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 50-316 Donald C. Cbpk Nuclear Power Plant, Unit 2, Indiana & 05000316

AUTH. NAME: AUTHOR: AFFILIATION:
 BUCKLES, J. Marsh & McLennan, Inc.
 RECIPIENT NAME: RECIPIENT AFFILIATION:
 SALITZMAN, J. Assistant Director for State & Licensee Relations

SUBJECT: Forwards Endorsement 57 to NELIA Policy NF-206 & Endorsement
 46 to MAELU Policy MF-79.

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 TITLE: Insurance: Indemnity/Endorsement Agreements

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**Marsh &
McLennan**

Marsh & McLennan, Incorporated
222 South Riverside Plaza
Chicago, Illinois 60606
Telephone 312 648-6000

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PDR ADDCK 05000315
J PDR

April 28, 1983

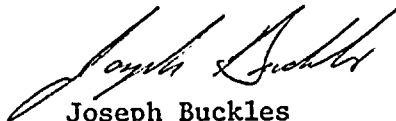
Mr. Jerome Saltzman
Assistant Director
State & Licensee Relations
Office of State Programs
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

RE: AMERICAN ELECTRIC POWER COMPANY
INDIANA & MICHIGAN ELECTRIC COMPANY
D. C. COOK NUCLEAR PLANT
ANI POLICY NO. NF-206
ENDORSEMENT NO. 57
MAELU POLICY NO. MF-79
ENDORSEMENT NO. 46

Dear Mr. Saltzman:

On behalf of American Electric Power Company, enclosed
please find eight certified copies of the captioned
endorsement.

Very truly yours



Joseph Buckles
Nuclear Consultant

JB:sp
Encl.

cc: D. W. Payne - AEP
S. G. Amerman, Jr. - M&M Columbus
M. Nadel - M&MNC Chicago

Mool



Nuclear Energy Liability Insurance
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 1982

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

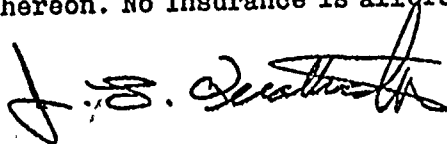
are amended to read:

1a. ADVANCE PREMIUM: It is agreed that the Advance Premium due the companies for the period designated above is: \$ 423,130.63.

1b. 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: \$ 319,254.28.

Additional Premium: \$ 33,181.63.

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.



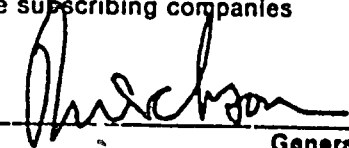
John L. Quattrocchi, Vice President-Liability Underwriting
American Nuclear Insurers

Effective Date of this Endorsement January 1, 1982. To form a part of Policy No. NF-206

Issued to Indiana & Michigan Electric Company 12:01 A.M. Standard Time

Date of Issue April 20, 1983

For the subscribing companies

By  General Manager

Endorsement No. 57
NE-36

Countersigned by _____

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1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

Name	Address
Mr. A. B. C.	123 Main St., New York, N. Y.
Mr. D. E. F.	456 Broadway, New York, N. Y.
Mr. G. H. I.	789 Fifth Ave., New York, N. Y.
Mr. J. K. L.	1010 Third Ave., New York, N. Y.
Mr. M. N. O.	1111 Second Ave., New York, N. Y.
Mr. P. Q. R.	1212 First Ave., New York, N. Y.
Mr. S. T. U.	1313 West 125th St., New York, N. Y.
Mr. V. W. X.	1414 East 125th St., New York, N. Y.
Mr. Y. Z. A.	1515 Central Ave., New York, N. Y.
Mr. B. C. D.	1616 Union Ave., New York, N. Y.
Mr. E. F. G.	1717 Madison Ave., New York, N. Y.
Mr. H. I. J.	1818 Park Ave., New York, N. Y.
Mr. K. L. M.	1919 Lexington Ave., New York, N. Y.
Mr. N. O. P.	2020 Fifth Ave., New York, N. Y.
Mr. Q. R. S.	2121 Third Ave., New York, N. Y.
Mr. T. U. V.	2222 Second Ave., New York, N. Y.
Mr. W. X. Y.	2323 First Ave., New York, N. Y.
Mr. Z. A. B.	2424 West 125th St., New York, N. Y.
Mr. C. D. E.	2525 East 125th St., New York, N. Y.
Mr. F. G. H.	2626 Central Ave., New York, N. Y.
Mr. I. J. K.	2727 Union Ave., New York, N. Y.
Mr. L. M. N.	2828 Madison Ave., New York, N. Y.
Mr. O. P. Q.	2929 Park Ave., New York, N. Y.
Mr. R. S. T.	3030 Lexington Ave., New York, N. Y.
Mr. U. V. W.	3131 Fifth Ave., New York, N. Y.
Mr. X. Y. Z.	3232 Third Ave., New York, N. Y.
Mr. A. B. C.	3333 Second Ave., New York, N. Y.
Mr. D. E. F.	3434 First Ave., New York, N. Y.
Mr. G. H. I.	3535 West 125th St., New York, N. Y.
Mr. J. K. L.	3636 East 125th St., New York, N. Y.
Mr. M. N. O.	3737 Central Ave., New York, N. Y.
Mr. P. Q. R.	3838 Union Ave., New York, N. Y.
Mr. S. T. U.	3939 Madison Ave., New York, N. Y.
Mr. V. W. X.	4040 Park Ave., New York, N. Y.
Mr. Y. Z. A.	4141 Lexington Ave., New York, N. Y.
Mr. B. C. D.	4242 Fifth Ave., New York, N. Y.
Mr. E. F. G.	4343 Third Ave., New York, N. Y.
Mr. H. I. J.	4444 Second Ave., New York, N. Y.
Mr. K. L. M.	4545 First Ave., New York, N. Y.
Mr. N. O. P.	4646 West 125th St., New York, N. Y.
Mr. Q. R. S.	4747 East 125th St., New York, N. Y.
Mr. T. U. V.	4848 Central Ave., New York, N. Y.
Mr. W. X. Y.	4949 Union Ave., New York, N. Y.
Mr. Z. A. B.	5050 Madison Ave., New York, N. Y.
Mr. C. D. E.	5151 Park Ave., New York, N. Y.
Mr. F. G. H.	5252 Lexington Ave., New York, N. Y.
Mr. I. J. K.	5353 Fifth Ave., New York, N. Y.
Mr. L. M. N.	5454 Third Ave., New York, N. Y.
Mr. O. P. Q.	5555 Second Ave., New York, N. Y.
Mr. R. S. T.	5656 First Ave., New York, N. Y.
Mr. U. V. W.	5757 West 125th St., New York, N. Y.
Mr. X. Y. Z.	5858 East 125th St., New York, N. Y.
Mr. A. B. C.	5959 Central Ave., New York, N. Y.
Mr. D. E. F.	6060 Union Ave., New York, N. Y.
Mr. G. H. I.	6161 Madison Ave., New York, N. Y.
Mr. J. K. L.	6262 Park Ave., New York, N. Y.
Mr. M. N. O.	6363 Lexington Ave., New York, N. Y.
Mr. P. Q. R.	6464 Fifth Ave., New York, N. Y.
Mr. S. T. U.	6565 Third Ave., New York, N. Y.
Mr. V. W. X.	6666 Second Ave., New York, N. Y.
Mr. Y. Z. A.	6767 First Ave., New York, N. Y.
Mr. B. C. D.	6868 West 125th St., New York, N. Y.
Mr. E. F. G.	6969 East 125th St., New York, N. Y.
Mr. H. I. J.	7070 Central Ave., New York, N. Y.
Mr. K. L. M.	7171 Union Ave., New York, N. Y.
Mr. N. O. P.	7272 Madison Ave., New York, N. Y.
Mr. Q. R. S.	7373 Park Ave., New York, N. Y.
Mr. T. U. V.	7474 Lexington Ave., New York, N. Y.
Mr. W. X. Y.	7575 Fifth Ave., New York, N. Y.
Mr. Z. A. B.	7676 Third Ave., New York, N. Y.
Mr. C. D. E.	7777 Second Ave., New York, N. Y.
Mr. F. G. H.	7878 First Ave., New York, N. Y.
Mr. I. J. K.	7979 West 125th St., New York, N. Y.
Mr. L. M. N.	8080 East 125th St., New York, N. Y.
Mr. O. P. Q.	8181 Central Ave., New York, N. Y.
Mr. R. S. T.	8282 Union Ave., New York, N. Y.
Mr. U. V. W.	8383 Madison Ave., New York, N. Y.
Mr. X. Y. Z.	8484 Park Ave., New York, N. Y.
Mr. A. B. C.	8585 Lexington Ave., New York, N. Y.
Mr. D. E. F.	8686 Fifth Ave., New York, N. Y.
Mr. G. H. I.	8787 Third Ave., New York, N. Y.
Mr. J. K. L.	8888 Second Ave., New York, N. Y.
Mr. M. N. O.	8989 First Ave., New York, N. Y.
Mr. P. Q. R.	9090 West 125th St., New York, N. Y.
Mr. S. T. U.	9191 East 125th St., New York, N. Y.
Mr. V. W. X.	9292 Central Ave., New York, N. Y.
Mr. Y. Z. A.	9393 Union Ave., New York, N. Y.
Mr. B. C. D.	9494 Madison Ave., New York, N. Y.
Mr. E. F. G.	9595 Park Ave., New York, N. Y.
Mr. H. I. J.	9696 Lexington Ave., New York, N. Y.
Mr. K. L. M.	9797 Fifth Ave., New York, N. Y.
Mr. N. O. P.	9898 Third Ave., New York, N. Y.
Mr. Q. R. S.	9999 Second Ave., New York, N. Y.
Mr. T. U. V.	10000 First Ave., New York, N. Y.

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

1. The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved.

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O from the H_2O_2 -loaded hydrogel. The amount of the released H_2O was measured by the weight change of the hydrogel. The concentration of the H_2O_2 solution was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1.0 wt. %.