

Docket No.: 50-443

JUN 13 1986

Mr. Robert J. Harrison
President and Chief Executive Officer
Public Service Company of New Hampshire
Post Office Box 330
Manchester, New Hampshire 03105

Dear Mr. Harrison:

SUBJECT: ENVIRONMENTAL ASSESSMENT - SEABROOK STATION, UNIT 1

Enclosed for your information is a copy of the "Environmental Assessment and Finding of No Significant Impact", related to your May 7, 1986, request for an extension of the latest construction completion date for the Seabrook Station, Unit 1.

The Environmental Assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

for Victor Nerses
Vincent S. Noonan, Director
PWR Project Directorate #5
Division of Licensing-A

Enclosure:
Environmental Assessment

cc: with enclosure - see next page

Distribution:

<u>Docket Files</u>	OELD	ACRS (10)
NRC PDR	J. Partlow	
Local PDR	B. Grimes	
T. Novak	E. Jordan	
PD#5 R/F	M. Rushbrook	

PD#5/
MRushbrook
5/2/86

PD#5/
Nerses
6/2/86

OELD
6/9/86

DIR:PD#5/
VSNoonan
6/13/86

8606230472 860613
PDR ADDCK 05000443
A PDR

Alternative Use of Resources: This action does not involve the use of resources not previously considered in the FES for the Seabrook Station.

Agencies and Persons Contacted: The NRC staff reviewed the applicants' request and applicable documents referenced therein that support this extension. The NRC did not consult other agencies or persons.

Finding of No Significant Impact: The Commission has determined not to prepared an environmental impact statement for this action. Based upon the environmental assessment, we conclude that this action will not have a significant effect on the quality of the human environment.

For details with respect to this action, see the request for extension, dated May 7, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the local public document room in the Exeter Public Library, Front Street, Exeter, New Hampshire,. 03833.

Dated at Bethesda, Maryland this 13th day of June , 1986

FOR THE NUCLEAR REGULATORY COMMISSION

15/
Victor Nerses, Acting Director
PWR Project Directorate #5
Division of PWR Licensing-A

*See previous concurrences

PD#5
MRushbrook
6/13/86

PD#5
VNerses
6/13/86

OELD
1 / 86

DIR: PD#5
VGoodman
6/13/86

Alternative Use of Resources: This action does not involve the use of resources not previously considered in the FES for the Seabrook Station.

Agencies and Persons Contacted: The NRC staff reviewed the applicants' request and applicable documents referenced therein that support this extension. The NRC did not consult other agencies or persons.

Finding of No Significant Impact: The Commission has determined not to prepared an environmental impact statement for this action. Based upon the environmental assessment, we conclude that this action will not have a significant effect on the quality of the human environment.

For details with respect to this action, see the request for extension, dated May 7, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the local public document room in the Exeter Public Library, Front Street, Exeter, New Hampshire,. 03833.

Dated at Bethesda, Maryland this day of _____, 1986

FOR THE NUCLEAR REGULATORY COMMISSION

Vincent S. Noonan, Director
PWR Project Directorate #5
Division of PWR Licensing-A

Seeding
P.2

PD#5
MRUahbrook
5/13/86

PD#5
Herses
6/2/86

OELD
6/9/86

DIR:PD#5
VSNoonan
/ /86



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 13 1986

Docket No.: 50-443

Mr. Robert J. Harrison
President and Chief Executive Officer
Public Service Company of New Hampshire
Post Office Box 330
Manchester, New Hampshire 03105

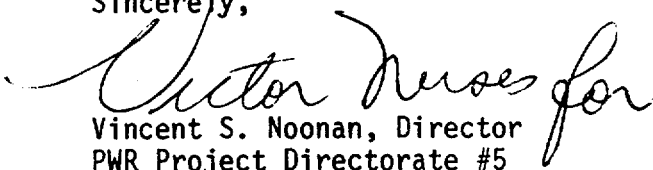
Dear Mr. Harrison:

SUBJECT: ENVIRONMENTAL ASSESSMENT - SEABROOK STATION, UNIT 1

Enclosed for your information is a copy of the "Environmental Assessment and Finding of No Significant Impact", related to your May 7, 1986, request for an extension of the latest construction completion date for the Seabrook Station, Unit 1.

The Environmental Assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,


Vincent S. Noonan, Director
PWR Project Directorate #5
Division of Licensing-A

Enclosure:
Environmental Assessment

cc: with enclosure - see next page

Public Service Company of
New Hampshire

- 2 -

Seabrook Nuclear Power Station

cc:

Mr. Calvin A. Canney, City Manager
City Hall
126 Daniel Street
Portsmouth, New Hampshire 03801

Ms. Letty Hett
Town of Brentwood
RFD Dalton Road
Brentwood, New Hampshire 03833

Ms. Roberta C. Pevear
Town of Hampton Falls, New Hampshire
Drinkwater Road
Hampton Falls, New Hampshire 03844

Ms. Sandra Gavutis
Town of Kensington, New Hampshire
RDF 1
East Kingston, New Hampshire 03827

Chairman, Board of Selectmen
RFD 2
South Hampton, New Hampshire 03827

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

Ms. Cashman, Chairman
Board of Selectmen
Town of Amesbury
Town Hall
Amesbury, Massachusetts 01913

Honorable Peter J. Matthews
Mayor, City of Newburyport
Office of the Mayor
City Hall
Newburyport, Massachusetts 01950

Mr. Donald E. Chick, Town Manager
Town of Exeter
10 Front Street
Exeter, New Hampshire 03823

Mr. Alfred V. Sargent,
Chairman
Board of Selectmen
Town of Salisbury, MA 01950

Senator Gordon J. Humphrey
ATTN: Tom Burack
U.S. Senate
Washington, D.C. 20510

Mr. Owen B. Durgin, Chairman
Durham Board of Selectmen
Town of Durham
Durham, New Hampshire 03824

Charles Cross, Esq.
Shaines, Mardrigan and
McEaschern
25 Maplewood Avenue
Post Office Box 366
Portsmouth, New Hampshire 03801

Mr. Guy Chichester, Chairman
Rye Nuclear Intervention
Committee
c/o Rye Town Hall
10 Central Road
Rye, New Hampshire 03870

Jane Spector
Federal Energy Regulatory
Commission
825 North Capital Street, NE
Room 8105
Washington, D. C. 20426

Mr. R. Sweeney
New Hampshire Yankee Division
Public Service of New Hampshire
Company
7910 Woodmont Avenue
Bethesda, Maryland 20814

Mr. William B. Derrickson
Senior Vice President
Public Service Company of
New Hampshire
Post Office Box 700, Route 1
Seabrook, New Hampshire 03874

APR 7 1986

Mr. Robert J. Harrison
Public Service Company of New Hampshire

Seabrook Nuclear Power Station

cc:

Thomas Dignan, Esq.
John A. Ritscher, Esq.
Ropes and Gray
225 Franklin Street
Boston, Massachusetts 02110

E. Tupper Kinder, Esq.
G. Dana Bisbee, Esq.
Assistant Attorney General
Office of Attorney General
208 State House Annex
Concord, New Hampshire 03301

Mr. Bruce B. Beckley, Project Manager
Public Service Company of New Hampshire
Post Office Box 330
Manchester, New Hampshire 03105

Resident Inspector
Seabrook Nuclear Power Station
c/o US Nuclear Regulatory Commission
Post Office Box 700
Seabrook, New Hampshire 03874

Dr. Mauray Tye, President
Sun Valley Association
209 Summer Street
Haverhill, Massachusetts 01839

Mr. John DeVincentis, Director
Engineering and Licensing
Yankee Atomic Electric Company
1671 Worcester Road
Framingham, Massachusetts 01701

Robert A. Backus, Esq.
O'Neil, Backus and Spielman
116 Lowell Street
Manchester, New Hampshire 03105

Mr. A. M. Ebner, Project Manager
United Engineers & Constructors
30 South 17th Street
Post Office Box 8223
Philadelphia, Pennsylvania 19101

William S. Jordan, III
Diane Curran
Harmon, Weiss & Jordan
20001 S Street, NW
Suite 430
Washington, D.C. 20009

Mr. Philip Ahrens, Esq.
Assistant Attorney General
State House, Station #6
Augusta, Maine 04333

Jo Ann Shotwell, Esq.
Office of the Assistant Attorney General
Environmental Protection Division
One Ashburton Place
Boston, Massachusetts 02108

Mr. Warren Hall
Public Service Company of
New Hampshire
Post Office Box 330
Seabrook, New Hampshire 03874

D. Pierre G. Cameron, Jr., Esq.
General Counsel
Public Service Company of New Hampshire
Post Office Box 330
Manchester, New Hampshire 03105

Seacoast Anti-Pollution League
Ms. Jane Doughty
5 Market Street
Portsmouth, New Hampshire 03801

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Mr. Diana P. Randall
70 Collins Street
Seabrook, New Hampshire 03874

Richard Hampe, Esq.
New Hampshire Civil Defense Agency
107 Pleasant Street
Concord, New Hampshire 03301

APR 7 1986

U. S. NUCLEAR REGULATORY COMMISSION
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE, ET AL.
SEABROOK STATION, UNIT 1
DOCKET 50-443
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The Nuclear Regulatory Commission (the Commission) is considering issuance of an extension to the latest construction completion date specified in Construction Permit CPPR-135. Construction Permit CPPR-135 for the Seabrook Station, Unit 1 was issued to Public Service Company of New Hampshire, et al. on July 7, 1976, with the latest construction completion date as June 30, 1983. By Order, dated May 12, 1984, the Commission extended the latest construction completion date for Seabrook Station, Unit 1 to June 30, 1986. The Seabrook Station is located in Seabrook Township, Rockingham County, New Hampshire on the southeastern coast of the State of New Hampshire.

Environmental Assessment

Identification of Proposed Action: The proposed action would amend the construction permit by extending the latest construction completion date from June 30, 1986 to June 30, 1987. The proposed action is in response to applicants' request, dated May 7, 1986.

published in the Federal Register on June 19, 1986
 (51 FR 22366)

*Public Service Company of New Hampshire is authorized to act as agent and representative for the: Bangor Hydor-Electric Company, Canal Electric Company, Central Maine Power Company, Central Vermont Public Service Corporation Connecticut Light & Power Company, Fitchburg Gas & Electric Light Company Hudson Light & Power Department, Maine Public Service Company, Massachusetts Municipal Wholesale Electric Company, Montaup Electric Company, New England Power Company, New Hampshire Electric Cooperative, Inc., Public Service Company of New Hampshire, Taunton Municipal Lighting Plant, United Illuminating Company, Vermont Electric Generation and Transmission Cooperative, Inc., and Washington Electric Cooperative, Inc.

The Need for the Proposed Action: The proposed action is needed because the construction of the facility is not 100% completed. Construction of Seabrook Unit 1 is virtually complete, but it is not an absolute certainty that the construction will be fully completed by June 30, 1986, the present expiration date of CPPR-135. In addition, formulation of offsite emergency plans for various State and Local governmental entities which are necessary for NRC approval for issuance of an operating license may not be forthcoming prior to June 30, 1986. Essential regulatory approvals for fuel loading and low power operation may not be issued prior to June 30, 1986.

The requested revised completion date extends beyond the date by which the applicant expects to load fuel at Seabrook Station, Unit 1 and reflects a conservative estimate of actual completion.

Environmental Impacts of the Proposed Action: The environmental impacts associated with construction of the facility have been previously discussed and evaluated in the NRC staff's Final Environmental Statement (FES) issued in December 1974 for the construction permit stage which covered construction of Seabrook Station, Units 1 and 2. The NRC's staff Final Environmental Statement (FES) related to operation of the two units was issued in December 1982.

Since the proposed action involves extending the construction permit, radiological impacts are not affected by this action. The impacts that are involved are all non-radiological and are associated with continued construction. As a result of the review of the Final Safety Analysis Report to date and considering the nature of the delays, the NRC staff has identified no area of significant safety consideration in connection with the extension of the construction completion date for Seabrook Station, Unit 1. The only change proposed by the applicant is an extension of the latest construction completion date to June 30, 1987. This extension would not change the activities already considered by previous Commission safety reviews of the facility and authorized by the construction permit, other than to extend the latest date by which construction must be completed. There are no new significant impacts associated with the extension.

Alternatives Considered: A possible alternative to the proposed action would be to deny the request. Under this alternative, the applicant would not be able to complete construction of the facility. This would result in denial of the benefit of power production. This option would not eliminate the environmental impacts of construction already incurred.

If the construction were halted and not completed, site redress activities would restore some small area to their natural state. This would be a slight environmental benefit, but much outweighed by the economic losses from denial to use a facility that is virtually complete.

Alternative Use of Resources: This action does not involve the use of resources not previously considered in the FES for the Seabrook Station.

Agencies and Persons Contacted: The NRC staff reviewed the applicants' request and applicable documents referenced therein that support this extension. The NRC did not consult other agencies or persons.

Finding of No Significant Impact: The Commission has determined not to prepare an environmental impact statement for this action. Based upon the environmental assessment, we conclude that this action will not have a significant effect on the quality of the human environment.

For details with respect to this action, see the request for extension, dated May 7, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the local public document room in the Exeter Public Library, Front Street, Exeter, New Hampshire, 03833.

Dated at Bethesda, Maryland this 13th day of June, 1986

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Victor Nerses".

Victor Nerses, Acting Director
PWR Project Directorate #5
Division of PWR Licensing-A