Marsh & McLennan

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1221 Avenue of the Americas
New York, New York 10020-1070
Telephone 212 997-2000

March 16, 1987

Mr. Ira Dinitz
State and Licensee Relations
Office of State Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Tennessee Valley Authority
Certified Endorsement Copies

Dear Ira,

Enclosed are certified copies of recently-issued endorsements for TVA's Browns Ferry, Sequoyah and Watts Bar Facility Form policies.

Regards,

John Hoffman

JH:ef
enc.

cc: D. Marks, TVA

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PDR ADOCK 05000259
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Nuclear Energy Liability Insurance

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDATORY ENDORSEMENT

1. The definition of "nuclear energy hazard", in addition to the meaning stated in the policy, shall also mean radiation arising out of the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

2. The definition of "nuclear material", in addition to the meaning stated in the policy, shall include material made radioactive by the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

3. The liability for which coverage is afforded under paragraphs 1 and 2 above must arise out of the use of the linear accelerator described in the Schedule below during the calendar year in which this endorsement became effective. Insurance for liability arising out of use of such linear accelerator during any subsequent calendar year that this policy is in existence shall be afforded under this policy only if an endorsement covering liability arising out of the use of such accelerator during such subsequent year is attached to this policy.

SCHEDULE

1 Minac - An x-radiation producing portable linear accelerator used for high energy radiography in the 3.0-4.0 Mev range; operated by or under the direct supervision of J. A. Jones Applied Research Co. or Schonberg Radiation Corp. personnel under contract with Tennessee Valley Authority or operated by employees of the Tennessee Valley Authority who have been trained to operate such accelerator by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. and have been certified by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. as having been trained to do so.

This is to certify that this is a true and correct 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 [illegible], Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 12:01 A.M. Standard Time To form a part of Policy No NF-256

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing companies

By _____
General Manager

Endorsement No 37

Countersigned by _____

Nuclear Energy Liability Insurance

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1987

It is agreed that Items 1 and 2 of Endorsement No. 35 are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: $ 6,965.84.

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: $ 4,667.12.

Additional Premium: $ 625.00.

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 J. Quattrocchi, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 12:01 A.M. Standard Time To form a part of Policy No NF-256

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the subscribing companies

By _____
General Manager

Endorsement No 38

Countersigned by _____

NE-36

Nuclear Energy Liability Insurance

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDATORY ENDORSEMENT

1. The definition of "nuclear energy hazard", in addition to the meaning stated in the policy, shall also mean radiation arising out of the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

2. The definition of "nuclear material", in addition to the meaning stated in the policy, shall include material made radioactive by the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

3. The liability for which coverage is afforded under paragraphs 1 and 2 above must arise out of the use of the linear accelerator described in the Schedule below during the calendar year in which this endorsement became effective. Insurance for liability arising out of use of such linear accelerator during any subsequent calendar year that this policy is in existence shall be afforded under this policy only if an endorsement covering liability arising out of the use of such accelerator during such subsequent year is attached to this policy.

SCHEDULE

1 Minac - An x-radiation producing portable linear accelerator used for high energy radiography in the 3.0-4.0 Mev range; operated by or under the direct supervision of J. A. Jones Applied Research Co. or Schonberg Radiation Corp. personnel under contract with Tennessee Valley Authority or operated by employees of the Tennessee Valley Authority who have been trained to operate such accelerator by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. and have been certified by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. as having obtained to do so.

This is to certify that this is a true copy of the attached 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, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 12:01 A.M. Standard Time To form a part of Policy No NF-247

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing companies

By _____
General Manager

Endorsement No 57

Countersigned by _____

Nuclear Energy Liability Insurance

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1987

It is agreed that Items 1 and 2 of Endorsement No. 55 are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: $ 642,357.08.

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: $ 485,866.38.

Additional Premium: $ 484.38.

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, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 12:01 A.M. Standard Time To form a part of Policy No NF-247

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the subscribing companies

By _____
General Manager

Endorsement No 58

Countersigned by _____

NE-36

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDATORY ENDORSEMENT

1. The definition of "nuclear energy hazard", in addition to the meaning stated in the policy, shall also mean radiation arising out of the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

2. The definition of "nuclear material", in addition to the meaning stated in the policy, shall include material made radioactive by the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

3. The liability for which coverage is afforded under paragraphs 1 and 2 above must arise out of the use of the linear accelerator described in the Schedule below during the calendar year in which this endorsement became effective. Insurance for liability arising out of use of such linear accelerator during any subsequent calendar year that this policy is in existence shall be afforded under this policy only if an endorsement covering liability arising out of the use of such accelerator during such subsequent year is attached to this policy.

SCHEDULE

1 Minac - An x-radiation producing portable linear accelerator used for high energy radiography in the 3.0-4.0 Mev range; operated by or under the direct supervision of J. A. Jones Applied Research Co. or Schonberg Radiation Corp. personnel under contract with Tennessee Valley Authority or operated by employees of the Tennessee Valley Authority who have been trained to operate such accelerator by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. and have been certified by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. as having been trained to do so.

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. Qualtrocchi, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 To form a part of Policy No. MF-102

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By

Endorsement No. 49

Countersigned by

Authorized Representative

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1987

It is agreed that Items 1 and 2 of Endorsement No. 48 are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: $ 186,490.76 .

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: $ 141,057.98 .

Additional Premium: $ 140.62 .

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, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 To form a part of Policy No. MF-102

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By _____

Countersigned by _____
Authorized Representative

Endorsement No. 50

ME-36

Nuclear Energy Liability Insurance

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDATORY ENDORSEMENT

1. The definition of "nuclear energy hazard", in addition to the meaning stated in the policy, shall also mean radiation arising out of the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

2. The definition of "nuclear material", in addition to the meaning stated in the policy, shall include material made radioactive by the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

3. The liability for which coverage is afforded under paragraphs 1 and 2 above must arise out of the use of the linear accelerator described in the Schedule below during the calendar year in which this endorsement became effective. Insurance for liability arising out of use of such linear accelerator during any subsequent calendar year that this policy is in existence shall be afforded under this policy only if an endorsement covering liability arising out of the use of such accelerator during such subsequent year is attached to this policy.

SCHEDULE

1 Minac - An x-radiation producing portable linear accelerator used for high energy radiography in the 3.0-4.0 Mev range; operated by or under the direct supervision of J. A. Jones Applied Research Co. or Schonberg Radiation Corp. personnel under contract with Tennessee Valley Authority or operated by employees of the Tennessee Valley Authority who have been trained to operate such accelerator by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. and have been certified by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. as having been trained to do so.

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. Gattuccio, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 12:01 A.M. Standard Time To form a part of Policy No NF-198

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing companies

By _____
General Manager

Endorsement No 94

Countersigned by _____

Nuclear Energy Liability Insurance

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1987

It is agreed that Items 1 and 2 of Endorsement No. 92 are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: $ 863,773.23 .

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: $ 654,142.66 .

Additional Premium: $ 484.38 .

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, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 12:01 A.M. Standard Time To form a part of Policy No NF-198

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the subscribing companies

By _____
General Manager

Endorsement No 95

Countersigned by _____

NE-36

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDATORY ENDORSEMENT

1. The definition of "nuclear energy hazard", in addition to the meaning stated in the policy, shall also mean radiation arising out of the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

2. The definition of "nuclear material", in addition to the meaning stated in the policy, shall include material made radioactive by the use of the linear accelerator described in the Schedule below while such accelerator is at the facility described in Item 3 of the Declarations.

3. The liability for which coverage is afforded under paragraphs 1 and 2 above must arise out of the use of the linear accelerator described in the Schedule below during the calendar year in which this endorsement became effective. Insurance for liability arising out of use of such linear accelerator during any subsequent calendar year that this policy is in existence shall be afforded under this policy only if an endorsement covering liability arising out of the use of such accelerator during such subsequent year is attached to this policy.

SCHEDULE

1 Minac - An x-radiation producing portable linear accelerator used for high energy radiography in the 3.0-4.0 Mev range; operated by or under the direct supervision of J. A. Jones Applied Research Co. or Schonberg Radiation Corp. personnel under contract with Tennessee Valley Authority or operated by employees of the Tennessee Valley Authority who have been trained to operate such accelerator by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. and have been certified by J. A. Jones Applied Research Co. or Schonberg Radiation Corp. as having been trained to do so.

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. [illegible] Vice President Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 To form a part of Policy No. MF-66

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By _____

Endorsement No. 80

Countersigned by _____
Authorized Representative

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1987

It is agreed that Items 1 and 2 of Endorsement No. 79 are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: $ 250,772.87 .

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: $ 189,912.38 .

Additional Premium: $ 140.62 .

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, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1987 To form a part of Policy No. MF-66

Issued to Tennessee Valley Authority

Date of Issue March 5, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By _____

Countersigned by _____
Authorized Representative

Endorsement No. 81

ME-36