

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8801270250      DOC. DATE: 88/01/14      NOTARIZED: NO      DOCKET #  
 FACIL: 50-206 San Onofre Nuclear Station, Unit 1, Southern Californ      05000206  
       50-361 San Onofre Nuclear Station, Unit 2, Southern Californ      05000361  
       50-362 San Onofre Nuclear Station, Unit 3, Southern Californ      05000362

AUTH. NAME                      AUTHOR AFFILIATION  
 ADAMS, J.B.                      Southern California Edison Co.  
 RECIP. NAME                    RECIPIENT AFFILIATION  
 DINITZ, I.                        NRC - No Detailed Affiliation Given

SUBJECT: Forwards Endorsements 120-123, 47, 48, 9 & 7 to NELIA Policies  
           NF-146, NS-28, N-10 & N-87, respectively.

DISTRIBUTION CODE: M001D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 3p  
 TITLE: Insurance: Indemnity/Endorsement Agreements

NOTES: License Exp date in accordance with 10CFR2, 2.109.      05000206

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50-361

**Southern California Edison Company**

P. O. BOX 800  
2244 WALNUT GROVE AVENUE  
ROSEMEAD, CALIFORNIA 91770

January 14, 1988

Mr. Ira Dinitz  
Indemnity Specialist  
Nuclear Regulatory Commission  
Antitrust and Indemnity Group  
Washington, D.C. 20555

Dear Mr. Dinitz:

Enclosed are copies of the following documents to update your files related to our San Onofre Nuclear Generating Plant:

Policies

Endorsements

NF-146	120, 121, 122, 123
MF-38	105, 106, 107, 108
NS-282	47, 48
M-10	9
N-10	9
M-81	8
M-81	8
M-87	7
N-87	7

Please files these with the policies in your files. Thank you.

If there are any questions, I can be reached at (818)302-9830.

Sincerely,

John B. Adams, ARM  
Risk Mgmt. Consultant

8801270250 880114  
PDR ADOCK 05000206  
J. DCD

Moo!  
1/1

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDMENT OF COVERAGE ENDORSEMENT

FOR WORKERS CLAIMS

(Facility Form)

PREAMBLE

1. The insurance and rating plan presently used by Nuclear Energy Liability Insurance Association ("NELIA") and Mutual Atomic Energy Liability Underwriters ("MAELU") do not make a distinction between workers claims arising from catastrophic events and those arising from lesser events;
2. NELIA and MAELU believe that the lack of such a distinction will adversely affect their ability to continue to attract from world markets very large amounts of nuclear energy liability insurance for the nuclear industry;
3. NELIA and MAELU want to avoid this potential loss of capacity and to continue to provide nuclear energy liability insurance for workers claims. Accordingly NELIA and MAELU desire to restructure their present insurance programs, including this policy, effective January 1, 1988.

NOW, THEREFORE, the Named Insured and the companies do hereby agree as follows:

1. DEFINITIONS

When used in reference to this endorsement:

"this policy" means the policy of which this endorsement forms a part;

"nuclear related employment" means all work performed at one or more than one nuclear facility in the United States of America or in connection with the transportation of nuclear material to or from any such facility. All of a worker's nuclear related employment shall be considered as having begun on the first day of such employment, regardless of the number of employers involved or interruptions in such employment;

"worker" refers to a person who is or was engaged in nuclear related employment;

"workers claims" means claims for damages because of bodily injury to a worker caused by the radioactive, toxic, explosive or other hazardous properties of nuclear material and arising out of or in the course of the worker's nuclear related employment;

"extraordinary nuclear occurrence" means an event which the United States Nuclear Regulatory Commission has determined to be an "extraordinary nuclear occurrence" as defined in the Atomic Energy Act of 1954, or in any law amendatory thereof.

2. APPLICATION OF THIS ENDORSEMENT

This endorsement applies only to such insurance as is afforded by this policy for workers claims which do not arise in whole or in part out of an extraordinary nuclear occurrence.

3. EXCLUSION OF NEW WORKERS CLAIMS

This policy does not apply to bodily injury to a worker which arises in whole or in part out of nuclear related employment that begins on or after January 1, 1988.

4. APPLICATION OF POLICY TO WORKERS CLAIMS NOT EXCLUDED

With respect to such insurance as is afforded by this policy for workers claims which are not excluded, Insuring Agreement IV does not apply and the following Insuring Agreement IV-A does apply:

IV-A APPLICATION OF POLICY TO WORKERS CLAIMS

This policy applies only to bodily injury (1) which is caused during the policy period by the nuclear energy hazard and (2) which is discovered and for which written claim is made against the insured not later than the close of December 31, 1997.

5. AVAILABILITY OF SUPPLEMENTAL INSURANCE

NELIA and MAELU are offering to make insurance under one or more Master Worker Policies available to all holders of Nuclear Energy Liability Policies (Facility Form). THIS OFFER IS CONTINGENT ON SUFFICIENT SUPPORT FROM POLICYHOLDERS, AND MAY BE WITHDRAWN OR MODIFIED BY NELIA OR MAELU AS THEY DEEM NECESSARY OR APPROPRIATE.

The Master Worker Policies will provide, under their separate terms and conditions, coverage for new workers claims. Premiums will be subject to a separate Industry Retrospective Rating Plan.

COVERAGE UNDER THE NEW MASTER WORKER POLICIES IS NOT AUTOMATIC. A WRITTEN REQUEST MUST BE SUBMITTED TO NELIA OR MAELU THROUGH REGULAR MARKET CHANNELS.

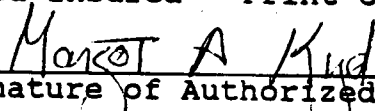
It is understood and agreed that all of the provisions of this endorsement shall remain in full force and effect without regard to this Section 5, and without regard to whether or not the Named Insureds become insureds under the Master Worker Policies, or whether or not NELIA or MAELU terminate such policies or withdraw or modify their offer to underwrite such policies.

Executed for the companies

Date 12/14/87 By   
(Signature of Authorized Officer)

John L. Quattrocchi, Vice President-Liability Underwriting  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

San Diego Gas & Electric  
(Named Insured - Print or Type)  
Date 11/10/87 By   
(Signature of Authorized Officer)

Margot A. Kyd, Treasurer  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)

\_\_\_\_\_  
(Print or Type Name and Title of Officer)

RECEIVED  
NOV 18 1987  
INSURANCE DEPT.

COVERAGE UNDER THE NEW MASTER WORKER POLICIES IS NOT AUTOMATIC. A WRITTEN REQUEST MUST BE SUBMITTED TO NELIA OR MAELU THROUGH REGULAR MARKET CHANNELS.

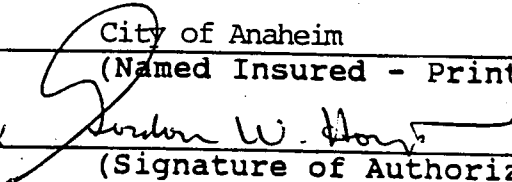
It is understood and agreed that all of the provisions of this endorsement shall remain in full force and effect without regard to this Section 5, and without regard to whether or not the Named Insureds become insureds under the Master Worker Policies, or whether or not NELIA or MAELU terminate such policies or withdraw or modify their offer to underwrite such policies.

Executed for the companies

Date 12/14/87 By   
(Signature of Authorized Officer)

John L. Quattrocchi, Vice President-Liability Underwriting  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

City of Anaheim  
(Named Insured - Print or Type)  
Date x 11/16/87 By   
(Signature of Authorized Officer)

x Gordon W. Hoyt, Public Utilities General Manager  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)

\_\_\_\_\_  
(Print or Type Name and Title of Officer)

**COVERAGE UNDER THE NEW MASTER WORKER POLICIES IS NOT  
AUTOMATIC. A WRITTEN REQUEST MUST BE SUBMITTED TO NELIA  
OR MAELU THROUGH REGULAR MARKET CHANNELS.**

It is understood and agreed that all of the provisions of this endorsement shall remain in full force and effect without regard to this Section 5, and without regard to whether or not the Named Insureds become insureds under the Master Worker Policies, or whether or not NELIA or MAELU terminate such policies or withdraw or modify their offer to underwrite such policies.

Executed for the companies

Date 12/14/87 By *J. S. Quattrocchi*  
(Signature of Authorized Officer)

John L. Quattrocchi, Vice President-Liability Underwriting  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

City of Riverside  
(Named Insured - Print or Type)  
Date Dec. 1, 1987, By *[Signature]*  
(Signature of Authorized Officer)

Public Utilities Director  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)  
(Print or Type Name and Title of Officer)

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.

*[Signature]*  
John E. Quattrocchi, Vice President-Liability Underwriting  
American Nuclear Insurers

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)  
\_\_\_\_\_  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)  
\_\_\_\_\_  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

Southern California Edison Company  
(Named Insured - Print or Type)  
Date 12/1/87 By *M. L. Noel*  
(Signature of Authorized Officer)  
M. L. Noel, Vice President & Treasurer  
(Print or Type Name and Title of Officer)

Effective Date of this Endorsement January 1, 1988 To form a part of Policy No NF-146  
12:01 A.M. Standard Time  
Southern California Edison Company, San Diego Gas & Electric Co., The City of  
Issued to Anaheim and The City of Riverside

Date of Issue October 19, 1987 For the subscribing companies  
By \_\_\_\_\_  
General Manager

Endorsement No 120 Countersigned by \_\_\_\_\_



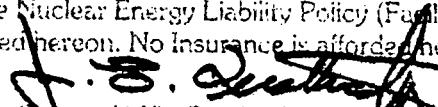
**Nuclear Energy Liability Insurance**  
**NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

RESTORATION OF LIMIT OF LIABILITY ENDORSEMENT

It is agreed that:

1. Payments made and expenses incurred by the companies under this policy have reduced, in accordance with Condition 3 of the policy, the limits of the companies' liability stated in Item 4 of the Declarations and in all Increase of Limit of Liability Endorsements.
2. The limit of liability stated in Endorsement No. 117 which has been reduced is hereby restored to \$124,000,000.00. This restored limit applies only with respect to obligations assumed or expenses incurred because of bodily injury or property damage caused by the nuclear energy hazard on or after the effective date of this endorsement.
3. The limits of liability stated in the policy shall not be cumulative. Each payment made by the companies after the effective date of this endorsement for any loss or expense covered by the policy shall reduce by the amount of such payment every limit of liability, regardless of which limit of liability applies with respect to the bodily injury or property damage out of which such loss or expense arises.

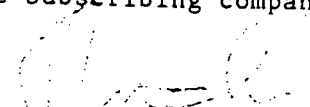
This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No Insurance is afforded hereunder.

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

Effective Date of this Endorsement July 1, 1987 To form a part of Policy No NF-146  
12:01 A.M. Standard Time  
Southern California Edison Company, San Diego Gas & Electric Co., The City  
Issued to of Anaheim and The City of Riverside

Date of Issue August 18, 1987

For the Subscribing companies

By   
General Manager

Endorsement No 121  
NE-22b

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. 118  
are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance  
Premium due the companies for the period designated above  
is: \$ 1,069,686.00.

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: \$ 810,636.00.

Additional Premium: \$ 77.43

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 afforded hereunder.

*J. S. DeStefano*  
John L. C. Attrocchio, Vice President-Liability Underwriting  
American Nuclear Insurers

Effective Date of  
this Endorsement January 1, 1987

To form a part of Policy No NF-146

12:01 A.M. Standard Time

Southern California Edison Company, San Diego Gas & Electric Co., The City  
Issued to of Anaheim and The City of Riverside

Date of Issue August 18, 1987

For the Subscribing Companies

By *[Signature]*  
General Manager

Endorsement No 122

Countersigned by \_\_\_\_\_

**NUCLEAR ENERGY LIABILITY INSURANCE**

**NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

**ADVANCE PREMIUM AND STANDARD PREMIUM CALENDAR YEAR 1988  
ENDORSEMENT**

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

\$ 1,557,821.00

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:

\$ 1,181,619.00

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.

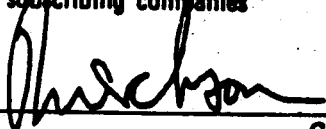
  
John E. Quattrocenti, Vice President, Liability Underwriting  
American Nuclear Insurers

Effective Date of This Endorsement January 1, 1988 To form a part of Policy No. NF-146  
12:01 A.M. Standard Time

Issued to Southern California Edison Company, San Diego Gas & Electric Co., The City of Anaheim and The City of Riverside

Date of Issue December 15, 1987

For the subscribing companies

By   
General Manager

Endorsement No. 123

Countersigned by \_\_\_\_\_

Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDMENT OF COVERAGE ENDORSEMENT

FOR WORKERS CLAIMS

(Facility Form)

PREAMBLE

1. The insurance and rating plan presently used by Mutual Atomic Energy Liability Underwriters ("MAELU") and Nuclear Energy Liability Insurance Association ("NELIA") do not make a distinction between workers claims arising from catastrophic events and those arising from lesser events;
2. MAELU and NELIA believe that the lack of such a distinction will adversely affect their ability to continue to attract from world markets very large amounts of nuclear energy liability insurance for the nuclear industry;
3. MAELU and NELIA want to avoid this potential loss of capacity and to continue to provide nuclear energy liability insurance for workers claims. Accordingly MAELU and NELIA desire to restructure their present insurance programs, including this policy, effective January 1, 1988.

NOW, THEREFORE, the Named Insured and the companies do hereby agree as follows:

1. DEFINITIONS

When used in reference to this endorsement:

"this policy" means the policy of which this endorsement forms a part;

"nuclear related employment" means all work performed at one or more than one nuclear facility in the United States of America or in connection with the transportation of nuclear material to or from any such facility. All of a worker's nuclear related employment shall be considered as having begun on the first day of such employment, regardless of the number of employers involved or interruptions in such employment;

"worker" refers to a person who is or was engaged in nuclear related employment;

"workers claims" means claims for damages because of bodily injury to a worker caused by the radioactive, toxic, explosive or other hazardous properties of nuclear material and arising out of or in the course of the worker's nuclear related employment;

"extraordinary nuclear occurrence" means an event which the United States Nuclear Regulatory Commission has determined to be an "extraordinary nuclear occurrence" as defined in the Atomic Energy Act of 1954, or in any law amendatory thereof.

2. APPLICATION OF THIS ENDORSEMENT

This endorsement applies only to such insurance as is afforded by this policy for workers claims which do not arise in whole or in part out of an extraordinary nuclear occurrence.

3. EXCLUSION OF NEW WORKERS CLAIMS

This policy does not apply to bodily injury to a worker which arises in whole or in part out of nuclear related employment that begins on or after January 1, 1988.

4. APPLICATION OF POLICY TO WORKERS CLAIMS NOT EXCLUDED

With respect to such insurance as is afforded by this policy for workers claims which are not excluded, Insuring Agreement IV does not apply and the following Insuring Agreement IV-A does apply:

IV-A APPLICATION OF POLICY TO WORKERS CLAIMS

This policy applies only to bodily injury (1) which is caused during the policy period by the nuclear energy hazard and (2) which is discovered and for which written claim is made against the insured not later than the close of December 31, 1997.

5. AVAILABILITY OF SUPPLEMENTAL INSURANCE

MAELU and NELIA are offering to make insurance under one or more Master Worker Policies available to all holders of Nuclear Energy Liability Policies (Facility Form). THIS OFFER IS CONTINGENT ON SUFFICIENT SUPPORT FROM POLICYHOLDERS, AND MAY BE WITHDRAWN OR MODIFIED BY MAELU OR NELIA AS THEY DEEM NECESSARY OR APPROPRIATE.

The Master Worker Policies will provide, under their separate terms and conditions, coverage for new workers claims. Premiums will be subject to a separate Industry Retrospective Rating Plan.

COVERAGE UNDER THE NEW MASTER WORKER POLICIES IS NOT AUTOMATIC. A WRITTEN REQUEST MUST BE SUBMITTED TO MAELU OR NELIA THROUGH REGULAR MARKET CHANNELS.

It is understood and agreed that all of the provisions of this endorsement shall remain in full force and effect without regard to this Section 5, and without regard to whether or not the Named Insureds become insureds under the Master Worker Policies, or whether or not MAELU or NELIA terminate such policies or withdraw or modify their offer to underwrite such policies.

Executed for the companies

Date 12/14/87 By

J. S. Quattrocchi  
(Signature of Authorized Officer)

John L. Quattrocchi, Vice President-Liability Underwriting  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

San Diego Gas & Electric  
(Named Insured - Print or Type)

Date 11/10/87 By

Margot A. Kyd  
(Signature of Authorized Officer)

Margot A. Kyd, Treasurer  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)

Date \_\_\_\_\_ By

\_\_\_\_\_  
(Signature of Authorized Officer)

\_\_\_\_\_  
(Print or Type Name and Title of Officer)

COVERAGE UNDER THE NEW MASTER WORKER POLICIES IS NOT AUTOMATIC. A WRITTEN REQUEST MUST BE SUBMITTED TO MAELU OR NELIA THROUGH REGULAR MARKET CHANNELS.

It is understood and agreed that all of the provisions of this endorsement shall remain in full force and effect without regard to this Section 5, and without regard to whether or not the Named Insureds become insureds under the Master Worker Policies, or whether or not MAELU or NELIA terminate such policies or withdraw or modify their offer to underwrite such policies.

Executed for the companies

Date 12/14/87 By

J. L. Quattrocchi  
(Signature of Authorized Officer)

John L. Quattrocchi, Vice President-Liability Underwriting  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

Date x 11/16/87 By x

City of Anaheim  
(Named Insured - Print or Type)

Gordon W. Hoyt  
(Signature of Authorized Officer)

x Gordon W. Hoyt, Public Utilities General Manager  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)

Date \_\_\_\_\_ By \_\_\_\_\_

\_\_\_\_\_  
(Signature of Authorized Officer)

\_\_\_\_\_  
(Print or Type Name and Title of Officer)

COVERAGE UNDER THE NEW MASTER WORKER POLICIES IS NOT  
AUTOMATIC. A WRITTEN REQUEST MUST BE SUBMITTED TO MAELU  
OR NELIA THROUGH REGULAR MARKET CHANNELS.

It is understood and agreed that all of the provisions of  
this endorsement shall remain in full force and effect  
without regard to this Section 5, and without regard to  
whether or not the Named Insureds become insureds under the  
Master Worker Policies, or whether or not MAELU or NELIA  
terminate such policies or withdraw or modify their offer to  
underwrite such policies.

Executed for the companies

Date 12/14/87 By \_\_\_\_\_

  
(Signature of Authorized Officer)

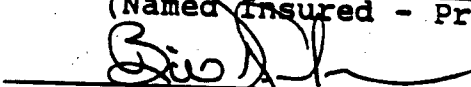
John L. Quattrocchi, Vice President-Liability Underwriting  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

City of Riverside

(Named Insured - Print or Type)

Date Dec. 1, 1987 By \_\_\_\_\_

  
(Signature of Authorized Officer)

Public Utilities Director

(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)

Date \_\_\_\_\_ By \_\_\_\_\_

\_\_\_\_\_  
(Signature of Authorized Officer)

\_\_\_\_\_  
(Print or Type Name and Title of Officer)



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

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)  
\_\_\_\_\_  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

\_\_\_\_\_  
(Named Insured - Print or Type)  
Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)  
\_\_\_\_\_  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

Southern California Edison Company  
(Named Insured - Print or Type)  
Date 12/1/87 By *M. L. Noel*  
(Signature of Authorized Officer)  
M. L. Noel, Vice President & Treasurer  
(Print or Type Name and Title of Officer)

Effective Date of this Endorsement January 1, 1988 To form a part of Policy No. MF-38  
12:01 A.M. Standard Time  
Issued to Southern California Edison Company, San Diego Gas & Electric Co., The City of Anaheim and The City of Riverside  
Date of Issue October 19, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By *J. S. Quattrocchi*

Endorsement No. 105

Countersigned by \_\_\_\_\_  
Authorized Representative

**NUCLEAR ENERGY LIABILITY INSURANCE**

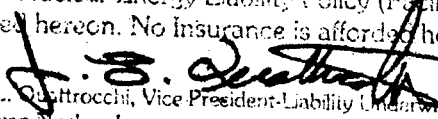
**MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS**

**RESTORATION OF LIMIT OF LIABILITY ENDORSEMENT**

It is agreed that:

1. Payments made and expenses incurred by the companies under this policy have reduced, in accordance with Condition 3 of the policy, the limits of the companies' liability stated in Item 4 of the Declarations and in all Increase of Limit of Liability Endorsements.
2. The limit of liability stated in Endorsement No. 102 which has been reduced is hereby restored to \$ 36,000,000.00. This restored limit applies only with respect to obligations assumed or expenses incurred because of bodily injury or property damage caused by the nuclear energy hazard on or after the effective date of this endorsement.
3. The limits of liability stated in the policy shall not be cumulative. Each payment made by the companies after the effective date of this endorsement for any loss or expense covered by the policy shall reduce by the amount of such payment every limit of liability, regardless of which limit of liability applies with respect to the bodily injury or property damage out of which such loss or expense arises.

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

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

Effective Date of this Endorsement July 1, 1987 To form a part of Policy No. MF-38  
Southern California Edison Company, San Diego Gas & Electric Co., The City  
Issued to of Anaheim and The City of Riverside

Date of Issue August 18, 1987

For the Subscribing Companies

**MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS**

By 

Countersigned by \_\_\_\_\_

Authorized Representative

Endorsement No. 106  
ME-22b

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1987

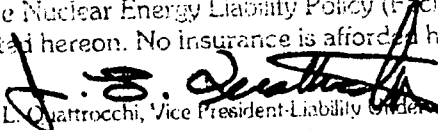
It is agreed that Items 1 and 2 of Endorsement No. 103  
are amended to read:

1. ADVANCE PREMIUM: It is agreed that the Advance  
Premium due the companies for the period designated above  
is: \$ 310,554.00.

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: \$ 235,346.00.

Additional Premium: \$ 22.48.

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 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-38  
Southern California Edison Company, San Diego Gas & Electric Co., The City  
Issued to of Anaheim and The City of Riverside  
Date of Issue August 18, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By 

Countersigned by \_\_\_\_\_

Authorized Representative

Endorsement No. 107

**NUCLEAR ENERGY LIABILITY INSURANCE**

**MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS**

**ADVANCE PREMIUM AND STANDARD PREMIUM CALENDAR YEAR 1988  
ENDORSEMENT**

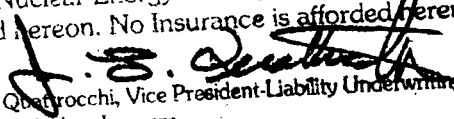
1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 452,271.00

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:

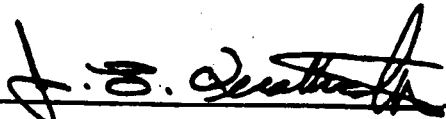
\$ 343,051.00

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. Qbatrocchi, Vice President-Liability Underwriting  
American Nuclear Insurers

Effective Date of This Endorsement January 1, 1988 To form a part of Policy No. MF-38  
12:01 A.M. Standard Time  
Issued to Southern California Edison Company, San Diego Gas & Electric Co., The City of Anaheim and The City of Riverside  
Date of Issue December 15, 1987

For the subscribing companies  
**MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS**

By 

Endorsement No. 108

Countersigned by \_\_\_\_\_  
Authorized Representative

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDMENT OF COVERAGE ENDORSEMENT

FOR WORKERS CLAIMS

(Supplier's and Transporter's Form)

PREAMBLE

1. The insurance and rating plan presently used by Nuclear Energy Liability Insurance Association ("NELIA") and Mutual Atomic Energy Liability Underwriters ("MAELU") do not make a distinction between workers claims arising from catastrophic events and those arising from lesser events;
2. NELIA and MAELU believe that the lack of such a distinction will adversely affect their ability to continue to attract from world markets very large amounts of nuclear energy liability insurance for the nuclear industry;
3. NELIA and MAELU want to avoid this potential loss of capacity and to continue to provide nuclear energy liability insurance for workers claims. Accordingly NELIA and MAELU desire to restructure their present insurance programs, including this policy, effective January 1, 1988.

NOW, THEREFORE, the Named Insured and the companies do hereby agree as follows:

1. DEFINITIONS

When used in reference to this endorsement:

"this policy" means the policy of which this endorsement forms a part;

"nuclear related employment" means all work performed at one or more than one nuclear facility in the United States of America or in connection with the transportation of nuclear material to or from any such facility. All of a worker's nuclear related employment shall be considered as having begun on the first day of such employment, regardless of the number of employers involved or interruptions in such employment;

"worker" refers to a person who is or was engaged in nuclear related employment;

"workers claims" means claims for damages because of bodily injury to workers caused by the radioactive, toxic, explosive or other hazardous properties of nuclear material and arising out of or in the course of the worker's nuclear related employment;

"extraordinary nuclear occurrence" means an event which the United States Nuclear Regulatory Commission has determined to be an "extraordinary nuclear occurrence" as defined in the Atomic Energy Act of 1954, or in any law amendatory thereof.

## 2. APPLICATION OF THIS ENDORSEMENT

This endorsement applies only to such insurance as is afforded by this policy for workers claims which do not arise in whole or in part out of an extraordinary nuclear occurrence.

## 3. EXCLUSION OF CERTAIN WORKERS CLAIMS

With respect to workers claims to which this endorsement applies, exclusion (i) of this policy is replaced by the following exclusion:

This policy does not apply to:

- (1) bodily injury with respect to which
  - (a) any person or organization is required to maintain financial protection pursuant to the Atomic Energy Act of 1954, or any law amendatory thereof, or
  - (b) the insured is, or had this policy not been issued would be, entitled to indemnity from the United States of America, or any agency thereof, under any agreement entered into by the United States of America, or any agency thereof, with any person or organization;
- (2) bodily injury to a worker which arises in whole or in part out of nuclear related employment that begins on or after January 1, 1988.

Subsection (2) of this exclusion does not apply to bodily injury with respect to which the insured is not also an insured under

(a) a Nuclear Energy Liability Policy (Facility Worker Form) issued by NELIA or MAELU, or

(b) any policy issued by other insurers that is designed to provide nuclear energy liability insurance for workers claims,

or would be an insured under any such Facility Worker Form or policy but for the exhaustion of the applicable limit of the insurers' liability thereunder.

#### 4. APPLICATION OF POLICY TO WORKERS CLAIMS NOT EXCLUDED

With respect to such insurance as is afforded by this policy for workers claims which are not excluded, Insuring Agreement IV does not apply and the following Insuring Agreement IV-A does apply:

##### IV-A APPLICATION OF POLICY TO WORKERS CLAIMS

This policy applies only to bodily injury (1) which is caused during the policy period by the nuclear energy hazard and (2) which is discovered and for which written claim is made against the insured not later than the close of December 31, 1997.

Executed for the companies

Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature of Authorized Officer)

\_\_\_\_\_  
(Print or Type Name and Title of Officer)

Executed for the Named Insured

Southern California Edison Company  
(Named Insured - Print or Type)

Date 12/1/87 By [Signature]  
(Signature of Authorized Officer)

M. L. Noel, Vice President & Treasurer  
(Print or Type Name and Title of Officer)

Effective Date of this Endorsement January 1, 1988 To form a part of Policy No. NS-282  
12:01 A.M. Standard Time

Issued to Southern California Edison Company

Date of Issue October 19, 1988

For the Subscribing Companies

By [Signature]  
General Manager

Endorsement No. 47

Countersigned by \_\_\_\_\_



**NUCLEAR ENERGY LIABILITY INSURANCE**

**NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

**ADVANCE PREMIUM AND STANDARD PREMIUM CALENDAR YEAR 1988  
ENDORSEMENT**

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

\$ 21,747.00

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:

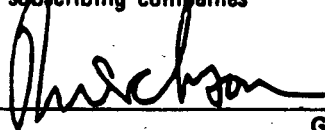
\$ 15,158.00

Effective Date of This Endorsement January 1, 1988 To form a part of Policy No. NS-282  
12:01 A.M. Standard Time

Issued to Southern California Edison Company

Date of Issue December 15, 1987

For the subscribing companies

By   
General Manager

Endorsement No. 48

Countersigned by \_\_\_\_\_

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1988

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 AFFORDED BY THIS COPY.

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

Effective Date of  
this Endorsement January 1, 1988 To form a part of Certificate No. M-10  
Issued to Southern California Edison Company and San Diego Gas & Electric Company  
Date of Issue December 15, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By J. S. Quattrocchi

Countersigned by \_\_\_\_\_

Endorsement No. 9

Authorized Representative

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1988

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. Quattrocchi*  
JOHN L. QUATROCCHI  
VICE PRESIDENT-LIABILITY UNDERWRITING  
AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1988 To form a part of Certificate No N-10  
12:01 A.M. Standard Time

Issued to Southern California Edison Company and San Diego Gas & Electric Company

Date of Issue December 15, 1987

For the Subscribing companies

By *John L. Quattrocchi*  
General Manager

Endorsement No 9

Countersigned by \_\_\_\_\_

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1988

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 AFFORDED BY THIS COPY.

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

Effective Date of this Endorsement January 1, 1988 To form a part of Certificate No. M-81  
Issued to Southern California Edison Company and San Diego Gas & Electric Company and the City of Anaheim and the City of Riverside  
Date of Issue December 15, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By J. S. Quattrocchi

Countersigned by \_\_\_\_\_

Endorsement No. 8

Authorized Representative

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1988

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 E. NATADOGCHI  
VICE PRESIDENT-LIABILITY UNDERWRITING  
AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1988 To form a part of Certificate No N-81  
12:01 A.M. Standard Time

Southern California Edison Company and San Diego Gas & Electric Company and the  
Issued to City of Anaheim and the City of Riverside

Date of Issue December 15, 1987

For the Subscribing companies

By   
General Manager

Endorsement No 8

Countersigned by \_\_\_\_\_

NUCLEAR ENERGY LIABILITY INSURANCE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1988

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 AFFORDED BY THIS COPY.

*J. E. Quattrocchi*  
JOHN L. QUATTROCCHI  
VICE PRESIDENT-LIABILITY UNDERWRITING  
AMERICAN NUCLEAR INSURERS

Effective Date of this Endorsement January 1, 1988 To form a part of Certificate No. M-87  
Issued to Southern California Edison Company and San Diego Gas & Electric Company  
and the City of Anaheim and the City of Riverside  
Date of Issue December 15, 1987

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By *J. E. Quattrocchi*

Countersigned by \_\_\_\_\_

Endorsement No. 7

Authorized Representative

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1988

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.

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

Effective Date of this Endorsement January 1, 1988 To form a part of Certificate No N-87

12:01 A.M. Standard Time

Issued to Southern California Edison Company and San Diego Gas & Electric Company and the City of Anaheim and the City of Riverside

Date of Issue December 15, 1987

For the Subscribing companies

By *[Signature]*  
General Manager

Endorsement No 7

Countersigned by \_\_\_\_\_