completion Estimate As Defined  
 Applicant's Previous Estimated Fuel Loading Date: 04-30-87 In CP: (Earliest) January 1981  
 Applicant's Estimated Fuel Loading Date At: 10-01-83 (Latest) October 1988  
 CP Issuance: \*  
 Applicant's Current Estimated Commercial Operation Date: \*

Current Estimated Percent Construction Complete: 24%

Comments Regarding Current Construction Status: Indeterminate

	Estimated Start	Actual Start	Estimated* Completion	Actual Completion	Estimate % Complete
Mobilize and Prepare Site:		07-76		06-77	100%
Place Structural Concrete:		08-81			69%
Install Reactor Pressure Vessel:		10-83		12-83	100%
Install Large Bore Process Pipe:		09-82			4%
Install Large Bore Pipe Hangers, Restraints, and Snubbers:		09-82			3%
Install Small Bore Pipe:					0%
Install Cable Tray:					0%
Install Exposed Metal Conduit:					0%
Install Power, Control, Instrumentation, and Security Cable:					0%
Install Electrical Terminations:					0%
Conduct Reactor Cold Hydrostatic Test:					0%
Conduct Hot Functional Test:					0%
Conduct PREOP and Acceptance Tests Necessary For Fuel Load:					0%

\*Indeterminate

INSERT "A"

<u>INSPECTION</u>	<u>ENTRANCE</u>	<u>EXIT</u>
86-01	01/06	01/10
86-02	01/13	01/23
86-03	01/27	01/31
86-04	01/13	01/16
86-05	01/27	01/30
86-06	02/24	02/28
86-07	03/10	03/14
86-08	02/05	02/06
86-10	02/24	02/28
86-11	02/10	02/14
86-12	02/03	04/01
86-13	02/24	02/28
86-14	03/17	03/21
86-15	03/04	03/19
86-16	03/17	03/21
86-17	03/11	03/14
86-18	03/24	03/28
86-19	03/24	03/27
EQUIPMENT QUALIFICATION	02/25	02/27