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ACCESSION NBR: 8901310338 DOC. DATE: 89/01/23 NOTARIZED: NO DOCKET #
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530
 AUTH. NAME AUTHOR AFFILIATION
 KARNER, D.B. Arizona Nuclear Power Project (formerly Arizona Public Serv
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards Endorsement 50 & 51 to NELIA Policy NF-266 &
 Endorsement 32 & 33 to MAELU Policy MF-116.

DISTRIBUTION CODE: M001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 14
 TITLE: Insurance: Indemnity/Endorsement Agreements

NOTES: Standardized plant. 05000528
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Arizona Nuclear Power Project

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161-01639-DBK/JRP

January 23, 1989

Docket Nos. STN 50-528/529/530

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

Dear Sirs:

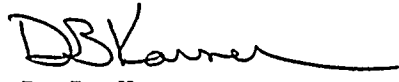
Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2 and 3
Nuclear Liability Insurance
File: 89-A-056-026

Pursuant to 10CFR140.15 and Section 2(6)(iii) of the Operating License(s), enclosed are two certified copies each of the following listed endorsements to the PVNGS nuclear liability policies:

<u>POLICY</u>	<u>ENDORSEMENT</u>
ANI No. NF-266	50,51
MAELU No. MF-166	32,33
ANI No. MW-160	4
ANI No. MW-86	4
ANI No. N-88	11
MAELU No. M-88	11
ANI No. N-107	11
MAELU No. M-107	11
ANI No. N-114	7
MAELU No. M-114	7

The enclosed endorsements are for your records. Should you have any questions please call.

Very truly yours,


D. B. Karner
Executive Vice President

8901310338 890123
PDR ADDOCK 05000528
J PNU

DBK/JRP/v1b
Attachments

cc: G. W. Knighton (all w/a)
M. J. Davis
T. L. Chan
T. J. Polich
J. B. Martin

Mool

U.S. Nuclear Regulatory Commission
Page 2

161-01639-DBK/JRP
January 23, 1989

bcc: N. L. Cocanour (2350)
J. D. Brackney (2352)
J. J. Hardy (2352)
W. F. Quinn (7035)
A. C. Rogers (7048)
R. A. Bernier (7048)

Nuclear Energy Liability Insurance
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

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

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.


JOHN V. QUATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement January 1, 1989 To form a part of Certificate No. M-114
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By 

Endorsement No. 7

Countersigned by _____

Amato 13-6

Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

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

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.


JOHN A. QUATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement January 1, 1989 To form a part of Certificate No. N-114
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

By


PRESIDENT

Endorsement No. 7

Countersigned by _____

Attest: *[Signature]*

Nuclear Energy Liability Insurance
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

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

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J. S. Quattrocchi
JOHN QUATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement January 1, 1989 To form a part of Certificate No. M-107
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By *J. S. Quattrocchi*

Endorsement No. 11

Countersigned by _____

Attaleo. S. J.

Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

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

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.


JOHN L. DIASTRO
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement January 1, 1989 To form a part of Certificate No. N-107
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

By 

PRESIDENT

Endorsement No. 11

Countersigned by _____

4-2-60.23.6

Nuclear Energy Liability Insurance
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

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

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.

J. S. Quattrocchi
JOHN S. QUATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement January 1, 1989 To form a part of Certificate No. M-88
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By *J. S. Quattrocchi*

Endorsement No. 11

Countersigned by _____

4-2-50

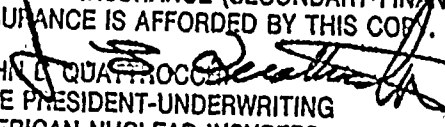
Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ANNUAL PREMIUM ENDORSEMENT

Calendar Year 1989

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

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION). NO INSURANCE IS AFFORDED BY THIS COPY.


JOHN C. QUATTROCCHI
VICE PRESIDENT-UNDERWRITING
AMERICAN NUCLEAR INSURERS

Effective Date of
this Endorsement January 1, 1989 To form a part of Certificate No. N-88
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

By 

PRESIDENT

Endorsement No. 11

Countersigned by _____

4-2-1960

Nuclear Energy Liability Insurance
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

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

\$ 15,592.00

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

\$ 12,474.00 This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability 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, 1989 To form a part of Certificate No. MW-86
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By J. L. Quattrocchi

Endorsement No. 4

Countersigned by _____

4-13-50

Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

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

\$ 53,708.00

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

\$ 42,966.00 This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability 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, 1989 To form a part of Certificate No. NW-160
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

By 
PRESIDENT

Endorsement No. 4

Countersigned by _____

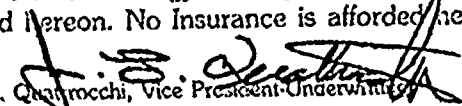
4-13-50

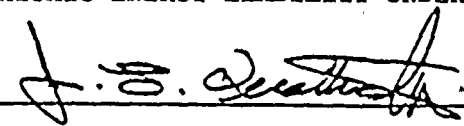
Nuclear Energy Liability Insurance
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

AMENDMENT OF CONDITION 4

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

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


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

Effective Date of this Endorsement August 31, 1988 To form a part of Policy No MF-116
12:01 A.M. Standard Time
Issued to Arizona Public Service Company, et al
Date of Issue December 15, 1988 For the Subscribing Companies
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS
By 
Endorsement No 33 Countersigned by _____
Authorized Representative

~~Handwritten signature~~ 6.5.7

Nuclear Energy Liability Insurance
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

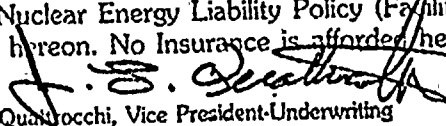
1. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is:

\$ 226,157.00

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:

\$ 171,204.00

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. Quattrocchi, Vice President-Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1989 To form a part of Policy No. MF-116
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

By 

Countersigned by _____
Authorized Representative

Endorsement No. 32

Aug 1934
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Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

AMENDMENT OF CONDITION 4

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

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

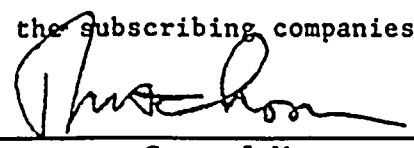

John L. Quattrocchi, Vice President-Underwriting
American Nuclear Insurers

Effective Date of
this Endorsement August 31, 1988 To form a part of Policy No NF-266
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the subscribing companies

By 
General Manager

Endorsement No 51

Countersigned by _____

Amesbury

Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1989

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

\$ 778,985.00

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:

\$ 589,704.00

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. Quattrocchi, Vice President-Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1989 To form a part of Policy No. NF-266
12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue December 15, 1988

For the Subscribing Companies.

By  General Manager

Countersigned by _____
Authorized Representative

Endorsement No. 50

4-5-54

10-10-54