



Sedgwick

Sedgwick Global Power Services

40 Broad Street, Boston, Massachusetts 02109
Telephone 617 357-6600 Facsimile 617 357-6755

July 20, 1998

Mr. Ira Denitz
Indemnity Specialist
Nuclear Regulatory Commission
Mail Stop 11D 23
Washington DC 20555

Re: TVA Nuclear Liability Endorsements

Dear Ira:

Enclosed is one certified copy of each of the policy/ certificate endorsements listed in the attached schedule, as per 10 CFR 140.15.

Sincerely,

Michael G. McGinty, ARM
Managing Director

Enc.

cc: V. Harkleroad, TVA
R. Santaniello, SGPS Atlanta

MGM/lap/tvaendt

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1/20/1

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PDR ADOCK 05000259
J PDR



Schedule 1
TVA Nuclear Liability Endorsements

<u>Policy/Certificate</u>	<u>Endorsement</u>
NF-198	151-156
MF-66	134
N-38	28-29
N-39	28-29
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NW-581	1-3
NF-247	116-120
MF-102	107
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NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

It is agreed that Items 1 and 2 of Endorsement No. 153 are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$485,709.00**
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: **\$365,280.00**

RETURN PREMIUM: \$25,059.00

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 designated herein. No insurance is afforded hereunder.

J. S. G. [Signature]
John L. Gostreich, Senior Vice President-Underwriting
American Nuclear Insurance

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0198**

Issued to: **Tennessee Valley Authority**

Date of Issue: **July 8, 1998**

For the subscribing companies

By *Perce D. [Signature]*
President

Endorsement No: **156**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

It is agreed that Items 1 and 2 of Endorsement No. 148 are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$536,259.00**
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: **\$404,735.00**

ADDITIONAL PREMIUM: \$25,481.00

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 designated hereon. No insurance is afforded hereunder.

John L. Quatrochi, Senior Vice President
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 -0198**

Issued to: **Tennessee Valley Authority**

Date of Issue: **April 24, 1998**

For the subscribing companies

By Perce D. Turner
President

Endorsement No: **155**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

CHANGES IN SUBSCRIBING COMPANIES AND IN THEIR PROPORTIONATE LIABILITY ENDORSEMENT CALENDAR YEAR 1998

1. It is agreed that with respect to bodily injury, property damage, environmental damage or evacuation of the public caused, during the effective period of this endorsement, by the nuclear energy hazard:
 - a. The word "companies" wherever used in the policy means the subscribing companies listed below
 - b. The policy shall be binding on such companies only.
 - c. Each such company shall be liable for its proportion of any obligation assumed or expense incurred under the policy because of such bodily injury, property damage, environmental damage or evacuation of the public as designated below.

2. It is agreed that the effective period of this endorsement is from the beginning of the effective date of this endorsement stated below to the close of December 31, 1998, or to the time of the termination or cancellation of the policy, if sooner.

American Home Assurance Company	00.744653 %
Cincinnati Insurance Company	01.271962 %
Continental Insurance Company	16.759550 %
Employers Mutual Casualty Company	00.220520 %
Federal Insurance Company	08.820816 %
Fireman's Fund Insurance Company	01.764163 %
General Accident Insurance Company	02.134637 %
General Insurance Company of America	01.834730 %
Great American Insurance Company	00.882082 %
Greenwich Insurance Company	03.327561 %
Hartford Fire Insurance Company	14.113306 %
Maryland Casualty Company	02.999077 %
Motors Insurance Corporation	00.441041 %
Royal Insurance Company of America	02.408083 %
St. Paul Fire & Marine Insurance Company	07.088937 %
State Farm Fire and Casualty Company	00.882082 %
Sumitomo Marine and Fire Insurance Company	00.352833 %
TIG Insurance Company	00.882082 %
Tokio Marine and Fire Insurance Company, LTD	00.529277 %
Travelers Indemnity Company of Connecticut	20.162621 %
Universal Underwriters Insurance Company	00.194058 %
U.S. Fidelity and Guaranty Company	10.584979 %
Zurich Insurance Company	01.600978 %
Total	100.000000 %

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. This insurance is effective under

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

Effective Date of
this Endorsement

January 1, 1998
12:01 A.M. Standard Time

To form a part of Policy No. **NF -0198**

Issued to **Tennessee Valley Authority**

Date of Issue

March 20, 1998

For the subscribing companies

By *Lege D. Iwan*
President

Endorsement No.

154

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$510,768.00**
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: **\$384,523.00**

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 designated hereon. No insurance is afforded hereunder.


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

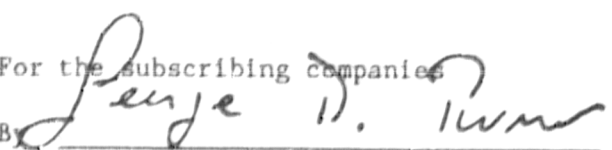
Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0198**

Issued to: **Tennessee Valley Authority**

Date of Issue: **November 24, 1997**

For the subscribing companies

By 
President

Endorsement No: **153**

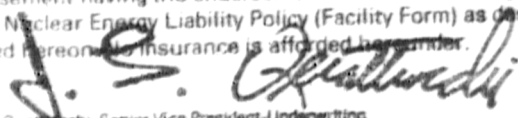
Countersigned by _____

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 "\$183,480,000" stated in Condition 4 of this policy is amended to read "\$200,000,000".

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.


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

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0198**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By 
President

Endorsement No: **152**

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 \$200,000,000; 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): 16, 21, 28, 39, 47, 106 and 146

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

Effective Date of
this Endorsement:

January 1, 1998
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0198**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By

Leza D. Purn

President

Endorsement No: **151**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS
ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

It is agreed that Items 1 and 2 of **Endorsement No. 130** are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$48,283.00**
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: **\$36,441.00**

ADDITIONAL PREMIUM: \$2,294.00

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 designated hereon. The insurance is effected thereunder.


John L. Quatromoni, 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. **MF -0066**

Issued to: **Tennessee Valley Authority**

Date of Issue: **April 24, 1998**

For the subscribing companies

By

Endorsement No: **134**

Countersigned by _____


NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$7,500.00**

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 E. QUATTROCCHI
SENIOR VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

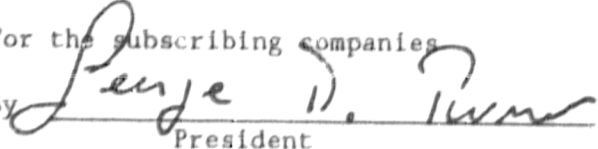
Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0038

Issued to: **Tennessee Valley Authority**

Date of Issue: **August 5, 1997**

For the subscribing companies

By 
President

Endorsement No: **29**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-0038
Forming Part of Master Policy No. 1
Nuclear Energy Liability Insurance
(Secondary Financial Protection)

It is agreed that effective January 1, 1998:

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 Policy:

Nuclear Energy Liability Insurance Association's
Policy NF-0198 \$200,000,000

(2) Master Worker Policy (Facility Worker Form):

Nuclear Energy Liability Insurance Association's
Master Worker Policy NMWP-2 \$200,000,000

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: \$79,275,000.

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 D. Quattrocchi
JOHN D. QUATTROCCHI
SENIOR VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

To form a part of Certificate No. N -0038

Effective Date of
this Endorsement:

January 1, 1998
(12:01 A.M. Standard Time)

issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By *Perce D. Rums*
President

Endorsement No: **28**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$7,500.00**

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 Diattrocchi
JOHN DIATTROCCHI
SENIOR VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0039

Issued to: **Tennessee Valley Authority**

Date of Issue: **August 5, 1997**

For the subscribing companies

By *Penje D. Turner*
President

Endorsement No: **29**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-0039
Forming Part of Master Policy No. 1
Nuclear Energy Liability Insurance
(Secondary Financial Protection)

It is agreed that effective January 1, 1998:

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 Policy:

Nuclear Energy Liability Insurance Association's
Policy NF-0198 \$200,000,000

(2) Master Worker Policy (Facility Worker Form):

Nuclear Energy Liability Insurance Association's
Master Worker Policy NMWP-2 \$200,000,000

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: \$79,275,000.

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 QUATTROCHI
SENIOR VICE PRESIDENT UNDERWRITING
AMERICAN NUCLEAR INSURERS

To form a part of Certificate No. **N-0039**

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By Perce D. Turner
President

Endorsement No: **28**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$7,500.00**

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 S. QUATTROCCHI
SENIOR VICE PRESIDENT-UNDERWRITER
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Certificate No. **N -0040**

Issued to: **Tennessee Valley Authority**

Date of Issue: **August 5, 1997**

For the subscribing companies

By *Perce D. Turner*
President

Endorsement No: **29**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-0040
Forming Part of Master Policy No. 1
Nuclear Energy Liability Insurance
(Secondary Financial Protection)

It is agreed that effective January 1, 1998:

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 Policy:

Nuclear Energy Liability Insurance Association's
Policy NF-0198 \$200,000,000

(2) Master Worker Policy (Facility Worker Form):

Nuclear Energy Liability Insurance Association's
Master Worker Policy NMWP-2 \$200,000,000

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: \$79,275,000.

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

To form a part of Certificate No. N -0040

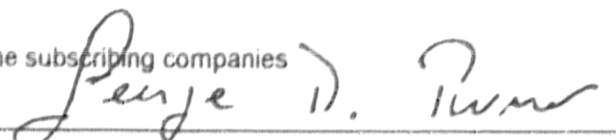
Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By



President

Endorsement No: **28**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$69,300.00**
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: **\$51,975.00**

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

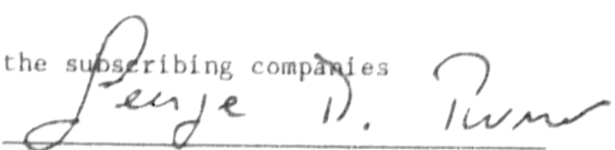
Effective Date of this Endorsement: **January 1, 1998** To form a part of Certificate No. **NW -0581**
(12:01 A.M. Standard Time)

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 4, 1997**

For the subscribing companies

By



President

Endorsement No: **3**

Countersigned by _____

**NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

AMENDATORY ENDORSEMENT

It is agreed that payments of premiums except payments of reserve premium charges made to the companies by the Named Insureds designated in the Certificate to which this endorsement is attached and refunds of premiums except refunds of reserve premium charges, made to such insureds by the companies shall be transacted through the duly appointed broker of record of the first Named Insured designated in the Certificate.

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:

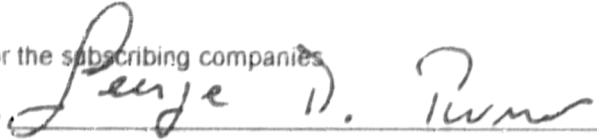
January 1, 1998
12:01 A.M. Standard Time

To form a part of Certificate No. **NW -0581**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By 
PRESIDENT

Endorsement No: **2**

Countersigned by _____

**NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

DESCRIPTION OF THE FACILITY ENDORSEMENT

It is agreed that Item 3 of the Declarations, "Description of the Facility," is as follows:

Location: All of the premises including the land and all buildings and structures of Tennessee Valley Authority's Browns Ferry Nuclear Station shown as being within the yellow outlines on a reduced copy of Tennessee Valley Authority's drawing number 67-C-10E200-01 dated October 17, 1980, a copy of which is attached hereto and made a part hereof. Browns Ferry Nuclear Power Station is located approximately ten miles southwest of Athens, Alabama and ten miles northwest of Decatur, Alabama.

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, 1998
12:01 A.M. Standard Time


To form a part of Certificate No. NW -0581

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By


PRESIDENT

Endorsement No:

1

Countersigned by _____

**NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

**NUCLEAR ENERGY LIABILITY POLICY
(Facility Worker Form)**

**herein called the
MASTER WORKER POLICY**

C E R T I F I C A T E O F I N S U R A N C E

Certificate No. NW - 0581

Date of Issue December 15, 1997

This is to certify that the insureds named in Item 1 of the Declarations hereof, hereinafter called the "Named Insureds", have obtained insurance under the Master Worker Policy issued by Nuclear Energy Liability Insurance Association on behalf of its members. The insurance is subject to all of the provisions of this "Certificate" and the Master Worker Policy.

1
DECLARATIONS

Item 1. Named Insureds and Addresses:

Tennessee Valley Authority
1101 Market Street
Mail Stop BR3H
Chattanooga, TN 37402

Item 2. Certificate Coverage Period.

Beginning at 12:01 a.m. on January 1, 1998, Eastern Standard Time and continuing through the effective date of cancellation or termination of this Certificate.

Item 3. Description of the Facility:

Location: See Endorsement No. 1

Type: Power Reactor

Operator of the Facility: Tennessee Valley Authority

Facility Form Inception Date: September 22, 1971 (12:01 A.M. Standard Time)

Item 4. Amount of Insurance Available:

The amount of insurance afforded by the Master Worker Policy through this Certificate shall be determined by Section VIII of the Master Worker Policy and all of the other provisions of the policy relating thereto.

Item 5. Advance Premium: \$ 69,300.

2

APPLICATION OF CERTIFICATE

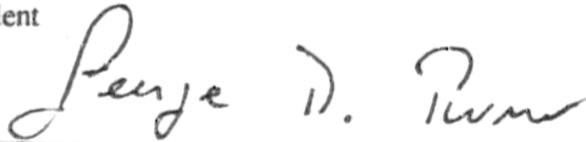
This Certificate applies only to bodily injury to a worker which (1) is caused by the nuclear energy hazard on or after the Facility Form Inception Date stated in Item 3 above, (2) is first reported to the companies on or after 12:01 a.m. on January 1, 1998, Eastern Standard Time and (3) is discovered and for which written claim is made against the insured, not later than one year after the end of the Certificate Coverage Period.

IN WITNESS WHEREOF, the companies subscribing the Master Worker Policy have caused this Certificate to be executed and attested on their behalf by the President of Nuclear Energy Liability Insurance Association and duly countersigned by an authorized representative.

For the Subscribing Companies of
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

George D. Turner, President

By _____



Countersigned by _____

(Authorized Representative)

This is to certify that this is a true copy of the original Certificate bearing the number designated hereon, for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form) herein called the Master Worker Policy. No insurance is afforded by this copy.



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

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

It is agreed that Items 1 and 2 of **Endorsement No. 113** are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$548,317.00**
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: **\$413,705.00**

ADDITIONAL PREMIUM: \$2,302.00

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 designated hereon, no insurance is afforded hereunder.

J. S. G. G. G.
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. **NF -0247**

Issued to: **Tennessee Valley Authority**

Date of Issue: **April 28, 1998**

For the subscribing companies

By *Penye D. Turner*
President

Endorsement No: **120**

Countersigned by *J. S. G. G. G.*

NUCLEAR ENERGY LIABILITY INSURANCE NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

CHANGES IN SUBSCRIBING COMPANIES AND IN THEIR PROPORTIONATE LIABILITY ENDORSEMENT CALENDAR YEAR 1998

1. It is agreed that with respect to bodily injury, property damage, environmental damage or evacuation of the public caused, during the effective period of this endorsement, by the nuclear energy hazard:
 - a. The word "companies" wherever used in the policy means the subscribing companies listed below.
 - b. The policy shall be binding on such companies only.
 - c. Each such company shall be liable for its proportion of any obligation assumed or expense incurred under the policy because of such bodily injury, property damage, environmental damage or evacuation of the public as designated below.

2. It is agreed that the effective period of this endorsement is from the beginning of the effective date of this endorsement stated below to the close of December 31, 1998, or to the time of the termination or cancellation of the policy, if sooner.

American Home Assurance Company	00.744653 %
Cincinnati Insurance Company	01.271962 %
Continental Insurance Company	16.759550 %
Employers Mutual Casualty Company	00.220520 %
Federal Insurance Company	08.820816 %
Fireman's Fund Insurance Company	01.764163 %
General Accident Insurance Company	02.134637 %
General Insurance Company of America	01.834730 %
Great American Insurance Company	00.882082 %
Greenwich Insurance Company	03.327561 %
Hartford Fire Insurance Company	14.113306 %
Maryland Casualty Company	02.999077 %
Motors Insurance Corporation	00.441041 %
Royal Insurance Company of America	02.408083 %
St. Paul Fire and Marine Insurance Company	07.088937 %
State Farm Fire and Casualty Company	00.882082 %
Sumitomo Marine and Fire Insurance Company	00.352833 %
TIG Insurance Company	00.882082 %
Tokio Marine and Fire Insurance Company, LTD	00.529249 %
Travelers Indemnity Company of Connecticut	20.162621 %
Universal Underwriters Insurance Company	00.194058 %
U.S. Fidelity and Guaranty Company	10.584979 %
Zurich Insurance Company	01.600978 %
Total	100.000000 %

NE-98

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 to insure as provided hereunder.


 J. S. Spataro, Senior Vice President - Underwriting
 American Nuclear Insurers

Effective Date of
this Endorsement

January 1, 1998
12 01 A.M. Standard Time

To form a part of Policy No. **NF -0247**

Issued to **Tennessee Valley Authority**

Date of Issue

March 20, 1998

For the subscribing companies

By 
President

Endorsement No.

119

Countersigned by



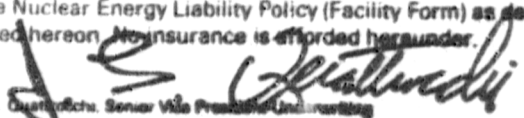
NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$527,508.00**
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: **\$397,063.00**

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 designated hereon. No insurance is afforded hereunder.


John L. Quattrocchi, Senior Vice President, Underwriting
American Nuclear Insurance

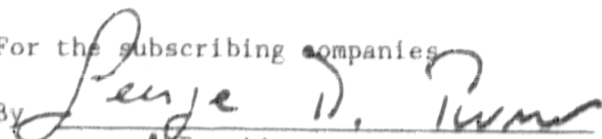
Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0247**

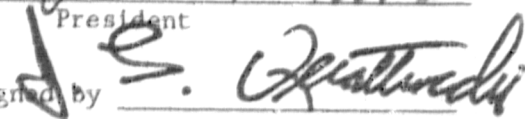
Issued to: **Tennessee Valley Authority**

Date of Issue: **November 24, 1997**

For the subscribing companies

By 
President

Endorsement No: **118**

Countersigned by 

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 "\$183,480,000" stated in Condition 4 of this policy is amended to read "\$200,000,000".

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. Quattrone

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

Effective Date of
this Endorsement: **January 1, 1998**
(12 01 A.M. Standard Time)

To form a part of Policy No. **NF -0247**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By *John D. Turner*
President

Endorsement No: **117**

Countersigned by *J. S. Quattrone*

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 \$200,000,000, 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): 14, 71 and 111

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. Insurance is afforded hereunder.

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

Effective Date of
this Endorsement:

January 1, 1998
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0247**

Issued to:

Tennessee Valley Authority

Date of Issue:

December 15, 1997

For the subscribing companies

By

Raymond D. Turner
President

Endorsement No:

116

Countersigned by

J. S. Quattrone

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS
ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

It is agreed that Items 1 and 2 of **Endorsement No. 103** are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$49,369.00**
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: **\$37,249.00**

ADDITIONAL PREMIUM: \$207.00

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 designated hereon. No insurance is afforded hereunder.

J. S. Gustardis
John L. Quinacchi, 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 -0102**

Issued to: **Tennessee Valley Authority**

Date of Issue: **April 28, 1998**

For the subscribing companies

By *J. S. Gustardis*

Endorsement No: **107**

Countersigned *Richard D. Jones*

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$7,500.00**

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, 1998**
(12:01 A.M. Standard Time)

To form a part of Certificate No. **N -0066**

Issued to: **Tennessee Valley Authority**

Date of Issue: **August 5, 1997**

For the subscribing companies

By *Perce D. Rums*
President

Endorsement No: **29**

Countersigned by *J. S. Quattrocchi*

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-0066

Forming Part of Master Policy No. 1

Nuclear Energy Liability Insurance

(Secondary Financial Protection)

It is agreed that effective January 1, 1998:

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 Policy:

Nuclear Energy Liability Insurance Association's

Policy NF-0247

\$200,000,000

(2) Master Worker Policy (Facility Worker Form):

Nuclear Energy Liability Insurance Association's

Master Worker Policy NMWP-2

\$200,000,000

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: \$79,275,000.

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

To form a part of Certificate No.

N-0066

Effective Date of
this Endorsement:

January 1, 1998
(12:01 A.M. Standard Time)

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By

Perce D. Turner
President

Endorsement No: **28**

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$7,500.00**

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.**

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

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Certificate No. **N -0075**

Issued to: **Tennessee Valley Authority**

Date of Issue: **August 5, 1997**

For the subscribing companies

By *[Signature]*
President

Endorsement No: **28**

Countersigned by *[Signature]*

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-0075
Forming Part of Master Policy No. 1
Nuclear Energy Liability Insurance
(Secondary Financial Protection)

It is agreed that effective January 1, 1998:

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 Policy:

Nuclear Energy Liability Insurance Association's
Policy NF-0247 \$200,000,000

(2) Master Worker Policy (Facility Worker Form):

Nuclear Energy Liability Insurance Association's
Master Worker Policy NMWP-2 \$200,000,000

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: \$79,275,000.

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


To form a part of Certificate No. N -0075

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By 
President

Endorsement No: **27**

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$46,200.00**

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: **\$34,650.00**

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, 1998**
(12:01 A.M. Standard Time)

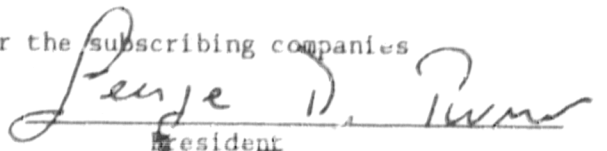
To form a part of Certificate No. **NW -0614**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 4, 1997**

For the subscribing companies

By


President

Endorsement No: **3**

Countersigned



**NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

AMENDATORY ENDORSEMENT

It is agreed that payments of premiums except payments of reserve premium charges made to the companies by the Named Insureds designated in the Certificate to which this endorsement is attached and refunds of premiums except refunds of reserve premium charges, made to such insureds by the companies shall be transacted through the duly appointed broker of record of the first Named Insured designated in the Certificate.

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

Effective Date of
this Endorsement:

January 1, 1998
12:01 A.M. Standard Time

To form a part of Certificate No. **NW -0614**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By *Kenye D. Rivers*

PRESIDENT

Endorsement No: **2**

Countersigned by *[Signature]*

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

DESCRIPTION OF THE FACILITY ENDORSEMENT

It is agreed that Item 3 of the Declarations, "Description of the Facility," is as follows:

Location: All of the premises including the land and all buildings and structures of Tennessee Valley Authority's Sequoyah Nuclear Plant and its Training Center shown as being within the yellow outline on a reduced copy of Tennessee Valley Authority's drawing number 45-C-10N200-01 dated March 25, 1987, a copy of which is attached hereto and made a part hereof. Sequoyah Nuclear Plant is located on the west shore of Chickamauga Lake approximately 9.5 miles northeast of Chattanooga, Hamilton County, Tennessee.

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:

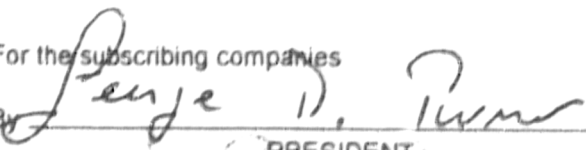
January 1, 1998
12 01 A.M. Standard Time

To form a part of Certificate No. **NW -0614**

Issued to: **Tennessee Valley Authority**

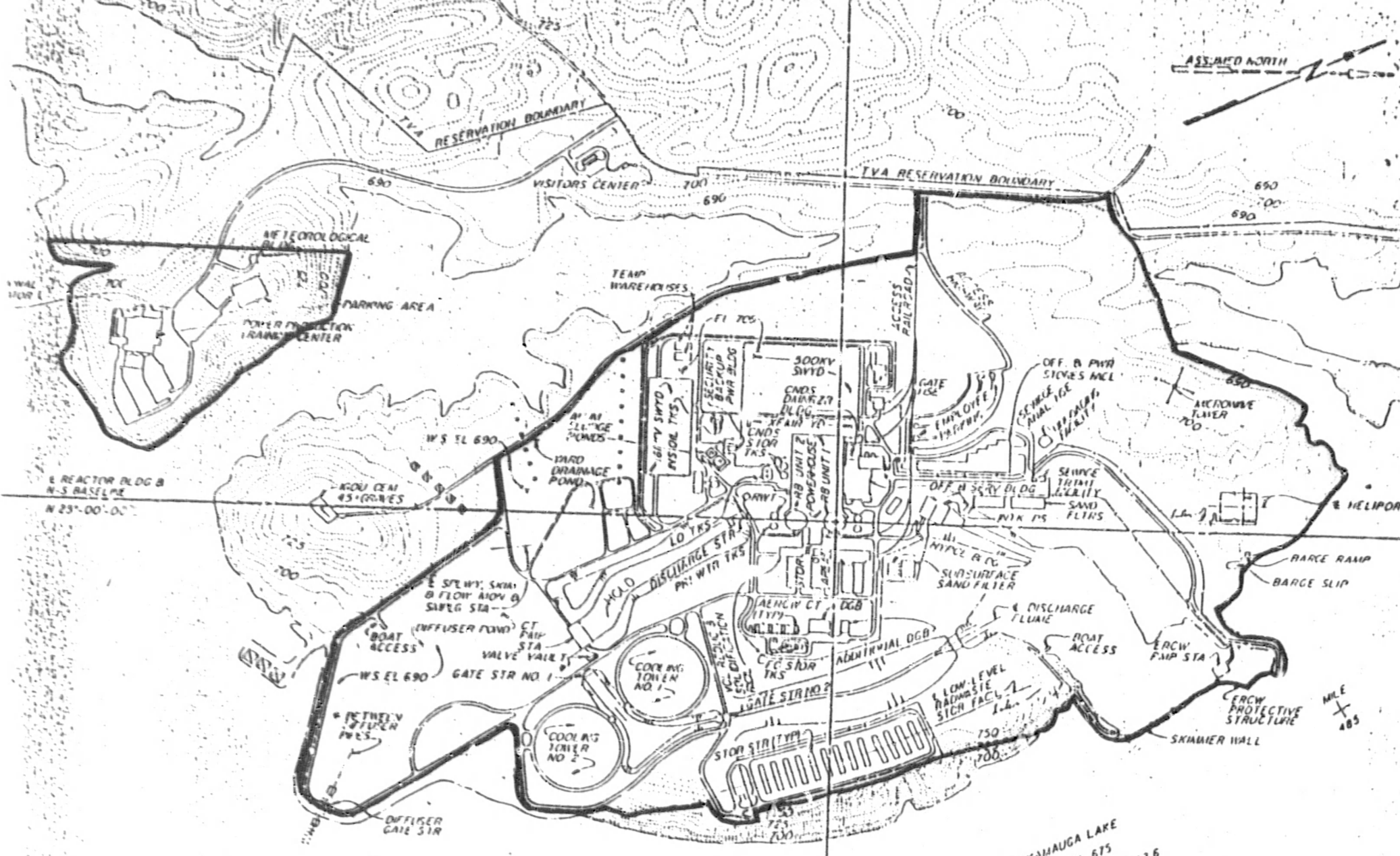
Date of Issue: **December 15, 1997**

For the subscribing companies

By 
PRESIDENT

Endorsement No: **1**

Countersigned by 



SEQUOYAH NUCLEAR PLANT
 TENNESSEE SEABOARD ATOMIC ENERGY AUTHORITY

March 25 1987

TENNESSEE RIVER-CHICKAMAUGA LAKE
 NORMAL FULL POOL FL 675
 NORMAL FULL POOL EL 683
 FLOOD EL 697
 500 YEAR FLOOD EL 688.5

SUPPLIER	RECOMMENDED	APPROVED
2772 Central	J. P. Lacy	W. H. H. H.
KNOXVILLE 11-7-88	45 C 10N200-01	R19



NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

NUCLEAR ENERGY LIABILITY POLICY
(Facility Worker Form)

herein called the
MASTER WORKER POLICY

CERTIFICATE OF INSURANCE

Certificate No. NW - 0614

Date of Issue December 15, 19 97

This is to certify that the insureds named in Item 1 of the Declarations hereof, hereinafter called the "Named Insureds", have obtained insurance under the Master Worker Policy issued by Nuclear Energy Liability Insurance Association on behalf of its members. The insurance is subject to all of the provisions of this "Certificate" and the Master Worker Policy.

I
DECLARATIONS

Item 1. Named Insureds and Addresses:

Tennessee Valley Authority
1101 Market Street
Mail Stop BR3H
Chattanooga, TN 37402

Item 2. Certificate Coverage Period:

Beginning at 12:01 a.m. on January 1, 1998, Eastern Standard Time and continuing through the effective date of cancellation or termination of this Certificate.

Item 3. Description of the Facility:

Location: See Endorsement No. 1

Type: Power Reactor

Operator of the Facility: Tennessee Valley Authority

Facility Form Inception Date: March 11, 1977 (12:01 A.M. Standard Time)

Item 4. Amount of Insurance Available:

The amount of insurance afforded by the Master Worker Policy through this Certificate shall be determined by Section VIII of the Master Worker Policy and all of the other provisions of the policy relating thereto.

Item 5. Advance Premium: \$ 46,200.

2

APPLICATION OF CERTIFICATE

This Certificate applies only to bodily injury to a worker which (1) is caused by the nuclear energy hazard on or after the Facility Form Inception Date stated in Item 3 above, (2) is first reported to the companies on or after 12:01 a.m. on January 1, 1998, Eastern Standard Time and (3) is discovered and for which written claim is made against the insured, not later than one year after the end of the Certificate Coverage Period.

IN WITNESS WHEREOF, the companies subscribing the Master Worker Policy have caused this Certificate to be executed and attested on their behalf by the President of Nuclear Energy Liability Insurance Association and duly countersigned by an authorized representative.

For the Subscribing Companies of
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

George D. Turner, President

By _____

George D. Turner

Countersigned by: _____

J. S. [Signature]

(Authorized Representative)

This is to certify that this is a true copy of the original Certificate bearing the number designated hereon, for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form) herein called the Master Worker Policy. No insurance is afforded by this copy.

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

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

It is agreed that Items 1 and 2 of Endorsement No. 76 are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$338,506.00**
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: **\$253,757.00**

ADDITIONAL PREMIUM: \$2,839.00

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 designated hereon. No insurance is afforded hereunder.

J. S. Gustardis
John L. Gustardis, 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 -0256**

Issued to: **Tennessee Valley Authority**

Date of Issue: **April 28, 1998**

For the subscribing companies

By

Raymond D. Turner
President
J. S. Gustardis

Endorsement No: **83**

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

CHANGES IN SUBSCRIBING COMPANIES AND IN THEIR PROPORTIONATE LIABILITY ENDORSEMENT CALENDAR YEAR 1998

1. It is agreed that with respect to bodily injury, property damage, environmental damage or evacuation of the public caused, during the effective period of this endorsement, by the nuclear energy hazard:
 - a. The word "companies" wherever used in the policy means the subscribing companies listed below.
 - b. The policy shall be binding on such companies only.
 - c. Each such company shall be liable for its proportion of any obligation assumed or expense incurred under the policy because of such bodily injury, property damage, environmental damage or evacuation of the public as designated below.

2. It is agreed that the effective period of this endorsement is from the beginning of the effective date of this endorsement stated below to the close of December 31, 1998, or to the time of the termination or cancellation of the policy, if sooner.

American Home Assurance Company	00.744653 %
Cincinnati Insurance Company	01.271962 %
Continental Insurance Company	16.759550 %
Employers Mutual Casualty Company	00.220520 %
Federal Insurance Company	08.820816 %
Fireman's Fund Insurance Company	01.764163 %
General Accident Insurance Company	02.134637 %
General Insurance Company of America	01.834737 %
Great American Insurance Company	00.882082 %
Greenwich Insurance Company	03.327561 %
Hartford Fire Insurance Company	14.113306 %
Maryland Casualty Company	02.999077 %
Motors Insurance Corporation	00.441041 %
Royal Insurance Company of America	02.408083 %
St. Paul Fire and Marine Insurance Company	07.088937 %
State Farm Fire and Casualty Company	00.882082 %
Sumitomo Marine and Fire Insurance Company	00.352833 %
TIG Insurance Company	00.882082 %
Tokio Marine and Fire Insurance Company, LTD	00.529249 %
Travelers Indemnity Company of Connecticut	20.162621 %
Universal Underwriters Insurance Company	00.194058 %
U.S. Fidelity and Guaranty Company	10.584979 %
Zurich Insurance Company	<u>01.600978 %</u>
Total	100.000000 %

NE-98

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. [Signature], Senior Vice President-Underwriting
 American Nuclear Insurance

Effective Date of
this Endorsement

January 1, 1998
12:01 A.M. Standard Time

To form a part of Policy No. **NF -0256**

Issued to **Tennessee Valley Authority**

Date of Issue

March 20, 1998

For the subscribing companies

By [Signature]
President

Endorsement No.

82

Countersigned by

[Signature]

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$349,818.00**
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: **\$261,886.00**

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 designated hereon. No insurance is afforded hereunder.


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

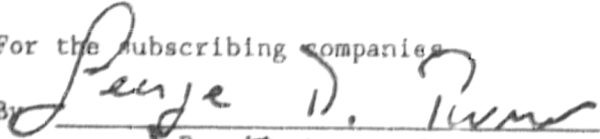
Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0256**

Issued to: **Tennessee Valley Authority**

Date of Issue: **November 24, 1997**

For the subscribing companies

By 
President

Endorsement No: **81**

Countersigned by 

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 "\$183,480,000" stated in Condition 4 of this policy is amended to read "\$200,000,000".

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. Guatrocchi

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

Effective Date of
this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0256**

Issued to: **Tennessee Valley Authority**

Date of issue: **December 15, 1997**

For the subscribing companies

By *J. D. Turner*
President

Endorsement No: **80**

Countersigned by *J. S. Guatrocchi*

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 \$200,000,000; 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): 68 and 74

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-
cribed and related hereon. The insurance is afforded hereunder.

J. S. Quatrone
J. S. Quatrone, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement:

January 1, 1998
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0256**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies

By

John D. Turner

President

Endorsement No: **79**

Countersigned by

J. S. Quatrone

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1997

It is agreed that Items 1 and 2 of Endorsement No. 17 are amended to read:

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$30,478.00**
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: **\$22,847.00**

ADDITIONAL PREMIUM: \$346.00

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 designated herein. No insurance is afforded otherwise.

J. S. Quattrone
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 -0134**

Issued to: **Tennessee Valley Authority**

Date of Issue: **April 28, 1998**

For the subscribing companies

By

Countersigned by

Endorsement No: **21**

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ANNUAL PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$7,500.00**

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

Effective Date of
this Endorsement: January 1, 1998
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0080

Issued to: Tennessee Valley Authority

Date of Issue: August 5, 1997

For the subscribing companies

By *Perce D. Rums*
President

Endorsement No: 12

Countersigned by *J. Quattrocchi*

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1998

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$26,565.00**
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: **\$19,924.00**

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. Gargocchi, Senior Vice President-Underwriting
American Nuclear Insurers

Effective Date of

this Endorsement: **January 1, 1998**
(12:01 A.M. Standard Time)

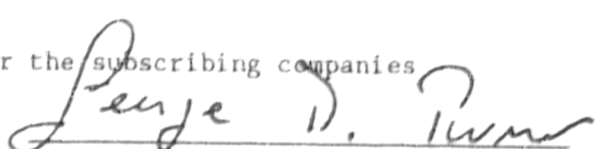
To form a part of Certificate No. **NW -0618**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 4, 1997**

For the subscribing companies

By


resident

Endorsement No: **2**

Countersigned by



**NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

AMENDATORY ENDORSFMENT

It is agreed that payments of premiums except payments of reserve premium charges made to the companies by the Named Insureds designated in the Certificate to which this endorsement is attached and refunds of premiums except refunds of reserve premium charges, made to such insureds by the companies shall be transacted through the duly appointed broker of record of the first Named Insured designated in the Certificate.

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

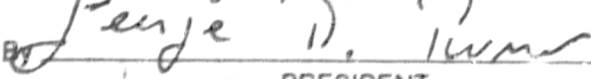
Effective Date of
this Endorsement: **January 1, 1998**
12.01 A.M. Standard Time

To form a part of Certificate No. **NW -0618**

Issued to: **Tennessee Valley Authority**

Date of Issue: **December 15, 1997**

For the subscribing companies



PRESIDENT

Endorsement No: **1**

Countersigned by  _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

NUCLEAR ENERGY LIABILITY POLICY
(Facility Worker Form)

herein called the
MASTER WORKER POLICY

CERTIFICATE OF INSURANCE

Certificate No. NW - 0618

Date of Issue December 15, 19 97

This is to certify that the insureds named in Item 1 of the Declaration, of, hereinafter called the "Named Insureds", have obtained insurance under the Master Worker Policy issued by Nuclear Energy Liability Insurance Association on behalf of its members. The insurance is subject to all of the provisions of this "Certificate" and the Master Worker Policy.

1
DECLARATIONS

Item 1. Named Insureds and Addresses:

Tennessee Valley Authority
1101 Market Street
Mail Stop BR3H
Chattanooga, TN 37402

Item 2 Certificate Coverage Period:

Beginning at 12:01 a.m. on January 1, 1998, Eastern Standard Time and continuing through the effective date of cancellation or termination of this Certificate.

Item 3. Description of the Facility:

Location: All of the premises including the land and all buildings and structures of Tennessee Valley Authority's Watts Bar Nuclear Plant located on a tract of approximately 1700 acres in Rhea County, Tennessee. The plant site is approximately 50 miles northeast of Chattanooga on the west bank of the Tennessee River at river mile 528. Also located on the 1700 acre reservation are the Watts Bar Dam and Hydro-electric Plant, the Watts Bar Steam Plant, and the TVA Central Maintenance Facility.

Type: Power Reactor (Fuel Storage)

Operator of the Facility: Tennessee Valley Authority

Facility Form Inception Date: September 4, 1979 (12:01 A.M. Standard Time)

Item 4. Amount of Insurance Available:

The amount of insurance afforded by the Master Worker Policy through this Certificate shall be determined by Section VIII of the Master Worker Policy and all of the other provisions of the policy relating thereto.

Item 5. Advance Premium: \$ 23,100.

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APPLICATION OF CERTIFICATE

This Certificate applies only to bodily injury to a worker which (1) is caused by the nuclear energy hazard on or after the Facility Form Inception Date stated in Item 3 above, (2) is first reported to the companies on or after 12:01 a.m. on January 1, 1998, Eastern Standard Time and (3) is discovered and for which written claim is made against the insured, not later than one year after the end of the Certificate Coverage Period.

IN WITNESS WHEREOF, the companies subscribing the Master Worker Policy have caused this Certificate to be executed and attested on their behalf by the President of Nuclear Energy Liability Insurance Association and duly countersigned by an authorized representative.

For the Subscribing Companies of
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

George D. Turner, President

By George D. Turner

Countersigned by: J. E. Gattrocchi

(Authorized Representative)

This is to certify that this is a true copy of the original Certificate bearing the number designated hereon, for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form) herein called the Master Worker Policy. No insurance is afforded by this copy.

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