

North
Atlantic

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RZ-App.
Docket &
Action

North Atlantic Energy Service Corporation
P.O. Box 300
Seabrook, NH 03874
(603) 474-9521

The Northeast Utilities System

March 10, 1997

Docket No. 50-443
NYN-97026

United States Nuclear Regulatory Commission
Attn: Mr. Samuel J. Collins
Director, Office of Nuclear Reactor Regulation
Washington, D.C. 20555-0001

Seabrook Station
Nuclear Liability Insurance

Enclosed, please find one certified copy of each of the following endorsements to the below listed nuclear liability insurance policies for Seabrook Station. These endorsements replace those submitted to you on August 20, 1996¹.

Endorsement to Certificates and Annual Premium Endorsement for Calendar Year 1997:

Policy Number

M-0109

N-0109

Advance Premium and Standard Premium Endorsement for Calendar Year 1997:

Policy Number

MW-0097

NW-0188

Increase in Limit of Liability Endorsement, Amendment to Condition 4, and Advance Premium and Standard Premium Endorsement for Calendar Year 1997:

Policy Number

NF-0296

Reduction of Limit of Liability Endorsement, Amendment of Condition 4, and Advance Premium and Standard Premium Endorsement for Calendar Year 1997:

Policy Number

MF-0127

NRC FILE CENTER COPY

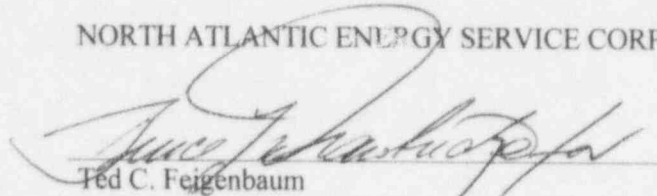
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¹ NYN-96057, "Seabrook Station Nuclear Liability Insurance," dated August 20, 1996, W. A. DiProffio to W. T. Russell

This information is provided in accordance with the requirements of 10CFR140.15. Should you have any questions concerning this response, please contact Mr. Terry L. Harpster, Director of Licensing, at (603) 773-7765.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



Ted C. Feigenbaum
Executive Vice President and
Chief Nuclear Officer

cc: H. J. Miller, Regional Administrator
A. W. De Agazio, Sr. Project Manager
J. B. Macdonald, NRC Senior Resident Inspector

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-0109

Forming Part of Master Policy No. 1

Nuclear Energy Liability Insurance

(Secondary Financial Protection)

It is agreed that effective January 1, 1997:

I.) Item 4. (a) of the certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance Association's
Policy NF- 0296

(ii) Mutual Atomic Energy Liability Underwriter's
Policy MF- 0127

(2) Master Worker Policies (Facility Worker Form)

(i) Nuclear Energy Liability Insurance Association's
Master Worker Policy NMWP-1 \$183,480,000

(ii) Mutual Atomic Energy Liability Underwriter's
Master Worker Policy MMWP-1 \$ 16,520,000

II.) Item 7. of the certificate is amended to read as follows:

Item 7. Maximum retrospective premium (exclusive of allowance for premium taxes) payable pursuant to Condition 2 of the Master Policy with respect to each nuclear incident: \$72,726,885.

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL
CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR
INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR
ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL
PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.

Effective Date of
this Endorsement:

JOHN L. QUATTROCCHI
January 1, 1997
SENIOR VICE PRESIDENT-UNDERWRITING
(12:01 A.M. Standard Time)
AMERICAN NUCLEAR INSURERS

Forming part of Certificate No. N -0109

Issued to: Seabrook Joint Owners

Date of Issue: October 1, 1996

For the subscribing companies

By

President

Endorsement No:

21

Countersigned by

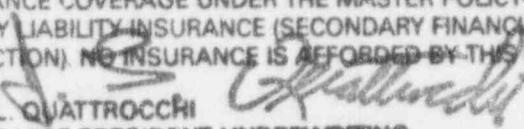
NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$6,881.00**

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). ~~NO INSURANCE IS AFFORDED BY THIS COPY.~~


JOHN L. QUATTROCCHI
SENIOR VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: January 1, 1997
(12:01 A.M. Standard Time)

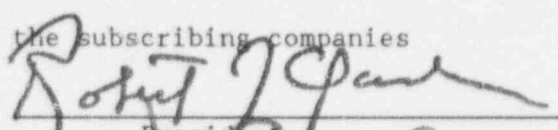
To form a part of Certificate No. N -0109

Issued to: Seabrook Joint Owners

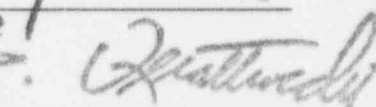
Date of Issue: September 6, 1996

For the subscribing companies

By


President

Endorsement No: 22

Countersigned by 

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-0109

Forming Part of Master Policy No. 1
Nuclear Energy Liability Insurance
(Secondary Financial Protection)

It is agreed that effective January 1, 1997:

I.) Item 4. (a) of the certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance Association's
Policy NF- 0296

(ii) Mutual Atomic Energy Liability Underwriter's
Policy MF- 0127

(2) Master Worker Policies (Facility Worker Form)

(i) Nuclear Energy Liability Insurance Association's
Master Worker Policy NMWP-1 \$183,480,000

(ii) Mutual Atomic Energy Liability Underwriter's
Master Worker Policy MMWP-1 \$ 16,520,000

II.) Item 7. of the certificate is amended to read as follows:

Item 7. Maximum retrospective premium (exclusive of allowance for premium taxes) payable pursuant to Condition 2 of the Master Policy with respect to each nuclear incident: \$6,548,115.

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL
CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR
INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR
ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL
PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.

Effective Date of
this Endorsement:

JOHN L. QUATTROCCI
January 1, 1997
(12:01 A.M. Standard Time)
SENIOR VICE PRESIDENT-UNDERWRITING
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

To form a part of Certificate No. M-0109

Issued to: Seabrook Joint Owners

Date of Issue: October 1, 1996

For the subscribing companies

By

J. S. Quattrocchi
Nicholas D. Jones

Endorsement No:

21

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$619.00**

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.

J. S. Quattrocchi
JOHN L. QUATTROCCHI
SENIOR VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: **January 1, 1997**
(12:01 A.M. Standard Time)

To form a part of Certificate No. **M -0109**

Issued to: **Seabrook Joint Owners**

Date of Issue: **September 6, 1996**

For the subscribing companies

By

Endorsement No: **22**

Countersigned by *Nicholas D. Jones*

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$21,192.00**
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is: **\$16,953.00**

This is to certify that this is a true copy of the original endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form). No insurance is afforded hereunder.

John L. Quattrocchi, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement: **January 1, 1997**
(12:01 A.M. Standard Time)

To form a part of Certificate No. **NW -0188**

Issued to: **Seabrook Joint Owners**

Date of Issue: **September 23, 1996**

For the subscribing companies

By

Robert J. [Signature]
President

Endorsement No: **18**

Countersigned by *J. L. Quattrocchi*

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$1,908.00**
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is: **\$1,526.00**

This is to certify that this is a true copy of the original endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form). No insurance is afforded hereunder.

J. S. Quattrocchi
John L. Quattrocchi, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement: January 1, 1997
(12:01 A.M. Standard Time)

To form a part of Certificate No. MW -0097

Issued to: Seabrook Joint Owners

Date of Issue: September 23, 1996

For the subscribing companies

By

Endorsement No: 18

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

INCREASE OF LIMIT OF LIABILITY ENDORSEMENT

(After Prior Increase)

It is agreed that:

1. The limit of the companies' liability stated in Item 4 of the declarations as amended by the Increase of Limit of Liability Endorsement(s) listed below is further amended to read **\$183,480,000**; but in the event that any payments have heretofore been made by the companies for loss or expense covered by the policy, each of those limits of liability including the limit of liability as amended by this endorsement is reduced in accordance with Condition 3 of the policy by the total amount of those payments, except to the extent that any such reduced limit of liability may have been previously restored in accordance with a Restoration of Limit of Liability Endorsement.
2. The increase in the limit of liability provided by this endorsement applies only with respect to obligations assumed or expenses incurred because of bodily injury, property damage, environmental damage or evacuation of the public caused, during the period from the effective date of this endorsement to the date of termination of the policy, by the nuclear energy hazard.
3. The original limit of liability stated in Item 4 of the declarations, the limit(s) of liability stated in the Increase of Limit of Liability Endorsement(s) listed below and the amended limit of liability stated in paragraph 1 above shall not be cumulative, and each payment made by the companies after the effective date of this endorsement for any loss or expense covered by the policy shall reduce by the amount of such payment each of those limits of liability, regardless of which limit of liability applies with respect to the bodily injury, property damage, environmental damage or evacuation of the public out of which such loss or expense arises.

Previous Increase of Limit of Liability Endorsement(s)
Endorsement No.(s): 11 and 26

This is to certify that this is a true copy of the original
Endorsement having the endorsement number and being made part
of the Nuclear Energy Liability Policy (Facility Form) as des-
ignated herein. Insurance is provided hereunder.

J. S. Westwood
John L. Westwood, Senior Vice President-Underwriting
American Nuclear Insurance

Effective Date of
this Endorsement:

January 1, 1997
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0296**

Issued to: **Seabrook Joint Owners**

Date of Issue: **November 1, 1996**

For the subscribing companies

By

Robert J. Pearson
President

Endorsement No:

65

Countersigned by

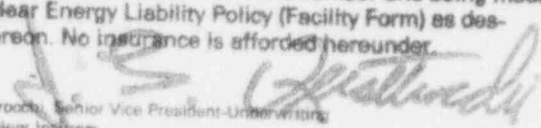
J. S. Westwood

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury, property damage, environmental damage or evacuation of the public caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$155,000,000" stated in Condition 4 of this policy is amended to read "\$183,480,000".

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated herein. No insurance is afforded hereunder.


John L. Quattrochi, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement: **January 1, 1997**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0296**

Issued to: **Seabrook Joint Owners**

Date of Issue: **November 1, 1996**

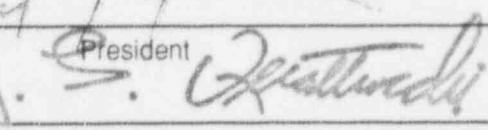
For the subscribing companies,

By


President

Endorsement No: **66**

Countersigned by



NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$472,161.00**
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$362,007.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) designated herein. No insurance is provided hereunder.

J. P. Gustafson
John L. Gustafson, Senior Vice President-Underwriting
American Nuclear Insurance

Effective Date of
this Endorsement: January 1, 1997
(12:01 A.M. Standard Time)

To form a part of Policy No. NF -0296

Issued to: Seabrook Joint Owners

Date of Issue: October 29, 1996

For the subscribing companies

By

Robert J. Gann
President

Endorsement No: 67

Countersigned by *J. P. Gustafson*

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

REDUCTION OF LIMIT OF LIABILITY ENDORSEMENT
(After Prior Increase)

It is agreed that:

1. The limit of liability stated in Item 4 of the declarations of the policy and the limits of liability stated in the Increase of Limit of Liability Endorsement(s) listed below apply only with respect to obligations assumed or expenses incurred because of bodily injury, property damage, environmental damage or evacuation of the public (a) caused, during their respective effective periods, by the nuclear energy hazard and (b) which is discovered, and for which written claim is made against the insured, not later than December 31, 2006.
2. The limit of liability stated in Item 4 of the declarations of the policy as amended by the Increase of Limit of Liability Endorsement(s) listed below is further amended to read \$16,520,000. This amended limit applies with respect to obligations assumed or expenses incurred because of bodily injury, property damage, environmental damage or evacuation of the public (a) caused, during the effective period of the policy, by the nuclear energy hazard and (b) to which the limits of liability stated in the policy do not apply under the terms of paragraph 1 above; provided, however, that if written claim is made against the insured later than December 31, 2006 for bodily injury, property damage, environmental damage or evacuation of the public caused during a period when a limit of liability lower than that stated in this paragraph 2 was in effect, then such lower limit of liability shall apply to such claim.
3. In the event that any payments have heretofore been made by the companies for loss or expense covered by the policy, each of the limits of liability including the amended limit of liability stated in paragraph 2 above is reduced in accordance with Condition 3 of the policy by the total amount of those payments, except to the extent that any such reduced limit of liability may have been previously restored in accordance with a Restoration of Limit of Liability Endorsement.
4. The original limit of liability stated in Item 4 of the declarations of the policy, the limit(s) of liability stated in the Increase of Limit of Liability Endorsement(s) listed below and the amended limit of liability stated in paragraph 2 above shall not be cumulative, and each payment made by the companies after the effective date of this endorsement for any loss or expense covered by the policy shall reduce by the amount of such payment each of those limits of liability, regardless of which limit of liability applies with respect to the bodily injury, property damage, environmental damage or evacuation of the public out of which such loss or expense arises.

Previous Increase of Limit of Liability Endorsement(s)
Endorsement No.(s) 19

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No insurance is afforded hereunder.

John L. Quattrone, Senior Vice President, Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement:

January 1, 1997
(12:01 A.M. Standard Time)

To form a part of Policy No. MF -0127

Issued to:

Seabrook Joint Owners

Date of Issue:

November 1, 1996

For the subscribing companies

By

Countersigned by

Endorsement No:

56

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury, property damage, environmental damage or evacuation of the public caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$45,000,000" stated in Condition 4 of this policy is amended to read "\$16,520,000".

This is to certify that this is a true copy of the original endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No insurance is afforded hereunder.

J. S. Guarnieri
John L. Guarnieri, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement:

January 1, 1997
(12:01 A.M. Standard Time)

To form a part of Policy No. **MF -0127**

Issued to: **Seabrook Joint Owners**

Date of Issue: **November 1, 1996**

For the subscribing companies

By

J. S. Guarnieri
Nelson D. Jones

Endorsement No:

57

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$42,512.00**
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$32,594.00**

This is to certify that this is a true copy of the original
Endorsement having the endorsement number and being made part
of the Nuclear Energy Liability Policy (Facility Form) as des-
ignated herein. No insurance is afforded the insured.

J. S. Gattardo
John L. Gattardo, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement: **January 1, 1997**
(12:01 A.M. Standard Time)

To form a part of Policy No. **MF -0127**

Issued to: **Seabrook Joint Owners**

Date of Issue: **October 29, 1996**

For the subscribing companies

By

Endorsement No: **58**

Countersigned by