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AUTH. NAME AUTHOR AFFILIATION  
KARNER, D.B. Arizona Nuclear Power Project (formerly Arizona Public Serv  
RECIP. NAME RECIPIENT AFFILIATION  
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SUBJECT: Forwards Endorsement 10 to NELIA Certificates N-88 & N-107 &  
Endorsement 10 to MAELU Certificates M-88 & M-107.

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## Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

161-01511-DBK/JRP

November 30, 1988

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 Program-Secondary  
Financial Protection  
File: 88-A-056-026

Pursuant to 10CFR140.15 and Section 2(6)(iii) of the Operating License(s), enclosed are two certified copies each of Endorsement No. 10 to Certificate Nos. N-88 and M-88, Endorsement No. 10 to Certificate Nos. N-107 and M-107, and Endorsement No. 6 to Certificate Nos. N-114 and M-114. These Endorsements supersede previous Endorsements No. 9, 9 and 5 submitted to you by letter dated October 26, 1988 (161-01426-DBK/JRP).

Should you have any questions, please call.

Very truly yours,

D. B. Karner  
Executive Vice President

DBK/JRP/dlm

Attachments:

Certificate Nos. N-88 and M-88, Endorsement No. 10  
Certificate Nos. N-107 and M-107, Endorsement No. 10  
Certificate Nos. N-114 and M-114, Endorsement No. 6

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

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PDR ADOCK 05000528  
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Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-88  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF-266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF-116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.

17.2

- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

- (a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

- (b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of this Endorsement September 1, 1988 To form a part of of Certificate No. N-88  
12:01 A.M. Standard Time  
Issued to Arizona Public Service Company, et al

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 QUATTROCCHI  
VICE PRESIDENT-UNDERWRITING  
AMERICAN NUCLEAR INSURERS  
Endorsement No. 10

For the Subscribing Companies

By

General Manager

Countersigned by

17. 11. 1974

2. 11. 1974



Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-88  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF-266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF-116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement September 1, 1988

To form a part of  
of Certificate No. N-88

12:01 A.M. Standard Time  
Issued to Arizona Public Service Company, et al

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, DATED SEPTEMBER 1, 1988, ISSUED 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  
Endorsement No. 10

For the Subscribing Companies

By [Signature]

General Manager

Countersigned by [Signature]

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Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-88  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF-266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF-116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



(2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement

September 1, 1988

To form a part of  
of Certificate No. M-88

12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue October 19, 1988

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.

Original Subscribing Companies  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

JOHN L. QUATTROCCI  
VICE PRESIDENT-UNDERWRITING  
AMERICAN SOUTHERN INSURERS 10

By

Countersigned by

Authorized Representative

JAN 12 1960  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.  
OFFICE OF THE SECRETARY

*Handwritten signature*  
6.3.6



Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-88  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

- (1) Facility Form Policies
  - (i) Nuclear Energy Liability Insurance Association's Policy NF- 266  
\$155,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Policy MF- 116  
\$ 45,000,000
- (2) Master Worker Policies (Facility Worker Form)
  - (i) Nuclear Energy Liability Insurance Association's Master Worker Policy NMWP-1  
\$124,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Master Worker Policy MMWP-1  
\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

- (1) Waiver of Defenses Endorsement (Extraordinary Nuclear Occurrence) and
- (2) Supplementary Endorsement - Waiver of Defenses - Reactor Construction at the Facility.

(c) Sharing of limit(s) of liability provided under the primary financial protection.

- (1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement

September 1, 1988

To form a part of  
of Certificate No. M-88

12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue October 19, 1988

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 EQUATTROCCHI  
VICE PRESIDENT-UNDERWRITING  
AMERICAN OVERSEAS INSURERS 10

By

Countersigned by

Authorized Representative

4-10-55

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-107  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

- (1) Facility Form Policies
  - (i) Nuclear Energy Liability Insurance Association's Policy NF-266  
\$155,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Policy MF-116  
\$ 45,000,000
- (2) Master Worker Policies (Facility Worker Form)
  - (i) Nuclear Energy Liability Insurance Association's Master Worker Policy NMWP-1  
\$124,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Master Worker Policy MMWP-1  
\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

- (1) Waiver of Defenses Endorsement (Extraordinary Nuclear Occurrence) and
- (2) Supplementary Endorsement - Waiver of Defenses - Reactor Construction at the Facility.

(c) Sharing of limit(s) of liability provided under the primary financial protection.

- (1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement

September 1, 1988

To form a part of  
of Certificate No. N-107

12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL  
CERTIFICATE, ISSUING OCTOBER 18, 1988, REPRODUCED 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-UNDERWRITING  
AMERICAN NUCLEAR INSURERS  
Endorsement No. 10

For the Subscribing Companies

By Thomas F. Hartley, Jr.  
General Manager

Countersigned by Thomas F. Hartley, Jr.

225

225



Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-107  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF-266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF-116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form, policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.

12. 6



12. 6

(2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement September 1, 1988

To form a part of  
of Certificate No. N-107

12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

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-UNDERWRITING  
AMERICAN NUCLEAR INSURERS

Endorsement No. 10

For the Subscribing Companies

By Thomas F. Hartley, Jr.  
General Manager

Countersigned by Thomas F. Hartley, Jr.

1947

4. 10. 1947

Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-107  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

- (1) Facility Form Policies
  - (i) Nuclear Energy Liability Insurance Association's Policy NF- 266  
\$155,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Policy MF- 116  
\$ 45,000,000
- (2) Master Worker Policies (Facility Worker Form)
  - (i) Nuclear Energy Liability Insurance Association's Master Worker Policy NMWP-1  
\$124,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Master Worker Policy MMWP-1  
\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

- (1) Waiver of Defenses Endorsement (Extraordinary Nuclear Occurrence) and
- (2) Supplementary Endorsement - Waiver of Defenses - Reactor Construction at the Facility.

(c) Sharing of limit(s) of liability provided under the primary financial protection.

- (1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.

2.

7.

- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or

- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement September 1, 1988  
12:01 A.M. Standard Time

To form a part of  
of Certificate No. M-107

Issued to Arizona Public Service Company, et al

Date of Issue October 19, 1988

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-UNDERWRITING  
AMERICAN NUCLEAR INSURERS  
Endorsement No. 10

By

Countersigned by

Authorized Representative

100

4-20-65



Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-107  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 9 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

- (1) Facility Form Policies
  - (i) Nuclear Energy Liability Insurance Association's Policy NF- 266  
\$155,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Policy MF- 116  
\$ 45,000,000

- (2) Master Worker Policies (Facility Worker Form)
  - (i) Nuclear Energy Liability Insurance Association's Master Worker Policy NMWP-1  
\$124,000,000
  - (ii) Mutual Atomic Energy Liability Underwriters' Master Worker Policy MMWP-1  
\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

- (1) Waiver of Defenses Endorsement (Extraordinary Nuclear Occurrence) and
- (2) Supplementary Endorsement - Waiver of Defenses - Reactor Construction at the Facility.

(c) Sharing of limit(s) of liability provided under the primary financial protection.

- (1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



(2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of this Endorsement September 1, 1988 To form a part of of Certificate No. M-107  
12:01 A.M. Standard Time  
Issued to Arizona Public Service Company, et al

Date of Issue October 19, 1988

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER DESIGNATED HEREON, FOR THE Subscribing Companies INSURANCE COVERAGE UNDER THE MASTER POLICY-NUCLEAR ENERGY LIABILITY INSURANCE (SECONDARY FINANCIAL PROTECTION), MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS INSURANCE IS AFFORDED BY THE COMPANY.

JOHN L. QUATTROCCHI  
VICE PRESIDENT-UNDERWRITING  
AMERICAN NUCLEAR INSURERS 10

By

Countersigned by

Authorized Representative

4-10-56

Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-114  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 5 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF-266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF-116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of.
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement September 1, 1988

To form a part of  
of Certificate No. N-114

12:01 A.M. Standard Time  
Issued to Arizona Public Service Company, et al

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-UNDERWRITING  
AMERICAN NUCLEAR INSURERS  
Endorsement No. 6

For the Subscribing Companies

By

General Manager

Countersigned by

*Thomas F. Hartley, Jr.*

100-100000

100-100000



Nuclear Energy Liability Insurance  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ENDORSEMENT TO CERTIFICATE NO. N-114  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 5 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF-266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF-116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.

شماره ۱۲۳  
تاریخ ۱۳۹۰/۰۵/۰۱

۱۲۳

- (2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

- (a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of.
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

- (b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of this Endorsement September 1, 1988 To form a part of of Certificate No. N-114  
12:01 A.M. Standard Time  
Issued to Arizona Public Service Company, et al

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE, BEARING THE NUMBER 18-1988 ASSIGNED 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-UNDERWRITING  
AMERICAN NUCLEAR INSURERS  
Endorsement No. 6

For the Subscribing Companies

By [Signature]  
General Manager

Countersigned by Thomas F. Hartley, Jr.

4-2-6

Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-114  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 5 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF- 266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF- 116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



(2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
  - (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
  - (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of  
this Endorsement

September 1, 1988

To form a part of  
of Certificate No. M-114

12:01 A.M. Standard Time

Issued to Arizona Public Service Company, et al

Date of Issue October 19, 1988

THIS IS TO CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL Subscribing Companies  
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 THE COMPANY.

JOHN L. QUATTROCCHI  
VICE PRESIDENT-UNDERWRITING  
AMERICAN NUCLEAR INSURERS 6

By

Countersigned by

Authorized Representative

1032

4-5-56



Nuclear Energy Liability Insurance  
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

ENDORSEMENT TO CERTIFICATE NO. M-114  
Forming Part of Master Policy No. 1  
Nuclear Energy Liability Insurance  
(Secondary Financial Protection)

It is agreed that Endorsement No. 5 attached to this Certificate is deleted and the following replaces that endorsement:

Effective September 1, 1988, it is agreed that

1. Item 4. of this certificate is amended to read as follows:

Item 4. (a) Identification of primary financial protection applicable to the nuclear reactor and limit(s) of liability thereof:

(1) Facility Form Policies

(i) Nuclear Energy Liability Insurance  
Association's Policy NF- 266

\$155,000,000

(ii) Mutual Atomic Energy Liability Under-  
writers' Policy MF- 116

\$ 45,000,000

(2) Master Worker Policies (Facility Worker  
Form)

(i) Nuclear Energy Liability Insurance  
Association's Master Worker Policy  
NMWP-1

\$124,000,000

(ii) Mutual Atomic Energy Liability  
Underwriters' Master Worker Policy  
MMWP-1

\$ 36,000,000

(b) The following endorsements attached to the Facility Form policies identified in subsection (a)(1) above also apply to the insurance afforded by this Master Policy through this certificate as though they were attached hereto:

(1) Waiver of Defenses Endorsement  
(Extraordinary Nuclear Occurrence) and

(2) Supplementary Endorsement - Waiver of  
Defenses - Reactor Construction at the  
Facility.

(c) Sharing of limit(s) of liability provided under  
the primary financial protection.

(1) The limit of liability provided under each Facility Form policy identified in subsection (a)(1) above is shared among all nuclear reactors on the location described in Item 3 of the Declarations of such policy.



(2) The limit of liability provided under each Master Worker Policy (Facility Worker Form) identified in subsection (a)(2) above is shared among all insureds under all Certificates of Insurance issued to be a part of the Master Worker Policies.

2. Only with respect to such insurance as is afforded under this certificate, the first paragraph of Condition 6, PRIMARY FINANCIAL PROTECTION of the Master Policy - Nuclear Energy Liability Insurance (Secondary Financial Protection), is amended to read as follows:

Regardless of the number of policies or contracts of primary financial protection applicable to a nuclear incident, the limit of

(a) all Facility Form Policies identified in Item 4 (a)(i) of

- (1) this certificate or any other certificate having an endorsement similar to this endorsement attached to it shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under all such policies, or
- (ii) two hundred million dollars;

- (2) a certificate, other than this certificate or a certificate which has a provision identical to (a)(1) above, shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of
- (i) the sum of the limit of liability under said policies, or
- (ii) one hundred sixty million dollars;

(b) all Master Worker Policies (Facility Worker Form) identified in Item 4(a)(2) of a certificate shall be deemed to be exhausted when the sums paid under said policies are equal to the lesser of

- (1) the sum of the limit of liability available under all such Master Worker Policies, or
- (2) one hundred sixty million dollars plus the amount of all automatic reinstatements of the Policy Aggregate Limit under such policies.

Effective Date of this Endorsement September 1, 1988 To form a part of of Certificate No. M-114

12:01 A.M. Standard Time  
Issued to Arizona Public Service Company, et al

Date of Issue October 19, 1988

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. QUATTROCCCHI  
VICE PRESIDENT-UNDERWRITING  
AMERICAN NUCLEAR INSURERS 6

By

Countersigned by

Authorized Representative

Handwritten mark or signature in the top right corner.

Handwritten signature or mark in the bottom right corner.