

M & M Nuclear Consultants

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

May 21, 1986

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

Re: Nuclear Liability Coverage

Certified Copies of Policy Endorsements

Dear Ira:

On behalf of the following utilities, please find enclosed two certified copies of the following facility form policy endorsements:

| Company | Policy | Endorsement No. |
|---------------|--------|-----------------|
| TVA | MF-66 | 74 |
| | NF-198 | 87 |
| | MF-102 | 46 |
| | NF-247 | 53 |
| | MF-102 | 45 |
| | NF-247 | 52 |
| | NF-198 | 89 |
| | NF-198 | 90 |
| | MF-66 | 76 |
| | MF-66 | 77 |
| | NF-256 | 33 |
| Georgia Power | MF-78 | 83 |
| | NF-215 | 100 |

Sincerely,

Steven D. Hogge Nuclear Consultant

SDH:ef enc.



AMENDMENT OF THE DESCRIPTION OF THE FACILITY

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

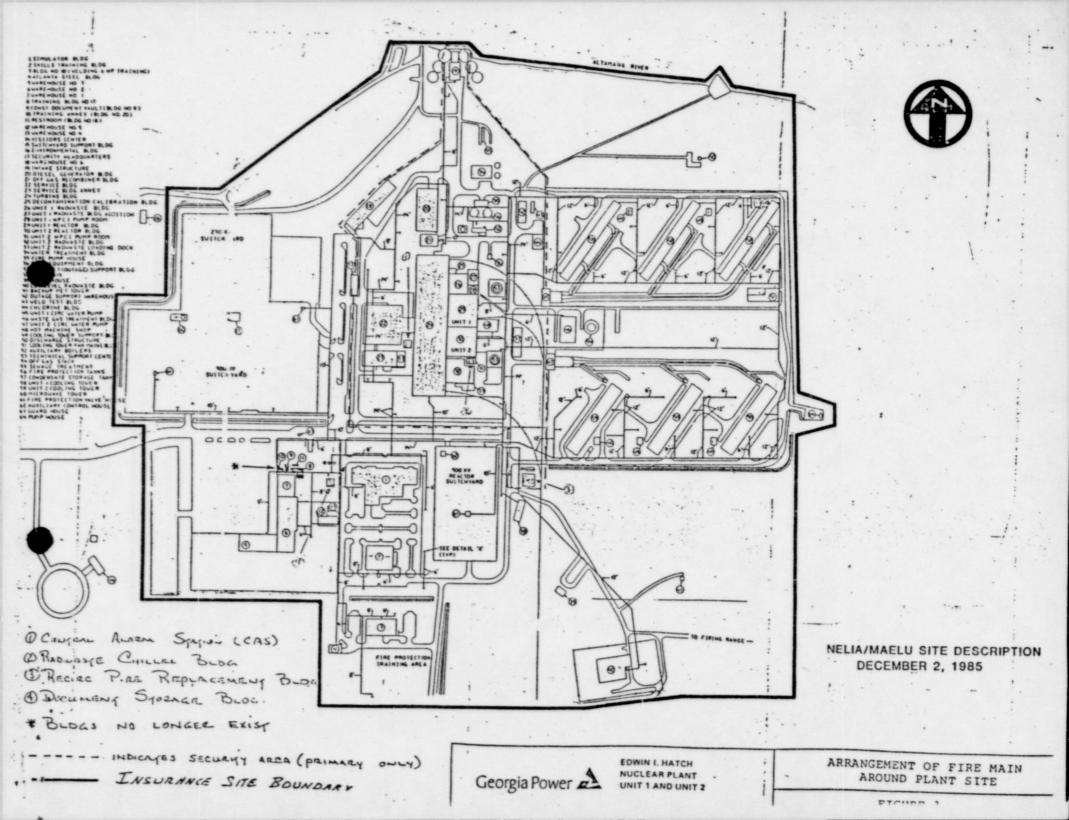
All of the premises including the land, all the buildings and all structures within the boundaries as shown on the attached diagram designated as the NELIA/MAELU Site Description and dated December 2, 1985 including all related and operational equipment owned, leased or rented to Georgia Power Company and/or Edwin I. Hatch Nuclear Plant including but not limited to Units 1 and 2. The Edwin I. Hatch Nuclear Plant is located on a site consisting of approximately 188 acres on the South side of the Altamaha River in Appling County approximately eleven (11) miles north of Baxely and seventyfive (75) miles west of Savannah, Georgia.: (diagram enclosed)

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. 8. Quittel

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

| Effective D | | Januar | y 1, 1986 | | To form a part of Policy | NP-215 |
|-------------|------------------|-------------|----------------|--------|--------------------------|-----------------|
| | | Power Compa | | Power | Corporation, Municipa | |
| | Authoritue May 1 | | ia and City of | Dalton | For the superihing co | rypanies |
| | | | | | 61. | 0 |
| | | | | | By WC | hom |
| | | | | | ٧. | General Manager |
| Endorseme | nt No | 100 | | Co | ountersigned by | |



MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDMENT OF THE DESCRIPTION OF THE FACILITY

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

All of the premises including the land, all the buildings and all structures within the boundaries as shown on the attached diagram designated as the NELIA/MAELU Site Description and dated December 2, 1985 including all related and operational equipment owned, leased or rented to Georgia Power Company and/or Edwin I. Hatch Nuclear Plant including but not limited to Units 1 and 2. The Edwin I. Hatch Nuclear Plant is located on a site consisting of approximately 188 acres on the South side of the Altamaha River in Appling County approximately eleven (11) miles north of Baxely and seventyfive (75) miles west of Savannah, Georgia.: (diagram enclosed)

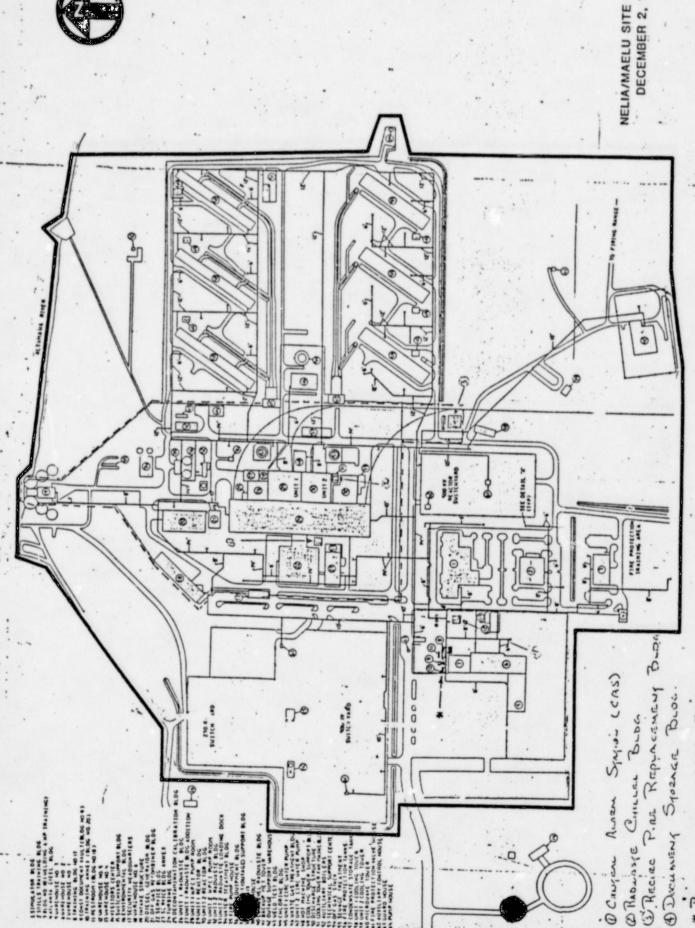
This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No Insurance is afforded hereunder.

J. S. Quetter

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

| Effective Date of this Endorsement | January 1, 1986 | To form a part of Policy No | MF-78 | |
|-------------------------------------|--|------------------------------------|----------------|-----------|
| Issue to Georgia Pow Authority o | er Company, Oglethorpe of Georgia and City of D | Power Corporation, Malton, Georgia | Municipal Elec | tric |
| Date of Issue May | 13, 1986 | <u></u> | | |
| | For the Se | ubscribing Companies | | |
| | By - | ATOMIC ENERGY LI | Medility UND | ERWRITERS |
| Endorsement No | 83 Countersig | ened by | | |

AUTHORIZED REPRESENTATIVE



NELIA/MAELU SITE DESCRIPTION DECEMBER 2, 1985

> NO LONGER EXIST * Bucks

INDICATES SECURYY AREA (PRIMARY ONLY)

INSURANCE SITE BOUNDARY

Georgia Power

UNIT 1 AND UNIT 2 NUCLEAR PLANT EDWIN I. HATCH

ARRANGEMENT OF FIRE MAIN AROUND PLANT SITE

AMENDATORY ENDORSEMENT

- 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 suprevision of J. A. Jones Applied Research Co. 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. and have been certified by J. A. Jones Applied Research Co. 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.

| In Sendorsement January 1, 1986 12:01 A.M. Standard Time Issued to Tennessee Valley Authority | To form a part of Policy No NF-256 |
|---|------------------------------------|
| Date of Issue May 12, 1986 | By General Manager |
| Endorsement No33 | Countersigned by |

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDATORY ENDORSEMENT

- 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 in existence shall be afforded under this policy only if an endorsent covering liability arising out of the use of such accelerator furing 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. 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. and have been certified by J. A. Jones Applied Research Co. as having been trained to do so.

| 84 | |
|--|--|
| Effective Date of this Endorsement January 1, 1986 | To form a part of Policy No. MF-66 |
| Issue to Tennessee Valley Authority | |
| Date of Issue May 13, 1986 | |
| For the S | Subscribing Companies |
| мофия | L ATOMIC ENERGY LIABILITY UNDERWRITERS |

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDATORY ENDORSEMENT

It is agreed that:

being made part

number and

Policy

a true copy

18

This is to certify that this

of the original

- Endorsement Nos. 66 and 68 are deleted.
- 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.
- 3. 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.
- 4. The liability for which coverage is afforded under paragraphs 2 and 3 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

| plinear accelerator during any subsequent is in existence shall be afforded und ment covering liability arising out of the covering liability arising liability arising out of the covering liability arising liability arising liability arising out of the covering liability arising liabil | of the was of such an endorse- |
|--|--|
| SCHEDUI | <u>LE</u> |
| I Minac - An x-radiation pracelerator used for high accelerator of J. A. Jones personnel under contract wind Authority or operated by envalue Authority who have besiden accelerator by J. A. Jand have been certified by Research Co. as having been accelerator contract wind have been certified by Research Co. as having been accelerator contract wind have been certified by Research Co. as having been certified by Research Co. | Applied Research Co. The Tennessee Valley Apployees of the Tennessee The Tennessee Valley The Tennessee Th |
| Effective Date of this Endorsement January 1, 1985 Issue to Tennessee Valley Authority | To form a part MF-66 |
| Date of Issue May 13, 1986 | |
| For the Subscr | ribing Companies |
| By - S | OMIC ENERGY LIABILITY UNDERWRITERS |
| Endorsement No. 76 Countersigned | AUTHORIZED REPRESENTATIVE |

- 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 I 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. 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. and have been certified by J. A. Jones Applied Research Co. as having been trained to do so.

| In Sendorsement January 1, 1986 12:01 A.M. Standard Time Issued to Tennessee Valley Authority | To form a part of Policy NoNF-198 |
|--|-----------------------------------|
| Date of Issue May 13, 1986 | By Assertation |
| Endorsement No90 | Countersigned by |

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

AMENDATORY ENDORSEMENT

It is agreed that:

Endormenent baving the endorsement number and being made part

This is to certify that this is a true copy

of the original

(Facility Form)

hereund

afforded

Insurance

Policy

of the Muclear Energy Liability

- 1. Endorsement Nos. 78 and 80 are deleted.
- 2. 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.
- 3. 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.
- 4. The liability for which coverage is afforded under paragraphs 2 and 3 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.

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| Research Co. as having been | trained to do so. |
|---|-----------------------------------|
| Effective Date of this Endorsement January 1, 1985 12:01 A.M. Standard Time Issued to Tennessee Valley Authority | To form a part of Policy NoNF-198 |
| Date of Issue May 13, 1986 | For the subscribing companies |
| Endorsement No 89 | General Manager Countersigned by |

AMENDATORY ENDORSEMENT

- 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.
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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.

| Effective Date of | John L. Controcchi, Vice President Liability Underwriting American Nuclear Insurers | | | |
|-------------------|---|------------------------------------|--|--|
| inis Endorsement | January 1, 1986 | To form & part of Policy No NF-247 | | |
| issued to | 12:01 A.M. Standard Time Tennessee Valley Authority | | | |
| Date of Issue May | 13, 1986 | For the subscribing companies | | |
| | | By Manager General Manager | | |
| Endersement No | 52 | Countersigned by | | |

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.

number and being made part

Policy

Liability

the

Insurance

Endorsement having the endorsement

This is to certify that this is

true copy of the original

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.

The liability for which coverage is afforded under paragraphs I and 2 above must a ise 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.

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| Effective Date of this Endorsement | 1, 1986 To form a part of Policy No. MF-102 |
|------------------------------------|---|
| Issue toTennessee Valley | Authority. |
| Date of Issue May 13, 1986 | |
| | For the Subscribing Companies |
| | By C. Dealle III |
| Endorsement No. 45 | Countersigned by |

AUTHORIZED REPRESENTATIVE

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1986

It is agreed that Items 1a. and 1b. of Endorsement No. 49

| are a | mended to read: | | |
|------------------------------------|---|--|----------|
| 1a. | ADVANCE PREMIUM: It is a | greed that the Advance | |
| Pre | mium due the companies for | the period designated above | |
| is: | | | |
| 1b. | STANDARD PREMIUM AND RESE | RVE PREMIUM: In the | |
| abs | ence of a change in the Adv | vance Premium indicated above, | |
| it | is agreed that, subject to | the provisions of the Industry | |
| Cre | dit Rating Plan, the Standa | ard Premium is said Advance | |
| Pre | mium and the Reserve Premiu | m is: \$ 494.170.43 | |
| Add | itional Premium: \$484.37 | | |
| | Endorsement have of the Nuclear Eignated hereon. | ry that this is a true copy of the origins ing the endorsement number and being made mergy Liability Policy (Facility Form) a No Insurance is afforded hereunder. Description of the President Liability Underwriting an Nuclear Insurers | part |
| Effective Date of this Endorsement | January 1, 1986 | | |
| | 12:01 A.M. Standard Time tessee Valley Authority | To form a part of Policy No_NF-247 | |
| | 3, 1986 | For the supecribing companies | |
| | | By Machan General N | daneger. |
| Endorsement No | 53 | | yer |

Countersigned by___

NE-36

| | MUTUAL ATOMIC ENERGY LIABILIT | Y UNDERWRITERS |
|-----------|--|--|
| | 1. Amendment of Advance Premium | Endorsement |
| | 2. Standard Premium and Reserve Pr | remium Endorsement |
| | 3. Additional Premium Due | |
| l. Adv | ance Premium | |
| It is | s agreed that the Amended Advance Premithe calendar year 1986 is \$189,0 | ium due the companies |
| 2. Stan | dard Premium and Reserve Premium | |
| agre | ect to the provisions of the Industry Cred eed that the Standard Premium and Reser- endar year designated above are: | it Rating Plan, it is ve Premium for the |
| | Standard Premium_ | \$189,662.94 |
| | Reserve Premium | \$143,468.83 |
| 3. Addi | itional Premium \$140.63 | - |
| | Date of January 1, 1986 | To form a part of Policy No. MF-102 |
| ssued to | Tennessee Valley Authority | |
| Date of I | ssueMay 13, 1986 | |
| | For the Subscribing Companies | |
| | MUTUAL ATOMIC ENERGY LIA | BILITY UNDERWRITERS |
| | ву 1 5 0 | ecalling / |
| Indorser | ment No. 46 Countersigned by | |
| E - 36 | This is to certify that this is a to Endorsement having the endorsement of the Nuclear Energy Liability Polynamed hereon. No Insurance is at | at number and being made part plicy (Facility Form) as des- fforded bereunder. |
| | | dent-Liability Underwriting |

AMENDMENT OF THE DESCRIPTION OF THE FACILITY

It is agreed that Item 3 of the Declarations, "Description of the Facility ", as amended by Endorsement Nos. 8 and 71 is further amended to read:

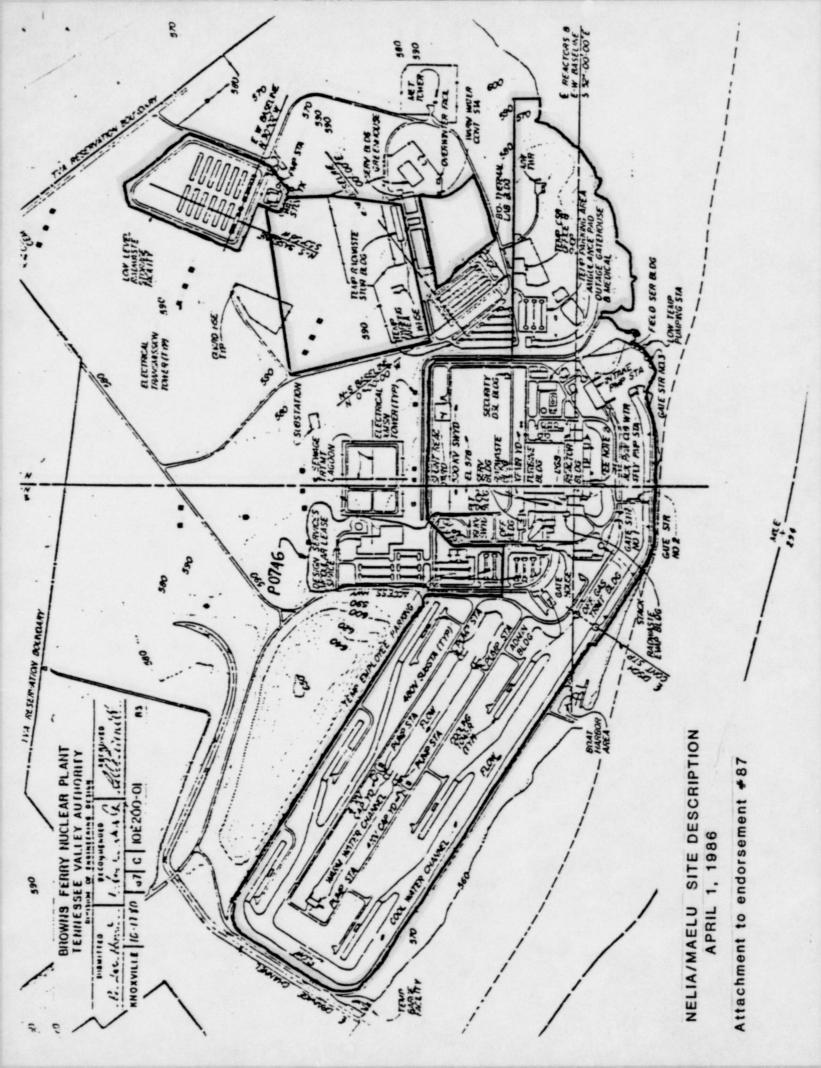
Location: All of the premises including the land and all buildings and structures of Tennessee Valley Authority's Browns Ferry Nuclear Station shown as being within the yellow outlines on a reduced copy of Tennessee Valley Authority's drawing number 67-C-10E200-01 dated October 17, 1980, a copy of which 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 august and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No Insurance is afforded hereunder.

+ 8. Quette

John L. Quattrocchi, Vice President-Liability Underwriting American Nucleer Insurers

| Effective Date of this Endorsement April 1, 1986 12:01 A.M. Standard Time Issued to Tennessee Valley Authority | To form a part of Policy NoNF-198 | | |
|---|-----------------------------------|--|--|
| Date of Issue May 12, 1986 | For the subscribing companies | | |
| | By General Manager | | |
| Endorsement No87 | Countersigned by | | |



MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDMENT OF THE DESCRIPTION OF THE FACILITY

It is agreed that Item 3 of the Declarations, "Description of the Facility ", as amended by Endorsement No. 60 is further amended to read:

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 or the Nuclear Energy Liability Policy (Facility Form) as designated hereon. Wo Insurance is afforded hereunder.

8. Quetto

John L. Quattroechi, Vice President-Liability Underwriting American Nuclear Insurers

| Effective Date of this EndorsementApril 1 | , 1986 | To form a part of Policy No | MF-66 |
|---|-------------|-----------------------------|---------------------|
| Issue toTennessee Valle | y Authority | | |
| Date of Issue May 12, 1986 | | | |
| | For the S | ubscribing Companies | |
| | By d | L ATOMIC ENERGY LIA | BILITY UNDERWRITERS |
| Endorsement No74 | Countersi | | ZED REPRESENTATIVE |

