



**Entergy
Operations**

Entergy Operations, Inc.

Route 1, Box 1270

Russellville, AR 72801

Tel 501-964-3100

10CFR140.15

February 11, 1993

OCAN029305

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Units 1&2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Proof of Financial Protection

Gentlemen:

As required by 10CFR140.15, copies of Arkansas Nuclear One's (ANO) current liability insurance endorsements are submitted to the Commission as proof of financial protection.

The following list outlines the attached endorsements:

- Attachment A - Primary and secondary financial protection endorsements which reflect nuclear liability insurance coverage for 1993;
- Attachment B - Entergy's Suppliers and Transporter's Form (information copy)

Should you have any questions regarding this submittal, do not hesitate to contact my office.

Very truly yours,

James J. Fisicaro
Director, Licensing

JJF/NBM/prg

Attachments

190148

9302230086 930211
PDR ADOCK 05000313
J PDR

mod 1

cc: Mr. James L. Milhoan
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Senior Resident Inspector
Arkansas Nuclear One - ANO-1 & 2
Number 1, Nuclear Plant Road
Russellville, AR 72801

Mr. Roby Bevan
NRR Project Manager, Region IV/ANO-1
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. Thomas Alexion
NRR Project Manager, Region IV/ANO-2
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

ATTACHMENT A
[10CFR140.15]

Facility Form

- No. 101 to ANI Facility Form Policy No. NF-210 "Advance Premium and Standard Premium Endorsement - Calendar Year 1993"
- No. 90 to MAELU Facility Form Policy No. MF-74 "Advance Premium and Standard Premium Endorsement - Calendar Year 1993"

Facility Worker Form

- No. 11 to ANI Facility Worker Form Certificate No. NW-116 extending the coverage period to December 31, 1997
- No. 11 to MAELU Facility Worker Form Certificate No. MW-47 extending the coverage period to December 31, 1997
- No. 12 to ANI Facility Worker Form Certificate No. NW-116 amending the Industry Retrospective Rating Plan Premium Endorsement
- No. 12 to MAELU Facility Worker Form Certificate No. MW-47 amending the Industry Retrospective Rating Plan Premium Endorsement
- No. 13 to ANI Facility Worker Form Certificate No. NW-116 "Advance Premium and Standard Premium Endorsement - Calendar Year 1993"
- No. 13 to MAELU Facility Worker Form Certificate No. MW-47 "Advance Premium and Standard Premium Endorsement - Calendar Year 1993"

Secondary Financial Protection

- No. 24 to ANI Secondary Financial Protection Certificate No. N-48 "Annual Premium Endorsement - Calendar Year 1993" for ANO Unit 1
- No. 24 to MAELU Secondary Financial Protection Certificate No. M-48 "Annual Premium Endorsement - Calendar Year 1993" for ANO Unit 1
- No. 24 to ANI Secondary Financial Protection Certificate No. N-68 "Annual Premium Endorsement - Calendar Year 1993" for ANO Unit 2
- No. 24 to MAELU Secondary Financial Protection Certificate No. M-68 "Annual Premium Endorsement - Calendar Year 1993" for ANO Unit 2

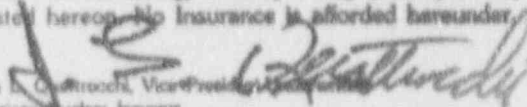
NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$413,222.00**
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: **\$311,724.00**

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. Castro, Vice President
American Nuclear Insurers

Effective Date of
this Endorsement: **January 1, 1993** To form a part of Policy No. **NF -0210**
(12:01 A.M. Standard Time)

Issued to: **Entergy Operations, Inc. and Arkansas Power & Light Company**

Date of Issue: **December 9, 1992**

For the subscribing companies

By


President

Endorsement No: **101**

Countersigned by _____

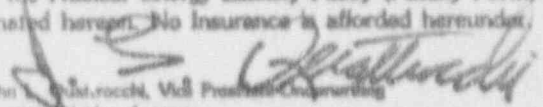
NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$119,968.00**
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: **\$90,500.00**

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


John J. Murocchi, Vice President, Engineering
American Nuclear Insurers

Effective Date of

this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Policy No. MF -0074

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: December 9, 1992

For the subscribing companies

By

Endorsement No: 90

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

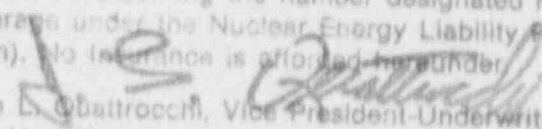
AMENDATORY ENDORSEMENT
(Facility Worker Form - Certificate of Insurance)

It is agreed that Item 2, Certificate Coverage Period, of Section 1. DECLARATIONS of this Certificate is amended to read:

Item 2. Certificate Coverage Period:

Beginning at 12:01 a.m. January 1, 1988 and ending at the close of December 31, 1997, Eastern Standard Time, or at the time and date this Certificate is cancelled or terminated, whichever first occurs.

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. Battrocchi, Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement:

January 1, 1993
12:01 A.M. Standard Time

To form a part of Certificate No. NW -0116

Issued to:

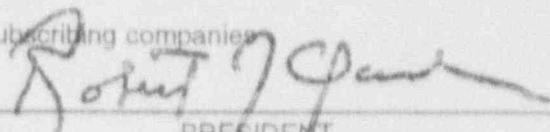
Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue:

December 15, 1992

For the subscribing companies

By


PRESIDENT

Endorsement No:

11

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDATORY ENDORSEMENT (Facility Worker Form - Certificate of Insurance)

It is agreed that the endorsement entitled "INDUSTRY RETROSPECTIVE RATING PLAN PREMIUM ENDORSEMENT" is amended as follows:

1. The definitions of "reserve premium", "retrospective adjustment ratio", and "reserve for refunds" in Section 1. DEFINITIONS are amended to read:

"reserve premium" means that portion of the premium paid for a Certificate (including reserve premium charges) that is specifically allocated under the Industry Retrospective Rating Plan for ratable incurred losses;

"retrospective adjustment ratio", for any period, is the ratio of the reserve premium for this Certificate plus the Certificate's share of the undistributed net income realized (after deducting taxes and investment expenses) on the Special Reserve Account for that period to the industry reserve premium plus the total undistributed net income realized (after deducting taxes and investment expenses) on the Special Reserve Account for the same period;

"reserve for refunds", as of any date, is the algebraic result of:

- (1) all industry reserve premium for the period from January 1, 1988 through such date, plus
- (2) the total undistributed net income realized (after deducting taxes and investment expenses) on the Special Reserve Account, minus
- (3) the total for the same period of (a) all ratable incurred losses and (b) all industry reserve premium refunds made under the Industry Retrospective Rating Plan by members of NELIA;

2. The second sentence of Section 3. SPECIAL RESERVE ACCOUNT: USE OF RESERVE PREMIUMS is amended by adding the word "deducting" before the words "taxes and investment expenses".

3. Section 5. FINAL PREMIUM is amended to read:

5. FINAL PREMIUM

The final premium for this Certificate shall be (a) the sum of the standard premiums for each calendar year, or portion thereof, during which the Certificate remains in force plus (b) the sum of all reserve premium charges, minus (c) the sum of all reserve premium refunds.

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, Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement:

January 1, 1993
12:01 A.M. Standard Time

To form a part of Certificate No.

NW -0116

Issued to:

Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue:

December 15, 1992

For the subscribing companies

By


PRESIDENT

Endorsement No:

12

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$35,805.00**
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is: **\$28,644.00**

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 under

J. E. Gualtrocchi
John L. Gualtrocchi, Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement: January 1, 1993 To form a part of Certificate No. NW -0116
(12:01 A.M. Standard Time)

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: November 9, 1992

For the subscribing companies

By

Robert J. Gann
President

Endorsement No: 13

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDATORY ENDORSEMENT
(Facility Worker Form - Certificate of Insurance)

It is agreed that Item 2, Certificate Coverage Period, of Section 1. DECLARATIONS of this Certificate is amended to read:

Item 2. Certificate Coverage Period:

Beginning at 12:01 a.m. January 1, 1988 and ending at the close of December 31, 1997, Eastern Standard Time, or at the time and date this Certificate is cancelled or terminated, whichever first occurs.

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

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

Effective Date of
this Endorsement:

January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Certificate No. MW -0047

Issued to:

Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue:

December 15, 1992

For the subscribing companies

By

J. B. Quattrocchi

Endorsement No:

11

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDATORY ENDORSEMENT (Facility Worker Form - Certificate of Insurance)

It is agreed that the endorsement entitled "INDUSTRY RETROSPECTIVE RATING PLAN PREMIUM ENDORSEMENT" is amended as follows:

1. The definitions of "reserve premium", "retrospective adjustment ratio", and "reserve for refunds" in Section 1. DEFINITIONS are amended to read:

"reserve premium" means that portion of the premium paid for a Certificate (including reserve premium charges) that is specifically allocated under the Industry Retrospective Rating Plan for ratable incurred losses;

"retrospective adjustment ratio", for any period, is the ratio of the reserve premium for this Certificate plus the Certificate's share of the undistributed net income realized (after deducting taxes and investment expenses) on the Special Reserve Account for that period to the industry reserve premium plus the total undistributed net income realized (after deducting taxes and investment expenses) on the Special Reserve Account for the same period;

"reserve for refunds", as of any date, is the algebraic result of:

- (1) all industry reserve premium for the period from January 1, 1988 through such date, plus
 - (2) the total undistributed net income realized (after deducting taxes and investment expenses) on the Special Reserve Account, minus
 - (3) the total for the same period of (a) all ratable incurred losses and (b) all industry reserve premium refunds made under the Industry Retrospective Rating Plan by members of NELIA;
2. The second sentence of Section 3. SPECIAL RESERVE ACCOUNT:
USE OF RESERVE PREMIUMS is amended by adding the word "deducting" before the words "taxes and investment expenses".

3. Section 5. FINAL PREMIUM is amended to read:

5. FINAL PREMIUM

The final premium for this Certificate shall be (a) the sum of the standard premiums for each calendar year, or portion thereof, during which the Certificate remains in force plus (b) the sum of all reserve premium charges, minus (c) the sum of all reserve premium refunds.

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 provided hereunder.

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

Effective Date of
this Endorsement:

January 1, 1993
12:01 A.M. Standard Time

To form a part of Certificate No.

MW -0047

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: December 15, 1992

For the subscribing companies

By

J. S. Quattrocchi

Endorsement No: 12

Countersigned by

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$10,395.00**
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Retrospective Rating Plan, the Standard Premium is said Advance Premium and the estimated Reserve Premium element of the Standard Premium is: **\$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.

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

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Certificate No. MW -0047

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: November 9, 1992

For the subscribing companies

By

Endorsement No: 13

Countersigned by _____

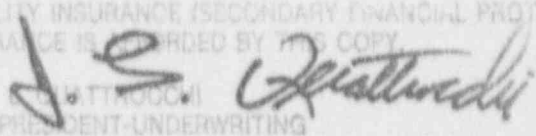
NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. ANNUAL PREMIUM: It is agreed that the Advance 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 GRANTED BY THIS COPY.


JOHN J. MATTIOCCIA
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

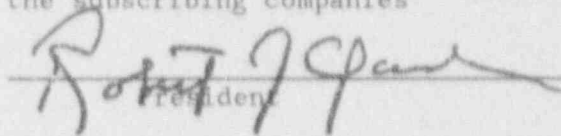
To form a part of Certificate No. N -0048

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: October 15, 1992

For the subscribing companies

By


President

Endorsement No: 24

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. **ANNUAL PREMIUM:** It is agreed that the Advance 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 FURNISHED BY THIS ENDORSEMENT.

J. S. Mattrocchi
JOHN L. MATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0068

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: October 15, 1992

For the subscribing companies

By

Robert J. Fann
President

Endorsement No: 24

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. ANNUAL PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: \$1,687.00

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. Cristoforetti
JOHN S. CRISTOFORETTI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Certificate No. M -0048

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: October 15, 1992

For the subscribing companies

By *J. S. Cristoforetti*

Endorsement No: 24

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. ANNUAL PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: \$1,697.00

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 ENDORSEMENT.

J. S. Guattrocchi
JOHN GUATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Certificate No. M -0068

Issued to: Entergy Operations, Inc. and Arkansas Power & Light Company

Date of Issue: October 15, 1992

For the subscribing companies

By *J. S. Guattrocchi*

Endorsement No: 24

Countersigned by _____

ATTACHMENT B

Supplier's and Transporter's Coverage

- ANI Policy No. NS-0507, Endorsement No. 17
- MAELU Policy No. MS-0128, Endorsement No. 18

NUCLEAR ENERGY LIABILITY INSURANCE
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: \$35,428.00
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: \$25,442.00

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

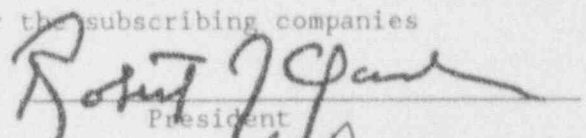
To form a part of Policy No. NS -0507

Issued to: Entergy Operations, Inc.

Date of Issue: December 4, 1992

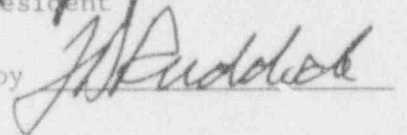
For the subscribing companies

By


President

Endorsement No: 17

Countersigned by



NUCLEAR ENERGY LIABILITY INSURANCE
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1993

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$10,285.00**
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: **\$7,386.00**

Effective Date of
this Endorsement: January 1, 1993
(12:01 A.M. Standard Time)

To form a part of Policy No. MS -0128

Issued to: Entergy Operations, Inc.

Date of Issue: December 1, 1992

For the subscribing companies

By

J. S. Gustafson

Endorsement No: 18

Countersigned by

J. P. Budder