

M & M Nuclear Consultants 2121 San Jacinto Street 1300 San Jacinto Tower Dallas, Texas 75201 Telephone 214 979-9900

January 11, 1989

Mr. Ira Dinitz Senior Insurance Indemnity Analyst Office of Nuclear Reactor Regulation Mail Stop 12E4 U.S. Nuclear Regulatory Commission Washington, D.C. 20555

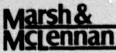
RE: Tennessee Valley Authority Nuclear Liability Insurance

Dear Mr. Dinitz:

Enclosed are two certified copies of the following endorsements.

Policy/Certificate End. # NF-198/MF-66 103/89 NF-198/MF-66 104/90 N-38/M-38 10/10 N-39/M-39 10/10 N-40/M-40 10/10 NW-105/MW-105 5/5 NF-247/MF-102 68/60 MF-247/MF-102 69/61 N-66/M-66 10 '10 N-75/M-75 9/9 NW-145/MW/72 5/5 NF-256 44 NF-256 45 NW-152/MW-184 5/5 NF-258 34 NF-258 35 NW-154/MW-185 5/5

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M & M Nuclear Consultants

Mr. Ira Dinitz January 11, 1989 Page 2

Please do not hesitate to call with any questions.

238

Regards, ul 2

John L. Samuels Nuclear Consultant

JLS/SS

Enclosures

cc: D. Marks - TVA J. Collins - M&M Atlanta

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury or property damage caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$124,000,000" stated in Condition 4 of this policy is amended to read "\$155,000,000."

This is to certify that this is a true cony of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (facility Form) as dessenated bereon. No Insurance is afforded hereunder.

John L Contiros

Muclear Insurers American

Effective Date of this Endorsement August 31, 1988 To form a part of Policy No_NF-198 12:01 A.M. Standard Time Issued to ______Tennessee Valley Authority Date of Issue ______December 15, 1988 For the Subscribing companies By _______General Manager Endorsement No_____104 Countersigned by

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury or property damage caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$36,000,000" stated in Condition 4 of this policy is amended to read "\$45,000,000."

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 Pacility Form) as des-3. Juita Hereunder. J

John L. Quatrocchi, Vice President-Underwriting Actestican Nuclear Insurers

Effective Date of this Endorsement Issued toTenne	August 31, 1988 12:01 A.M. Standard ssee Valley Arthority	To form a part of Policy No MF-66
Date of Issue	December 15, 1988	For the Subscribing Companies MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS By
Endorsement No	90	Countersigned by

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 5,813.00 .

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 OFFORGED BY THIS COPY.

JOHN L. QUATE OCCHES. CHE

Effective Date of this Endorsement January 1, 1989 To form a part of Certificate No. N-38 12:01 A.M. Standard Time

Issued to Tennessee Valley Authority

Date of Issue December 15, 1988

For t	he Subscribing Com	npanies
	// /)
By	1. vie - W	· m
-	PRESID	ENT

Endorsement No. 10

Countersigned by

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ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 1,683.00 .

> THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MOMBER DESIGNATED FIEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL FOTECTION) NO INSURANCE IS AFFORDED BY THIS COMPANY JOHN L. QUATODOCHI VICE PRESIDENT LINDERWRITING

VICE PRESIDENT-UNDERWRITING AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 19 12:01 A.M. Stan	
Issued to Tennessee Valley Aut	hority
Date of Issue December 15, 1988	For the Subscribing Companies
	By
Endorsement No. 10	Countersigned by

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 5,813.00 .

> 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 POTECTION). NO INSURANCE IS AFFORDED BY THIS CO

JOHN L. QUAT RECENT

AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1989 To form a part of Certificate No. N-39 12:01 A.M. Standard Time Issued to Tennessee Valley Authority Date of Issue December 15, 1988 For the Subscribing Companies By 00 PRESIDENT

Erdorsement No.____10

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Courtersigned by

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 1,688.00 .

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 AFEORDED BY THIS STAPY

JOHN L. QUATROCCHI VICE PRESIDENT-UNDERWEITING AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1989 To form a part of Certificate No. M-39 12:01 A.M. Standard Time

Issued to Tennessee Valley Authority

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS By

Endorsement No. 10

Countersigned by

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ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 5,813.00.

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. QUAT REPORTS. Quatra S. VICE PRESIDENT NOERWRETING AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1989 12:01 A.M. Standa	
Issued to Tennessee Valley Aut	hority
Date of Issue December 15, 1988	For the Subscribing Companies
	ByPRESIDENT
Endorsement No 10	Countersigned by

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 1,688.00 .

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 POLLY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PADTECTION). NO INSURANCE IS AFFORDED BY THIS CONTACTION

JOHN L. QUATTROCCHI VICE PRESIDENT-UNDERWRITING AMERICAN NUCLEAR INSURERS

Effective Date of

this Endorsement January 1, 1989 To form a part of Certificate No. M-40 12:01 A.M. Standard Time

Issued to ______ Tennessee Valley Authority

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS S. Court Bv

Endorsement No. 10

Countersigned by

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

 <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 53,708.00

 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 Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

\$ 42,966.00 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 Porcy (Facility Workers Form). No Insurance is attorded hereon for insurance is attorded hereon for

John L. Quattroccal Vice President-Underwraing American Nuclear Insurers

Effective Date o this Endorsement	January 1 1000	To form a part of Certificate No. <u>NW-105</u>
Issued to	essee Valley Authority	
Date of Issue	December 15, 1988	For the Subscribing Companies
		By Michon
		PRESIDENT
Endorsement No.	5	Countersigned by
NE-W-2		

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 15,592.00

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 Retrospective Rating Plan. the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

12,474.00 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 Poycy (Facility Workers Form). No insurance is afforded here John L. Quattrock Vice Preside

American Nuclear Insurers

Effective Date of January 1, 1989 To form a part of Certificate No. MW-39 this Endorsement _ 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

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Date of Issue ____ December 15, 1988

For the Subscribin, Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDER RITERS

8. Junto

Endorsement No.

Countersigned by

ME-W-2

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT.

CALENDAR YEAR 1989

 <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 687,911.00

 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:

\$ 520.488.00

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 designable hereon. No Insurance is all the hereunder.

Effective Date of January 1, 1989 To form a part of Policy No. NF-247 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

Date of Iscue ____ December 15, 1988

For the Subscribing Companies

Representative

Countersigned by

Endorsement No. 68

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

 <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 199,716.00

 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:

\$ 151,109.00

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 desoperant hereon. No Insurance is afforded hereunder.

ar Lisurers

Effective Date of January 1, 1989 To form a pair of Policy No. MF-102 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

60

Date of Issue ____ December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

Countersigned by

Authorized Representative

Endorsement No.

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury or property damage caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$124,000,000" stated in Condition 4 of this policy is amended to read "\$155,000,000."

> 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 Porty (Facility Form) as desof the Nuclear Energy Liabilit Karded hereunder.

Quela

Custrocchi, Vice President-Underwriting American Nuclear Insurers

Effective Date of this Endorsement August 31, 1988 To form a part of Policy No NF-247 12:01 A.M. Standard Time Issued to ______ Tennessee Valley Authority Date of Issue December 15, 1988 For the subscribing companies

Bv General Mana Countersigned by

Endorsement No 69

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury or property damage caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$36,000,000" stated in Condition 4 of this policy is amended to read "\$45,000,000."

This is to certify that this is a true copy of the original Endorseman having the endorsement number and being made part of the Nuclear Energy Liability Police (Facility Form) as destended hereon. No Insurance is alreaded hereunder.

8.9 ittrocchi, Vice President-Underwriting Nuclear Insurers

Effective Date of To form a part this Endorsement August 31, 1928 of Policy No MF-102 12:01 A.M. Standard Time Issued to Tennessee Valley Authority Date of Issue December 15, 1988 For the Subscribing Companies MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS Bv Endorsement No 61 Countersigned by

Authorized Representative

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 5,813.00.

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 HIS TOTAL JOHN L. ONTROCCHI

VICE PRESIDENT-UNDERWRITING AMERICAN NUCLEAR INSURERS

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ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 1,688.00 .

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MOMBER DESIGNATED HERZON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROJECTION). NO INSURANCE IS AFFORDED BY THIS OPPORTUNATED HERZON, FOR JOHN L. QUATTRONIHI

VICE PRESIDENT-UNDERWAITING AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1989 To form a part of Certificate No. M-66 12:01 A.M. Standard Time

Issued to Tennessee Valley Authority

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS 0 Bv Countersigned by

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Endorsement No. 10

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 5,813.00 .

> THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR CENTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THS SOUTHAND AND JOHN L. QUAN OCCHI VICE PRESIDENT-UNDERWRITING AMERICAN NUCLEAR INSURERS.

AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1989 12:01 A.M. Standard Tim	To form a part of Certificate NoN-75 ne
Issued to Tennessee Valley Authority	
Date of Issue December 15, 1988	For the Subscribing Companies
	By PRESIDENT
Endorsement No. 9	Countersigned by J.S. Quitter

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

ANNUAL PREMIUM: It is agreed that the Annual Premium due the companies for the period designated above is: \$ 1,688.00 .

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-MUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROFECTION). NO INSURANCE IS APPORDED BY THIS OF

JOHN L. QUATTROCHI VICE PRESIDENT-UNDERWRITING AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement <u>January 1, 1989</u> To form a part of Certificate No. <u>M-75</u> 12:01 A.M. Standard Time

Issued to Tennessee Valley Authority

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS 0 Countersigned by

Endorsement No. 9

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 35,805.00

STANDARD PREMIUM AND RESERVE PREMIUM: In the absence of a 2. change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Retrospective Rating Plan. the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

This is to certify that this is a true copy of the original Endorsement 28,644.00 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 bereunder. occhi, Vice President-Underwriting John L. C

American Noclear Insurers

Effective Date of this Endorsement	January 1, 1989	To form a part of Certificate No NW-145
	12:01 A.M. Standard Time	9
Issued to	essee Valley Authority	
Date of Issue	December 15, 1988	For the Subscribing Companies
		By Michon PRESIDENT
Endersement No.	5	Countersigned by A: 8. 2

NE-W-2

Countersigned by

5. Sera A

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

 <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 10,395.00

2. <u>STANDARD PREMIUM AND RESERVE PREMIUM</u>: In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

\$ 8,316.00 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. Quatroo American Nucle Insurers

Effective Date of January 1, 1989 To form a part of Certificate No. MW-72 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

Date of Issue December 15, 1988

Endorsement No. 5

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

Countersigned by

ME-W-2

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

 <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 6,594.00

 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:

\$ 4,418.00

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 increase of any field hereunder.

John Justrocchi, Vice President Underwriting Acertican Nuclear Insurers

Effective Date of this Endorsement	January 1, 1989 12:01 A.M. Standard Time	To form a part of Policy No. NF-256
Issued to Ten	nessee Valley Authority	
Date of Issue	December 15, 1988	
		For the Subscribing Companies
		By Michon Annagor
Endorsement No		rsigned by J. S. Survey

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury or property damage caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$124,000,000" stated in Condition 4 of this policy is amended to read "\$155,000,000."

> 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 Lizbility Policy (Facility Form) as desded hereunder.

L.S. Quitat Justimochi, Vice President-Underwriting

John I American Nuclear Insurars

Effective Date of this Endorsement August 31, 1988 12:01 A.M. Standard Ti	To form a part of Policy NoNF-256
Issued to Tennessee Valley Authority	
Date of Issue December 15, 1988	By General Manager
Endorsement No 45	Countersigned by J.S. Quetter

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

1. <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 3,565.00

 <u>STANDARD PREMIUM AND RESERVE PREMIUM</u>: In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

This is to certify that this is a true copy of the original Endorsement
2,852.00
2,852.00
a true copy of the original Endorsement number and being made part of the Certificate of Incurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability Folicy (Facility Workers Form). No Insurance is afforded hereurger.

John L. Quattrooti, Vice President-Underwi American Nuclear Insurers

Effective Date of January 1, 1989 To form a part of Certificate No. <u>NW-152</u> 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

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Date of Issue

December 15, 1988

For the Subscribing Companies

PRESIDENT 8. Justa

Endorsement No.

Countersigned by

NE-W-2

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

1. <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

2. <u>STANDARD PREMIUM AND RESERVE PREMIUM</u>: In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

\$ 828.00 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 hareon for insurance coverage under the Nuclear Energy Liability Folicy (Facility Workers Form). No Insurance is efforded herewitter. John L. Guattroomi, Vice President-Underwriting

American Nuclear Insurers

Effective Date of this Endorsement .	January 1, 1989	To form a part of Certificate No. MW-184
	12:01 A.M. Standard Ti	me
Issued to Tenne	ssee Valley Authority	
Date of Issue	December 15, 1988	
		For the Subscribing Companies
		MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS
		By A: 8. September
Endorsement No	5	Countersigned by
ME-W-2		

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

1. <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 6,594.00

 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;

\$ 4,418.00

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 Police (Facility Form) as designated herein. No line structs effects hereunder.

down Duattrocchi, Vice President-Underwriting

American Nuclear Insurers

Effective Date of January 1, 1989 To form a part of Policy No. NF-258 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

Date of Issue _____ Decen

December 15, 1988

For the Subscribing Companies

General Manager

Countersigned by _

BU

Authorized Representative

Endorsement No. 34

AMENDMENT OF CONDITION 4

It is agreed that with respect to bodily injury or property damage caused after the effective date of this endorsement by the nuclear energy hazard, the figure "\$124,000,000" stated in Condition 4 of this policy is amended to read "\$155,000,000."

> 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 des-ignated hereon. No Insurance is alforded hereunder.

John L. Gattrocchi, Vice American Huclear Insurers

Effective Date of this Endorsement August 31, 1988 To form a part of Policy No NF-258 12:01 A.M. Standard Time Issued to _____ Tennessee Valley Authority Date of Issue December 15, 1988 For the subscribing companies Bv General Manager Endorsement No

35

Countersigned by____

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

1. <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 3,565.00

 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 Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

\$ 2,852.00 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. Quathorchi, Vice Pre American Nuclear Insurers

Effective Date of January 1, 1989 To form a part of Cer ificate No. NW-154 12:01 A.M. Standard Time

Issued to _____ Tennessee Valley Authority

5

Date of Issue December 15, 1988

For the Subscribing Companies

Endorsement No.

Countersigned by

NE-W-2

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENUAR YEAR 1989

1. <u>ADVANCE PREMIUM</u>: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 1,035.00

 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 Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is:

\$ 828.00 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 bereunder.

John L. Quattroom, Vice American Nuclear Insurers