

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

Docket No. 50-254

Indemnity Agreement No. B-47

This Indemnity Agreement No. B-47 is entered into by and between

COMMONWEALTH EDISON COMPANY AND
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

(hereinafter referred to as the "licensee") and the United States Atomic Energy Commission (hereinafter referred to as the "Commission") pursuant to subsection 170c of the Atomic Energy Act of 1954, as amended (hereinafter referred to as "the Act").

ARTICLE I

As used in this agreement:

1. "Nuclear reactor," "byproduct material," "person," "source material," and "special nuclear material" shall have the meanings given them in the Atomic Energy Act of 1954, as amended, and the regulations issued by the Commission.

2. Except where otherwise specifically provided, "amount of financial protection" means the amount specified in Item 2a and b, of the Attachment annexed hereto, as modified by paragraph 8, Article II, with respect to common occurrences.

3. (a) "Nuclear incident" means any occurrence, including an extraordinary nuclear occurrence, or series of occurrences at the location or in the course of transportation causing bodily injury, sickness, disease, or death, or loss of or damage to property, or loss of use of property, arising out of or resulting from the radioactive, toxic, explosive, or other hazardous properties of the radioactive material.

(b) Any occurrence, including an extraordinary nuclear occurrence, or series of occurrences causing bodily injury, sickness, disease, or death, or loss of or damage to property, or loss of use of property,

Indemnity

UNITED STATES ATOMIC ENERGY COMMISSION

ATTACHMENT

Indemnity Agreement No. B-47

Item 1 - Licensee: Commonwealth Edison Company and
Iowa-Illinois Gas and Electric Company
Address: One First National Plaza
P. O. Box 767
Chicago, Illinois 60690

Item 2 - Amount of financial protection:

a. \$1,000,000

b. With respect to any nuclear incident, the amount specified in Item 2a of this Attachment shall be deemed to be (i) reduced to the extent that any payment made by the insurer or insurers under a policy or policies specified in Item 5 of this Attachment reduces the aggregate amount of such insurance policies below the amount specified in Item 2a and (ii) restored to the extent that, following such reduction, the aggregate amount of such insurance policies is reinstated.

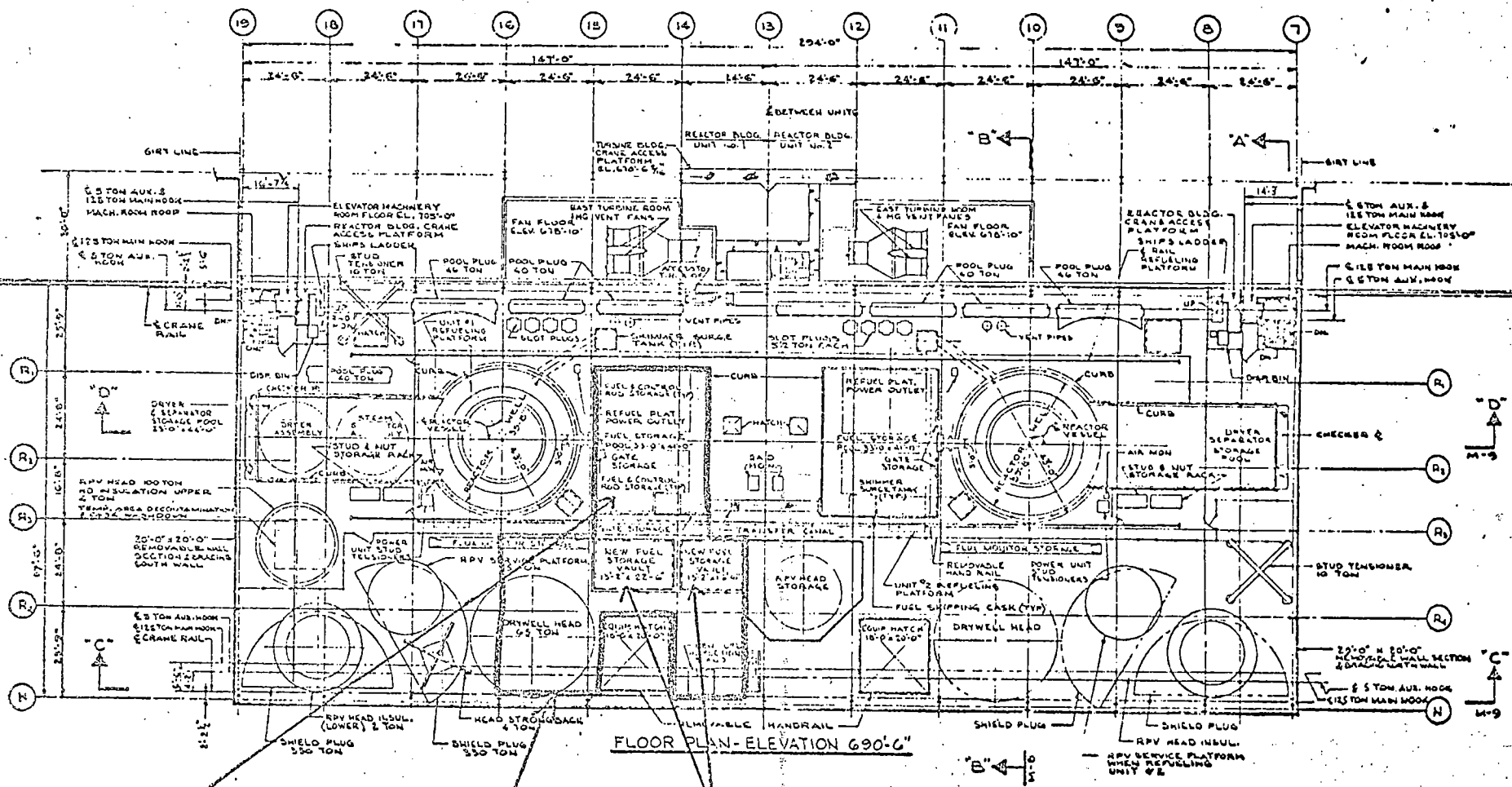
Item 3 - License number or numbers:

SNM-1213

Item 4 - Location:

The new fuel storage vault, the spent fuel storage pool and that part of the refueling floor adjacent to the new fuel inspection stand, as outlined and marked "Indemnified Area" on Figure 1, dated October 15, 1970, attached hereto and made a part hereof, of the Quad-Cities Station Unit 1, located in Rock Island County, Illinois.

OFFICE ▶						
SURNAME ▶						
DATE ▶						



Location of Spent
 Fuel Storage Pool

Location of New
 Fuel Storage Vault

Indemnified Area


Figure 1
 October 15, 1970

Item 5 - Insurance Policy No(s).:

Nuclear Energy Liability Policy (Facility Form)
No. NF-187, issued by the Nuclear Energy Liability
Insurance Association.


Item 6 - The indemnity agreement designated above, of which this
Attachment is a part, is effective as of 12:01 a.m., on
the 30th day of October 1970.

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION


Eber R. Price, Director
Division of State and Licensee Relations

FOR: COMMONWEALTH EDISON COMPANY

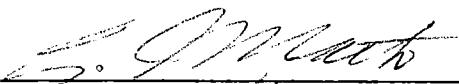
BY:



President

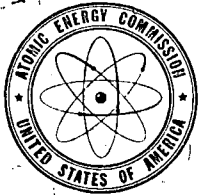
FOR: IOWA-ILLINOIS GAS AND ELECTRIC CO.

BY:



Vice President

Dated at Bethesda, Maryland
the 30th day of October 1970.



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 1

Effective MAR 23 1971, Indemnity Agreement No. B-47, dated October 30, 1970, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company and the Atomic Energy Commission is hereby amended as follows:

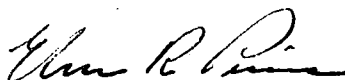
Item 3 of the Attachment to the indemnity agreement is amended by the addition of License Number SNM-1243.

Item 4 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 4 - Location

The new fuel storage vaults, the spent fuel storage pools, and that part of the refueling floor adjacent to the new fuel inspection stand, as outlined and marked "Indemnified Area" on Figure 1, dated March 15, 1971, attached hereto and made a part hereof, of the Quad Cities Station Units 1 and 2, located in Rock Island County, Illinois.

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION


Eber R. Price, Director
Division of State and Licensee Relations

Accepted April 1, 1971

By  Vice President
COMMONWEALTH EDISON COMPANY

Accepted April 17, 1971


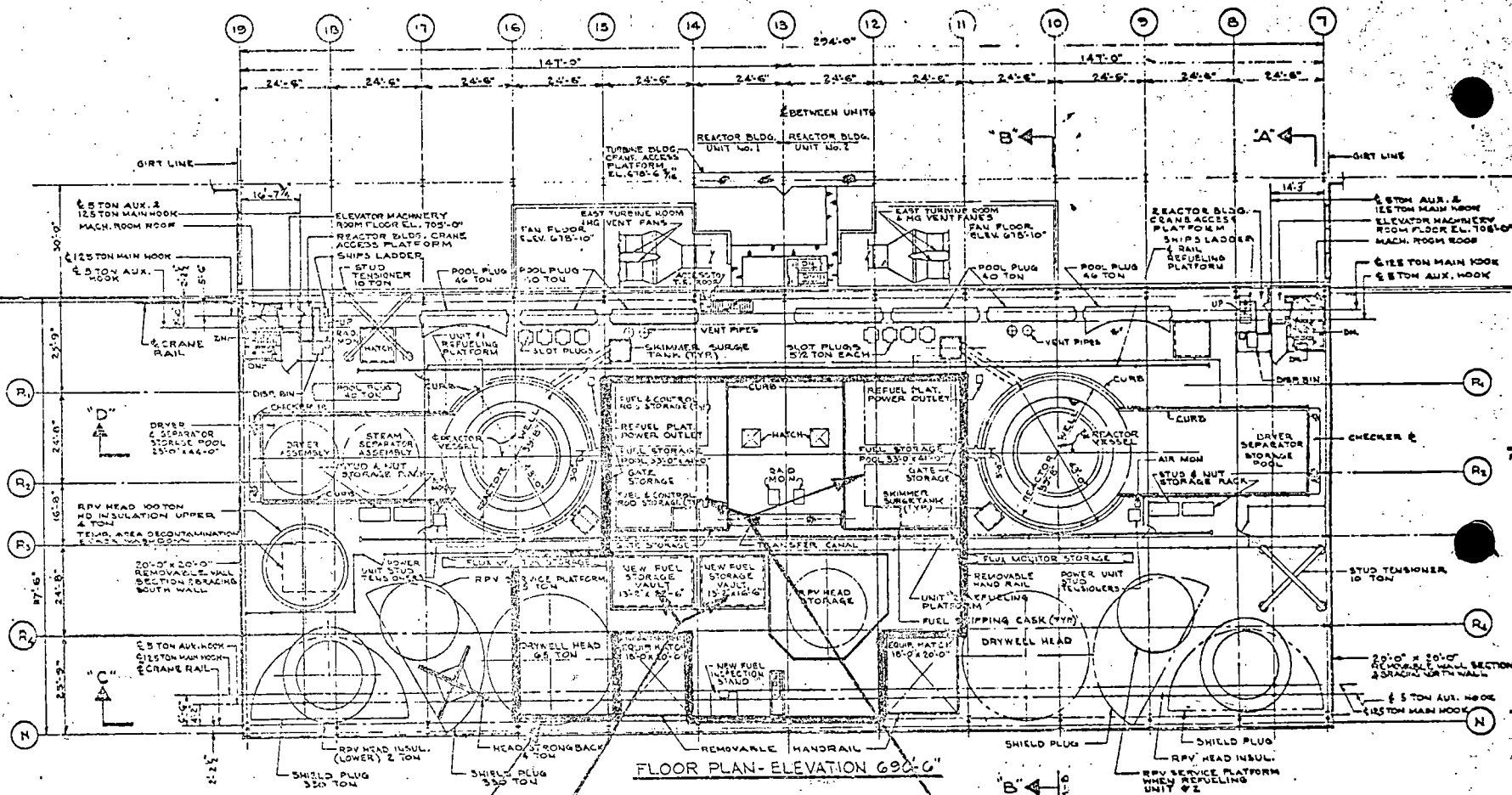
By  Vice President
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

Figure 1 is
 Figure 12.1.1
 from Q.C. FSAR



Indemnified Area

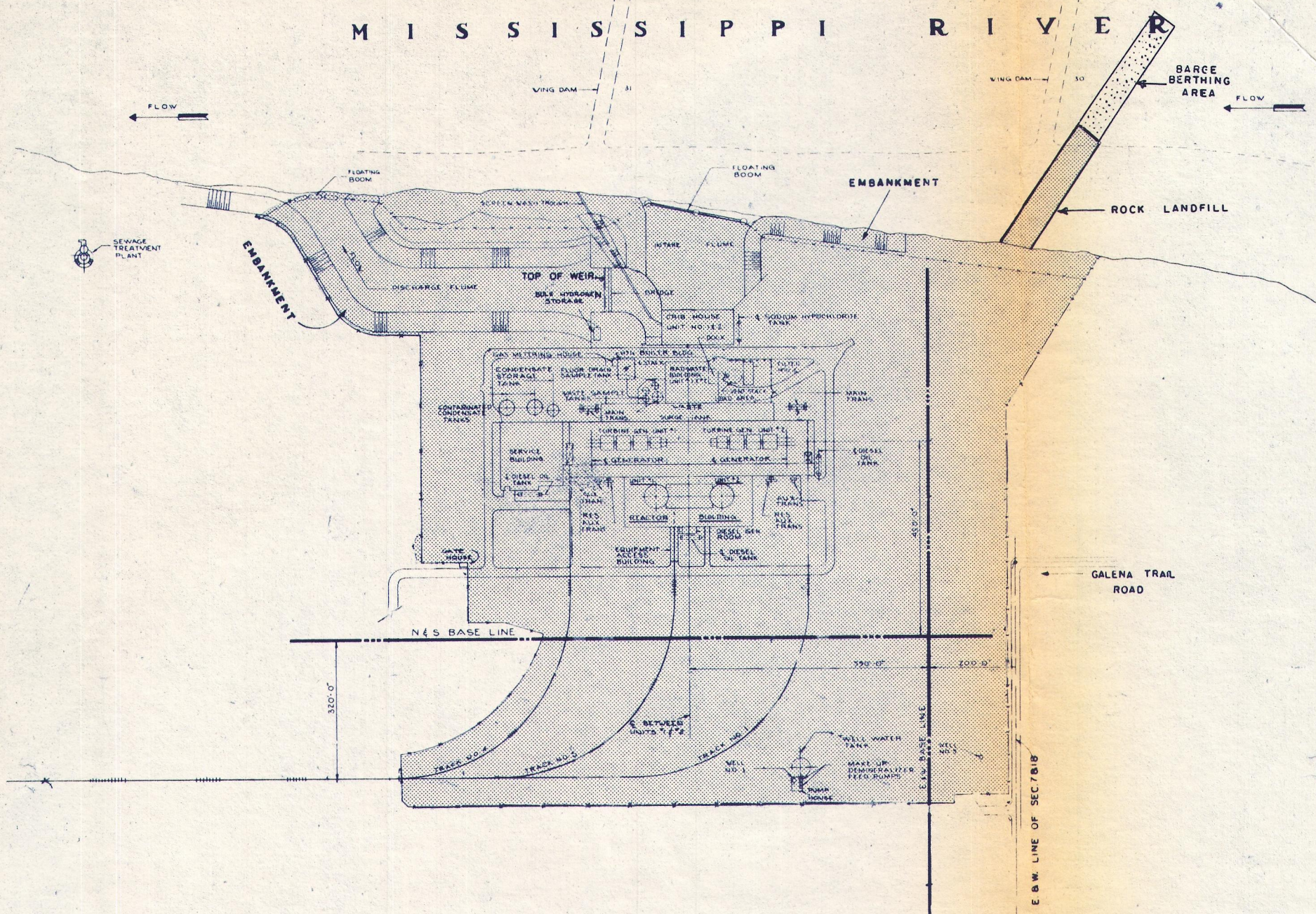
Location of Spent
 Fuel Storage Pool

Location of New
 Fuel Storage Vault

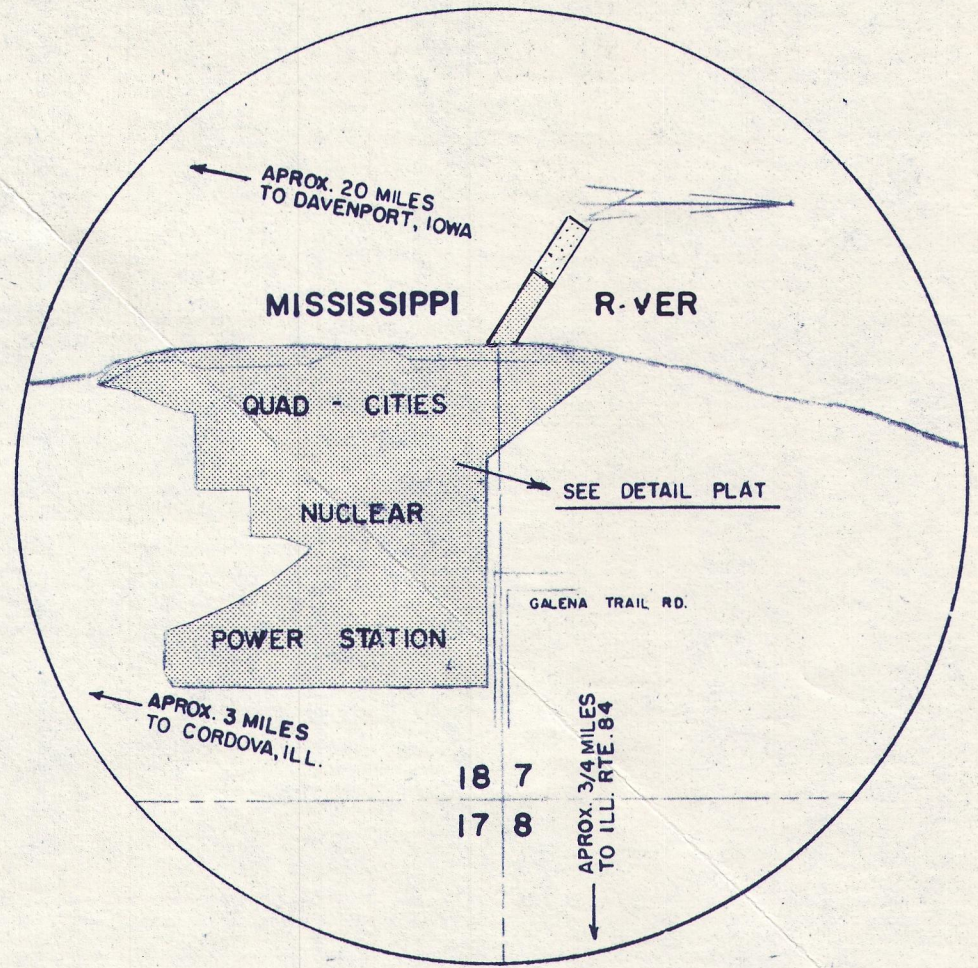
2068

March 15, 1971
 Figure 1

M I S S I S S I P P I R I V E R

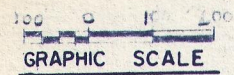


DETAIL PLAT



LOCATION PLAT

LEGEND
 -x-x- SECURITY FENCE

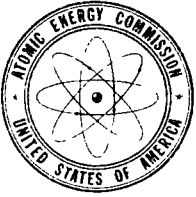


COMMONWEALTH EDISON CO.
 IOWA-ILLINOIS GAS & ELECTRIC CO.
 QUAD-CITIES NUCLEAR POWER STA.
 TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
 PRINCIPAL MERIDIAN, ROCK ISLAND CO. ILL.

REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
 REVISED: NOVEMBER 16, 1970

EXHIBIT "A"



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 2

Effective AUG 31 1971, Indemnity Agreement No. B-47, dated October 30, 1970, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, and the Atomic Energy Commission, as amended, is hereby further amended as follows:

Item 4 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 4 - Location

That part of the North Eighteen Hundred (1800) feet of the Northeast Fractional Quarter of Section Eighteen (18), lying easterly of the Mississippi River; also the South Two Hundred (200) feet of the Southeast Fractional Quarter of Section Seven (7) lying easterly of the Mississippi River; all in Township Twenty (20) North, Range Two (2) East of the Fourth Principal Meridian, Rock Island County, Illinois, being approximately three (3) miles north of the Village of Cordova and known as Quad-Cities Nuclear Power Station as indicated by shaded area on the Detail Plat dated November 16, 1970, attached hereto as Exhibit "A" and made a part thereof.

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION

Lyall Johnson

Lyall Johnson, Director
Division of State and Licensee Relations

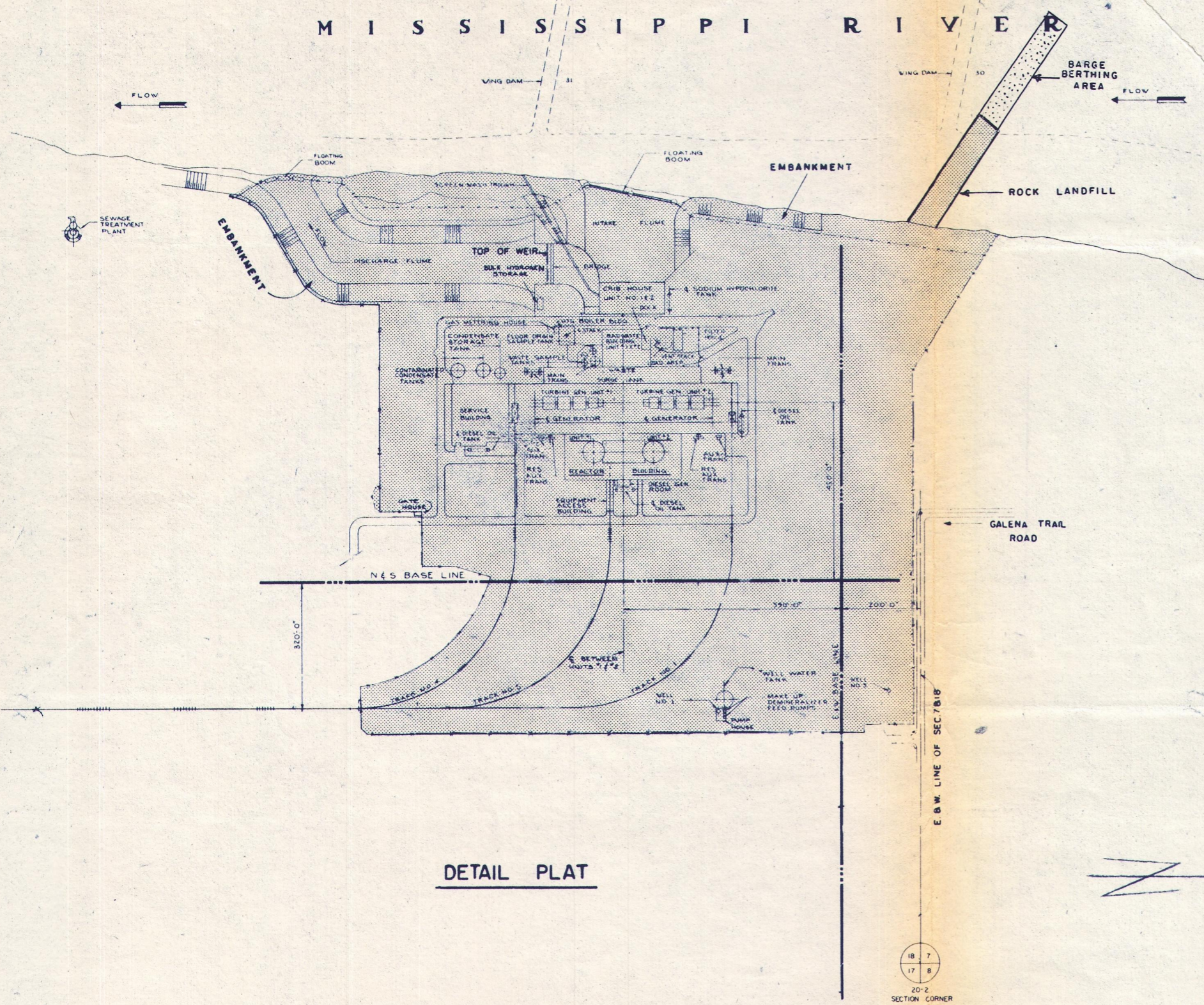
Accepted September 30, 1971

By *R. J. Schultz*, Vice President
Commonwealth Edison Company

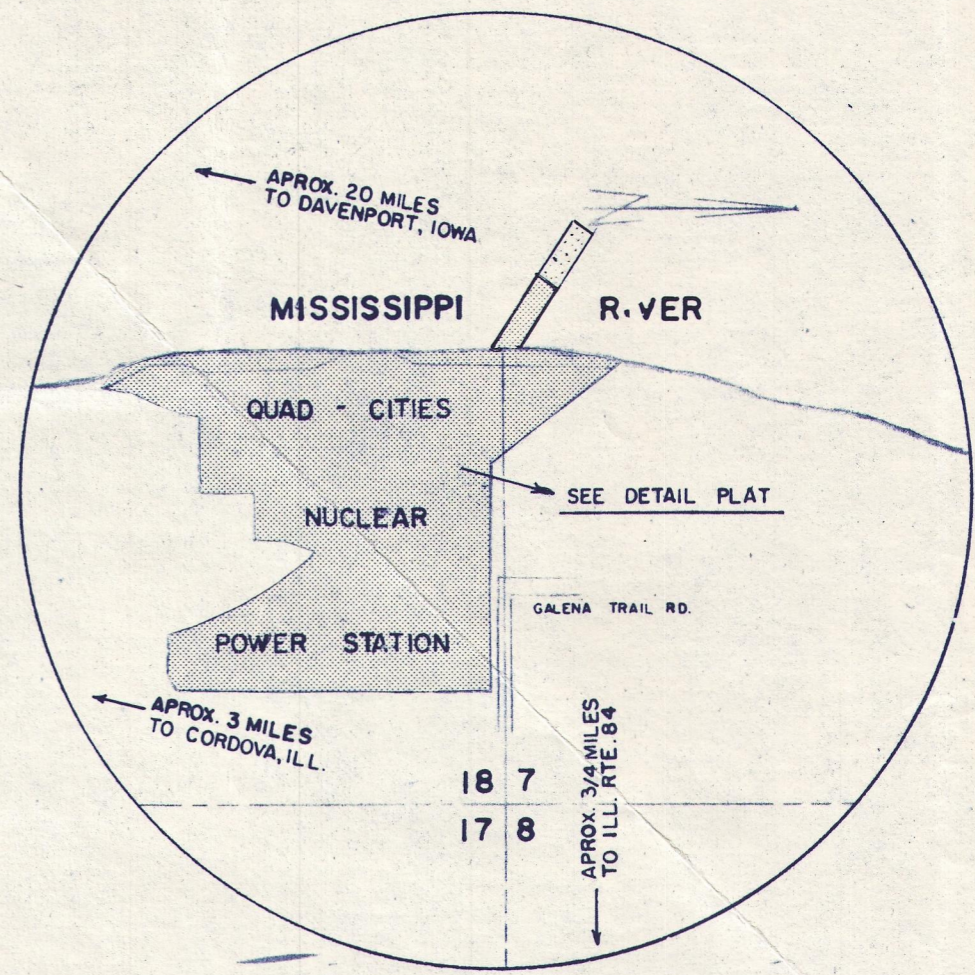
Accepted October 6, 1971

By *E. J. [Signature]* President
Iowa-Illinois Gas & Electric Company
and

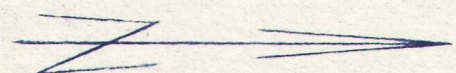
M I S S I S S I P P I R I V E R



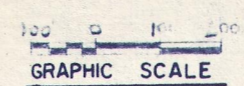
DETAIL PLAT



LOCATION PLAT



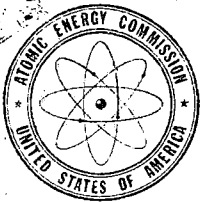
LEGEND
 -x-x- SECURITY FENCE



COMMONWEALTH EDISON CO.
 IOWA-ILLINOIS GAS & ELECTRIC CO.
 QUAD-CITIES NUCLEAR POWER STA.
 TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
 PRINCIPAL MERIDIAN, ROCK ISLAND CO. ILL.

REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
 REVISED: NOVEMBER 16, 1970



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 3

Effective OCT 1 1971 Indemnity Agreement No. B-47 dated October 30, 1970, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, and the Atomic Energy Commission as amended is hereby further amended as follows:

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefore.

Item 2 - Amount of financial protection

- a. \$1,000,000 (From 12:01 a.m., October 30, 1970, to
12:00 midnight SEP 30 1971, inclusive)
\$82,000,000 (From 12:01 a.m., OCT 1 1971)

Item 3 of the Attachment of the indemnity agreement is deleted in its entirety and the following substituted therefore.

Item 3 - License number or numbers

- SNM-1213 (From 12:01 a.m., October 30, 1970, to
12:00 midnight SEP 30 1971, inclusive)
DPR-29 (From 12:01 a.m., OCT 1 1971)
SNM-1243 (From 12:01 a.m., March 22, 1971)

Item 5 of the Attachment to the indemnity agreement is amended by adding the following:

Nuclear Energy Liability Policy (Facility Form) number MF-54
issued by Mutual Atomic Energy Liability Underwriters.

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION



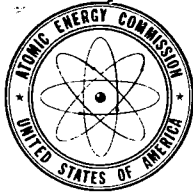
Lyall Johnson, Director
Division of State and Licensee Relations

Accepted October 6, 1971

By R. J. Schultz, Vice President
COMMONWEALTH EDISON COMPANY

Accepted October 13, 1971

By [Signature], President
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY



UNITED STATES
 ATOMIC ENERGY COMMISSION
 WASHINGTON, D.C. 20545

Docket Nos. 50-254
 70-1280

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 4

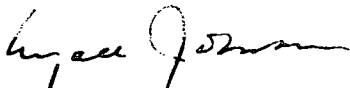
Effective December 14, 1971, Indemnity Agreement No. B-47 between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended as follows:

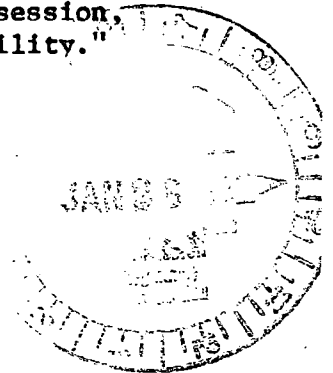
Article II is amended by adding the following proviso at the end of subparagraph 5(c):

"Provided, however, that with respect to an extraordinary nuclear occurrence occurring at the facility, a claimant who is employed at the facility in connection with the construction of a nuclear reactor with respect to which no operating license has been issued by the Atomic Energy Commission shall not be considered as employed in connection with the activity where the extraordinary nuclear occurrence takes place if:

- (1) the claimant is employed exclusively in connection with the construction of a nuclear reactor, including all related equipment and installations at the facility, and
- (2) no operating license has been issued by the AEC with respect to the nuclear reactor, and
- (3) the claimant is not employed in connection with the possession, storage, use or transfer of nuclear material at the facility."

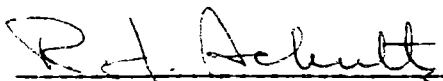
FOR THE UNITED STATES ATOMIC ENERGY COMMISSION

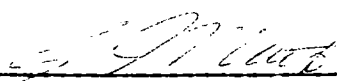

 Lyall Johnson, Director
 Division of State and Licensee Relations



Accepted January 13, 1972

Accepted January 19, 1972

By 
 COMMONWEALTH EDISON COMPANY
 Vice-President


 IOWA-ILLINOIS GAS AND ELECTRIC COMPANY
 President



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

AMENDMENT NO. 5 TO INDEMNITY AGREEMENT NO. B-47

Effective March 1, 1972, Indemnity Agreement No. B-47, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended as follows:

Article II, Paragraph 8(a) is amended by deleting the amount "\$63,550,000" wherever it appears and substituting therefor the amount "\$73,625,000."

Article II, Paragraph 8(b) is amended by deleting the amount "\$18,450,000" wherever it appears and substituting therefor the amount "\$21,375,000."

Article II, Paragraph 8(c) is amended by deleting the amount "\$82,000,000" wherever it appears and substituting therefor the amount "\$95,000,000."

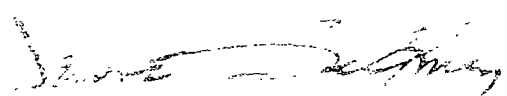
Article III, Paragraph 4(b)(2) is amended by deleting the amount "\$82,000,000" and substituting therefor the amount "\$95,000,000."

Item 2a. of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection


- a. \$ 1,000,000 (From 12:01 a.m., October 30, 1970, to 12:00 midnight, September 30, 1971, inclusive)
- \$82,000,000 (From 12:01 a.m., October 1, 1971, to 12:00 midnight, February 29, 1972, inclusive)
- \$95,000,000 (From 12:01 a.m., March 1, 1972)

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION


Jerome Saltzman, Chief
Indemnity and Export Control Branch
Division of State and Licensee Relations

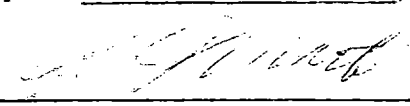
Accepted March 2, 1972

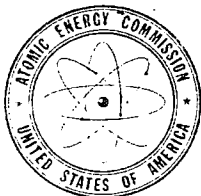
By


COMMONWEALTH EDISON COMPANY
Vice-President

Accepted March 16, 1972

By


IOWA-ILLINOIS GAS AND
ELECTRIC COMPANY
President



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 6

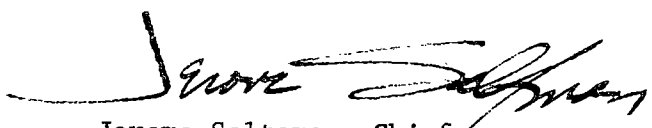
Effective MAR 31 1972, Indemnity Agreement No. B-47 dated October 30, 1970, between Commonwealth Edison Company and Iowa-Illinois Gas & Electric Company and the Atomic Energy Commission, as amended, is hereby further amended as follows:

Item 3 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:


Item 3 - License number or numbers

SNM-1213	(From 12:01 a.m., October 30, 1970, to 12:00 midnight, September 30, 1971, inclusive)
DPR-29	(From 12:01 a.m., October 1, 1971)
SNM-1243	(From 12:01 a.m., March 22, 1971, to 12:00 midnight, <u>MAR 30 1972</u> , inclusive)
DPR-30	(From 12:01 a.m., <u>MAR 31 1972</u>)


FOR THE UNITED STATES ATOMIC ENERGY COMMISSION

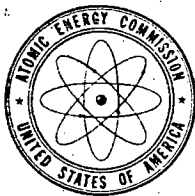

Jerome Saltzman, Chief
Indemnity and Export Control Branch
Division of State and Licensee Relations

Accepted April 6, 1972

By 
COMMONWEALTH EDISON COMPANY
Vice-President

Accepted April 17, 1972

By 
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY
President



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

Docket Nos. 50-254
and 70-1280

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 7

Effective March 1, 1974, Indemnity Agreement No. B-47, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended as follows:

The amount "\$95,000,000" is deleted wherever it appears and the amount "\$110,000,000" is substituted therefor.

The amount "\$73,625,000" is deleted wherever it appears and the amount "\$85,250,000" is substituted therefor.

The amount "\$21,375,000" is deleted wherever it appears and the amount "\$24,750,000" is substituted therefor.

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 Amount of financial protection

- | | |
|----------------|---|
| a. \$1,000,000 | (From 12:01 a.m., October 30, 1970, to 12:00 midnight, September 30, 1971, inclusive) |
| 82,000,000 | (From 12:01 a.m., October 1, 1971, to 12:00 midnight, February 29, 1972, inclusive) |

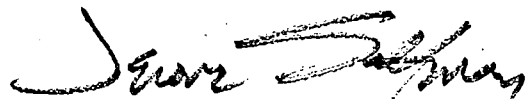
95,000,000

(From 12:01 a.m., March 1, 1972, to
12:00 midnight, February 28, 1974,
inclusive)

110,000,000

(From 12:01 a.m., March 1, 1974)

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION



Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Directorate of Licensing

Accepted March 28, 1974

By R. J. Schult
COMMONWEALTH EDISON COMPANY

Accepted April 10, 1974

By Charles H. Johnson
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket No. 50-254

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 8

Effective March 21, 1975, Indemnity Agreement No. B-47, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Co., and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended as follows:

The name "United States Atomic Energy Commission" is deleted wherever it appears and the name "United States Nuclear Regulatory Commission" is substituted therefor.

The amount "\$110,000,000" is deleted wherever it appears and the amount "\$125,000,000" is substituted therefor.

The amount "\$85,250,000" is deleted wherever it appears and the amount "\$96,875,000" is substituted therefor.

The amount "\$24,750,000" is deleted wherever it appears and the amount "\$28,125,000" is substituted therefor.

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

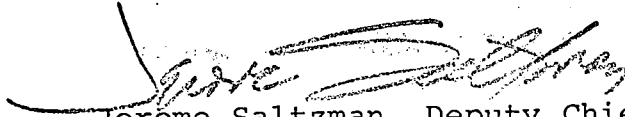
Item 2-Amount of financial protection

- a. \$ 1,000,000 (From 12:01 a.m., October 30, 1970, to 12 midnight, September 30, 1971, inclusive)
82,000,000 (From 12:01 a.m., October 1, 1971, to 12 midnight, February 29, 1972, inclusive)
95,000,000 (From 12:01 a.m., March 1, 1972, to 12 midnight, February 28, 1974, inclusive)



110,000,000 (From 12:01 a.m., March 1, 1974, to
12 midnight, March 20, 1975,
inclusive)
125,000,000 (From 12:01 a.m., March 21, 1975)

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION


Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Nuclear Reactor Regulation

Accepted March 26, 1975

By R. J. Achultz
COMMONWEALTH EDISON COMPANY

Accepted _____, 1975

By R. M. Hetherington
IOWA-ILLINOIS GAS AND ELECTRIC CO.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket No. 50-254

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 9

Effective MAY 1 1977, Indemnity Agreement No. B-47, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended as follows:

The amount "\$125,000,000" is deleted wherever it appears and the amount "\$140,000,000" is substituted therefor.

The amount "\$96,875,000" is deleted wherever it appears and the amount "\$108,500,000" is substituted therefor.

The amount "\$28,125,000" is deleted wherever it appears and the amount "\$31,500,000" is substituted therefor.

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection

- | | | |
|----|---------------|--|
| a. | \$1,000,000 | (From 12:01 a.m., October 30, 1970, to 12 midnight, September 30, 1971, inclusive) |
| | \$82,000,000 | (From 12:01 a.m., October 1, 1971, to 12 midnight, February 29, 1972, inclusive) |
| | \$95,000,000 | (From 12:01 a.m., March 1, 1972, to 12 midnight, February 28, 1974, inclusive) |
| | \$110,000,000 | (From 12:01 a.m., March 1, 1974, to 12 midnight, March 20, 1975, inclusive) |

\$125,000,000 (From 12:01 a.m., March 21, 1975, to
12 midnight, APR 30 1977 ,
inclusive)
\$140,000,000 (From 12:01 a.m., MAY 1 1977)

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION

Jerome Saltzman
Jerome Saltzman, Chief
Antitrust & Indemnity Group
Nuclear Reactor Regulation

Accepted April 26, 1977

By *R. A. Ackerly*
COMMONWEALTH EDISON COMPANY

Accepted May 4, 1977

By *James Colwell* Vice President
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-254
50-265

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 10

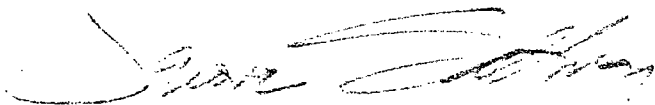
Effective August 1, 1977, Indemnity Agreement No. B-47, between Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended by adding a new Article VIII to read as follows:

"ARTICLE VIII

- "1. If the licensee fails to pay assessed deferred premiums, the Commission reserves the right to pay those premiums on behalf of the licensee and to recover the amount of such premiums from the licensee.
- "2. The Commission shall require the immediate submission of financial statements by those licensees who indicate, after an assessment of the retrospective premium by the insurance pools, that they will not pay the assessment. Such financial statements shall include, as a minimum, exhibits indicating internally generated funds from operations and accumulated retained earnings. Subsequent submission of financial statements by such licensees may be requested by the Commission, as required.
- "3. If premiums are paid by the Commission as provided in paragraph 1, payment by the Commission shall create a lien in the amount paid in favor of the United States upon all property and rights to property, whether real or personal, belonging to such licensee. The lien shall arise at the time payment is made by the Commission and shall continue until the liability for the amount (or a judgment against the licensee arising out of such liability) is satisfied or becomes unenforceable. The Commission will issue a certificate of release of any such lien if it finds that the liability for the amount has been fully satisfied or has become legally unenforceable.

"4. If the Commission determines that the licensee is financially able to reimburse the Commission for a deferred premium payment made in its behalf, and the licensee, after notice of such determination by the Commission fails to make such reimbursement within 120 days, the Commission will take appropriate steps to suspend the license for 30 days. The Commission may take any further action as necessary if reimbursement is not made within the 30-day suspension period including, but not limited to, termination of the operating license."

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION



Jerome Saltzman, Chief
Antitrust and Indemnity Group
Office of Nuclear Reactor Regulation

Accepted AUG 24 1978, 1978

By Hubert H. Nelson
COMMONWEALTH EDISON COMPANY
Senior Vice - President

Accepted September 5, 1978, 1978

By D. R. Stichnash
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

President



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-254
50-265

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 11

Effective May 1, 1979, Indemnity Agreement No. B-47, between Commonwealth Edison Company, Iowa-Illinois Gas & Electric Company and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended as follows:

The amount "\$140,000,000" is deleted wherever it appears and the amount "\$160,000,000" is substituted therefor.

The amount "\$108,500,000" is deleted wherever it appears and the amount "\$124,000,000" is substituted therefor.

The amount "\$31,500,000" is deleted wherever it appears and the amount "\$36,000,000" is substituted therefor.

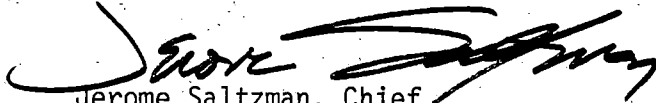
Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection

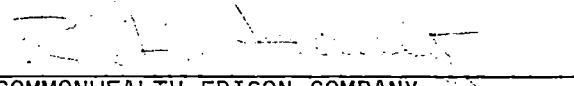
- | | | |
|----|---------------|--|
| a. | \$1,000,000 | (From 12:01 a.m., October 30, 1970, to 12 midnight, September 30, 1971, inclusive) |
| | \$82,000,000 | (From 12:01 a.m. October 1, 1971, to 12 midnight, February 29, 1972, inclusive) |
| | \$95,000,000 | (From 12:01 a.m., March 1, 1972, to 12 midnight, February 28, 1974, inclusive) |
| | \$110,000,000 | (From 12:01 a.m., March 1, 1974, to 12 midnight, March 20, 1975, inclusive) |
| | \$125,000,000 | (From 12:01 a.m., March 21, 1975, to 12 midnight, April 30, 1977, inclusive) |

\$140,000,000 * (From 12:01 a.m., May 1, 1977, to
12 midnight, April 30, 1979,
inclusive)
\$160,000,000 * (From 12:01 a.m., May 1, 1979)

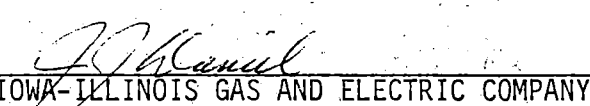
FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION


Jerome Saltzman, Chief
Antitrust & Indemnity Group
Office of Nuclear Reactor Regulation

Accepted MAY 7 , 1979

By 
COMMONWEALTH EDISON COMPANY

Accepted May 23 , 1979

By 
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

* and, as of August 1, 1977, the amount available as secondary financial protection.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-254
50-265

AMENDMENT TO INDEMNITY AGREEMENT NO. B-47

AMENDMENT NO. 12

Effective May 1, 1977, Indemnity Agreement No. B-47 between Commonwealth Edison Company, Iowa-Illinois Gas & Electric Company and the Atomic Energy Commission, dated October 30, 1970, as amended, is hereby further amended by modifying the prefatory language of paragraph 5, Article I, to read as follows:

"In the course of transportation" means in the course of transportation within the United States, or in the course of transportation outside the United States and any other nation, including handling or temporary storage incidental thereto, of the radioactive material to the location or from the location provided that:

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION

Jerome Saltzman, Chief
Antitrust & Indemnity Group
Office of Nuclear Reactor Regulation

Accepted October 24, 1979

By R. A. Belmont
COMMONWEALTH EDISON COMPANY

Accepted November 1, 1979

By D. R. Steinhilber
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

ACKNOWLEDGED ML17198B121

Regulatory

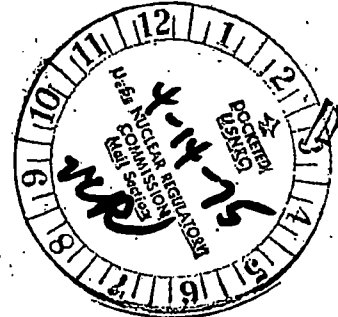
File CYC

DO NOT REMOVE

50-237/254/295/304

April 8, 1975

Mr. Jerome Saltzman
 Office of Antitrust & Indemnity
 Nuclear Reactor Regulation
 Nuclear Regulatory Commission
 Washington, D.C. 20555



Dear Mr. Saltzman:

Enclosed is one executed copy of each of the following amendments:

Amendment
 Number

18
 8
 6

Indemnity
 Agreement No.

B-10
 B-47
 B-59



Sincerely,

J. Oster

John Oster
 Insurance Analyst

Enc.

Incl (2) 3981



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

ML 17191A267



May 6, 1977

50-237/254/295/304

Mr. Jerome Saltzman, Chief
Antitrust and Indemnity Group
Nuclear Reactor Regulation
U. S. NUCLEAR REGULATORY COMMISSION
Washington, DC 20555

Dear Mr. Saltzman:

REGULATORY DOCKET FILE COPY

Enclosed are signed copies of the following documents:

Amendment No. 19 to Indemnity
Agreement No. B-10

Amendment No. 9 to Indemnity
Agreement No. B-47

Amendment No. 7 to Indemnity
Agreement No. B-59

If you have any questions concerning this,
please let me know.

Sincerely,

R. D. Poole
Insurance Administrator





Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

ML17215B089

50- 10
 237
 249
 50- 254
 265
 50- 295
 304

September 8, 1978

REGULATORY DOCKET FILE COPY

Mr. Jerome Saltzman, Chief
 Antitrust & Indemnity Group
 Nuclear Reactor Regulation
 United States Nuclear
 Regulatory Commission
 Washington, D.C. 20555

Dear Mr. Saltzman:

Enclosed are signed copies of the three documents
 shown below:

Amendment No. 20 to Indemnity Agreement B-10

Amendment No. 10 to Indemnity Agreement B-47

Amendment No. 8 to Indemnity Agreement B-59

If you have any questions please let me know.

Sincerely,

R. D. Poole
 Insurance Administrator

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Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

ML17173A-P52

May 29, 1979

Mr. Jerome Saltzman, Chief
Antitrust & Indemnity Group
Nuclear Reactor Regulation
United States Nuclear
Regulatory Commission
Washington, D. C. 20555

Dear Mr. Saltzman:

Enclosed are signed copies of the four documents
shown below:

Amendment No. 21 to Indemnity Agreement B-10

Amendment No. 11 to Indemnity Agreement B-47

Amendment No. 9 to Indemnity Agreement B-59

Amendment No. 1 to Indemnity Agreement B-84.

If you have any questions, please let me know.

Sincerely,

R. D. Poole
Insurance Administrator

Enc.

7906040 / 87

Moore
5/1/79
J



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

November 7, 1979

Mr. Jerome Saltzman, Chief
Antitrust and Indemnity Group
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Saltzman:

Enclosed are signed copies of the following:

1. Amendment 22 to Indemnity Agreement B-10.
2. Amendment 12 to Indemnity Agreement B-47.
3. Amendment 10 to Indemnity Agreement B-59.
4. Amendment 2 to Indemnity Agreement B-84.

Sincerely,

J. Oster

Insurance Administrator

Enclosures

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CommHealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690 - 0767

January 16, 1985

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

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
 of the Commission's Regulations, enclosed are
 two (2) certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End No.</u>
50-254	Quad-Cities	NF-187	84
		MF-54	69

Sincerely,

J. Oster
 Insurance Administrator

JO:kt

enclosures

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Docket Nos. 50-254 ✓
50-265
Agreement No. B-47

DEC 12 1984

Mr. J. Oster, Insurance Administrator
Commonwealth Edison Company
72 West Adams Street
Room 950
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are presently reviewing our files and note that the following
endorsements to your nuclear liability insurance policies have not been
received:

Endorsement No. 60 to MF-54

We would appreciate your providing us with this information as soon as
possible. If you have any questions, please do not hesitate to contact us.

Sincerely,

Ira Dinitz
Insurance Indemnity Analyst
Licensee Relations Section
Office of State Programs

Distribution:
Subject: Commonwealth Edison - Quad Cities ←
OSP:SLR R/F
Dir. R/F
I. Dinitz R/F
I. Dinitz Desk Ref.
DCD

OFFICE ▶	OSP:SLR						
SURNAME ▶	IDinitz:cb...						
DATE ▶	12/11/84						



Commwealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690 - 0767

Quad Cities

November 30, 1984

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

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are two (2) certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End No.</u>
50-254	Quad-Cities <i>filed</i>	NF-187 ✓ MF-54 ✓	82 ✓ 67 ✓
50-295	Zion <i>filed</i>	NF-201 ✓ MF-64 ✓	69 ✓ 58 ✓

Sincerely,

J. Oster

J. Oster
 Insurance Administrator

JO:kt

enclosures

B412050415 B41130
 PDR ADDCK 05000254
 J PDR

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Commonwealth Edison

72 West Adams Street, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690
Room 950

Commonwealth Edison

J. Oster

January 9, 1984

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

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight (8) certified copies of the following:

<u>DOCKET NO.</u>	<u>STATION</u>	<u>POLICY NO.</u>	<u>END. NO.</u>
50-10	Dresden	NF-43 ✓ MF-22 ✓	151 & 152 128 & 129
50-254	Quad-Cities	NF-187 MF-54	77 & 78 63 & 64
50-295	Zion	NF-201 ✓ MF-64 ✓	64 & 65 54 & 55
50-373	LaSalle	NF-253 ✓ MF-104 ✓	27 & 28 12 & 13
50-454	Byron	NF-277 ✓	8 & 9 ✓

Sincerely,

J. Oster

J. Oster
Insurance Administrator

JO/ef

Enclosures

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PDR ADOCK 05000010
PDR
J

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Commonwealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690
 Room 950

May 17, 1984

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

RE: Docket No. 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are two (2) certified copies of the following:

<u>STATION</u>	<u>POLICY NO.</u>	<u>END. NO.</u>
Quad-Cities	NF-187	80
	MF-54	65

Sincerely,

J. Oster
 Insurance Administrator

J0/ef

Enclosures

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8405220376 840517
 PDR ADOCK 05000254
 J PDR



Commonwealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690
 Room 950

Docket

June 1, 1984

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

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are two (2) certified copies of the following:

<u>DOCKET NO.</u>	<u>STATION</u>	<u>POLICY NO.</u>	<u>END. NO.</u>
50-10	Dresden	NF-43 ✓	156 & 157 ✓
		MF-22 ✓	132 & 133 ✓
50-254	Quad-Cities	NF-187 ✓	81
		MF-54 ✓	66
50-295	Zion	NF-201 ✓	67 & 68 ✓
		MF-64 ✓	56 & 57 ✓

Sincerely,

J. Oster

J. Oster
 Insurance Administrator

JO/ef

Enclosures

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 PDR ADOCK 05000010
 J PDR

*Mool
 1/1*



Commonwealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

Room 950

March 9, 1983

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

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
 of the Commission's Regulations, enclosed are eight (8)
 certified copies of the following:

<u>DOCKET NO.</u>	<u>STATION</u>	<u>POLICY NO.</u>	<u>END. NO.</u>
50-10	Dresden	NF-43	143
50-254	Quad-Cities	NF-187	75
50-295	Zion	NF-201	62
50-373	LaSalle	NF-253	24

Sincerely,

J. Oster
 Insurance Administrator

JO/ef

Enclosures

MOO1



Commonwealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

Room 950

March 2, 1983

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

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight (8) certified copies of the following:

<u>DOCKET NO.</u>	<u>STATION</u>	<u>POLICY NO.</u>	<u>END. NO.</u>
50-254	Quad-Cities	NELIA, NF-187 MAELU, MF-54	74 61
50-10	Dresden	NELIA, NF-43 MAELU, MF-22	141 & 142 119 & 120

Sincerely,

J. Oster
 Insurance Administrator

J0/ef

Enclosures

8303080197 830302
 PDR ADOCK 05000010
 J PDR

M001



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

F-

July 23, 1980

Mr. Jerome Saltzman, Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Quad-Cities Docket 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight (8)
certified copies of Endorsements No. 62 and 64 to
Nuclear Energy Liability Insurance Association Facility
Form Policy NF-187.

Sincerely,

J. Oster
Insurance Administrator

Enc.

MOO/
S
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8007290709

J



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

F

August 11, 1980

Mr. Jerome Saltzman, Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Quad-Cities Docket 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight (8)
certified copies of Endorsements No. 52 and 53 to Mutual
Atomic Energy Liability Underwriters Facility Form
Policy MF-54.

Sincerely,

A handwritten signature in cursive script that reads "J. Oster".

J. Oster
Insurance Administrator

Enc.

Mool
s
1/1

8008150399

J



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

F.

July 9, 1980

Mr. Jerome Saltzman, Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Quad-Cities Docket 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight (8)
certified copies of Endorsement No. 63 to Nuclear Energy
Liability Insurance Association Facility Form Policy
No. NF-187.

Sincerely,

J. Oster
Insurance Administrator

Enc.

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

OCT 10 1979

Docket No. 50-254 & 50-265

Commonwealth Edison Company and
Iowa-Illinois Gas and Electric Company
ATTN: Mr. J. Oster
Insurance Administrator
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting a change in 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements." The amendment to Part 140, which was effective on May 1, 1977, modifies the definition of "in the course of transportation" in Article I to include transportation outside the United States and supersedes the definition which included only transportation within the United States.

We would appreciate your indicating your acceptance of the amendment to your indemnity agreement in the space provided and returning one signed copy to us.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome Saltzman".

Jerome Saltzman, Chief
Antitrust and Indemnity Group
Office of Nuclear Reactor Regulation

Enclosure:
Amendment to Indemnity Agreement



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

September 18, 1979

Mr. Jerome Saltzman, Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Saltzman:

This is to inform you that Mr. R. D. Poole
retired on August 31.

All invoices and correspondence previously
directed to him should be addressed to me.

Thank you,

J. Oster
Insurance
Administrator

*action taken
9/27/79*

*MOORE
SEE
1/10*

ADD

SALTZMAN

809250491



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

June 7, 1979

Mr. Jerome Saltzman, Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight
(8) certified copies of the following:

<u>Docket</u> <u>No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	Maelu, MF-22	100 & 101
50-254	Quad Cities	Maelu, MF-54	49 & 50

Sincerely,

John Oster
Insurance Coordinator

Enclosures

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAY 1 1979

Docket No. 50-254
50-265

Commonwealth Edison Company and
Iowa-Illinois Gas and Electric Company
ATTN: Mr. Robert D. Poole
Insurance Administrator
P. O. Box 767
Chicago Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting the changes to 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective May 1, 1979. The amendments to Part 140, a copy of which is also enclosed, give effect to the increase from \$140 million to \$160 million in the primary layer of nuclear energy liability insurance provided by the American Nuclear Insurers and Mutual Atomic Energy Liability Underwriters.

We would appreciate your indicating acceptance of the amendment to your indemnity agreement in the space provided and returning one signed copy. If you have any questions about the foregoing, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome Saltzman", written over a horizontal line.

Jerome Saltzman, Chief
Antitrust & Indemnity Group
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment to Indemnity Agreement
2. Amendment to 10 CFR Part 140



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

File

50- 10
 237
 249
 50- 254
 265
 50- 295
 304

September 8, 1978

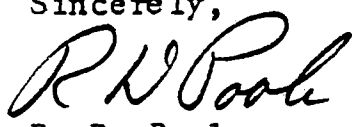
Mr. Jerome Saltzman, Chief
 Antitrust & Indemnity Group
 Nuclear Reactor Regulation
 United States Nuclear
 Regulatory Commission
 Washington, D.C. 20555

Dear Mr. Saltzman:

Enclosed are signed copies of the three documents
 shown below:

- Amendment No. 20 to Indemnity Agreement B-10
- Amendment No. 10 to Indemnity Agreement B-47
- Amendment No. 8 to Indemnity Agreement B-59

If you have any questions please let me know.

Sincerely,

 R. D. Poole
 Insurance Administrator

782490290

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

AUG 14 1978

Docket No. 50-254
50-265

Commonwealth Edison Company and
Iowa-Illinois Gas and Electric Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting a change in 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements." The amendment to Part 140, which was effective on August 1, 1977, adds a new "Article VIII" to § 140.92. This article establishes procedures that the Commission would utilize to recover retrospective premiums paid by the Government on behalf of defaulting licensees.

We would appreciate your indicating your acceptance of the amendment to your indemnity agreement in the space provided and returning one signed copy to the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome Saltzman", written over a horizontal line.

Jerome Saltzman, Chief
Antitrust & Indemnity Group
Nuclear Reactor Regulation

Enclosure:
Amendment to Indemnity Agreement



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 787
Chicago, Illinois 60690

*F-
Commonwealth
Quad-Cities*

May 11, 1978

Mr. Edson G. Case, Deputy Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 and 3
Quad-Cities Station Units 1 and 2
Proposed Amendment to Facility Operating
License DPR-19, DPR-25, DPR-29 and DPR-30
NRC Docket Nos. 50-237/249/254/265

- References (a): G. A. Abrell letter to D. L. Ziemann
dated April 23, 1976
- (b): M. S. Turbak letter to D. L. Ziemann
dated February 18, 1977
- (c): R. L. Bolger letter to D. K. Davis
dated December 12, 1977
- (d): D. K. Davis letter to C. Reed dated
January 30, 1978
- (e): Draft - Generic Environmental Impact
Statement on Handling and Storage of
Spent Light Water Reactor Fuel,
Executive Summary and Text, NUREG-0404,
Vol. 1, March 1978

Dear Mr. Case:

Pursuant to 10 CFR 50.59, Commonwealth Edison proposes to amend the Dresden Station Units 2 and 3 and Quad-Cities Station Units 1 and 2 facility operating licenses concerning spent fuel transfer and storage between stations.

Reference (a) transmitted our safety analysis for transferring spent fuel. After additional correspondence, Reference (b) was transmitted which severed the inter-station transfer request from the accompanying fuel pool expansion request. Subsequently, Reference (c) was transmitted which

Mr. Edson G. Case:

- 2 -

May 11, 1978

withdrew our original request for inter-station transfer in order to expedite our other request for spent fuel pool expansion. Reference (d) transmitted NRC approval of the spent fuel pool expansion request.

The proposed change to Dresden Units 2 and 3 will require amending page 2 to both facility operating licenses DPR-19 and DPR-25. The proposed change to Quad-Cities Units 1 and 2 will require amending page 3 to both facility operating licenses DPR-29 and DPR-30.

An analysis was made on the currently licensed spent fuel storage racks at both Dresden and Quad-Cities Stations. Fuel assembly discharge data and dates of discharge are from the most current refueling schedules. In the analysis, fuel was not shipped from Dresden after Quad-Cities lost FCDC (Full Core Discharge Capability).

The results are summarized for Dresden in Table 1 and for Quad-Cities in Table 2 (both attached). The fuel shipments for Dresden must begin before September, 1979 (reload date for Dresden Unit 3) for Dresden to maintain FCDC. The benefit of these shipments is the postponement of loss of FCDC from 1979 to 1981.

Attachment I contains the proposed facility operating license changes.

It is also requested that the Staff make appropriate amendments to the indemnity agreements for Dresden and Quad-Cities Stations extending the indemnity protection to cover events involving fuel irradiated at one site and stored at another site.

This request has received on-site and off-site review and approval.

Pursuant to 10 CFR 170, Commonwealth Edison has determined that this proposed amendment is a combined Class III and Class I Amendment. As such, we have enclosed a fee remittance in the amount of \$8,800.00 for this proposed amendment. Reference (e), specifically Sections 3.4 and 8.1, provided the basis for determining the amendment fee classification.

Mr. Edson G. Case:

- 3 -

May 11, 1978

Three (3) signed originals and fifty-seven (57) copies of this letter are provided for your use.

Very truly yours,

C. Reed

Cordell Reed
Assistant Vice-President

attachments.

SUBSCRIBED and SWORN to
before me this 11th, day
of May, 1978.

Nancy M. Dascenzo
Notary Public

TABLE 1

DRESDEN 1, 2 AND 3 SPENT FUEL DISCHARGES AND MIN.
ANNUAL SPENT FUEL REQUIRING SHIPMENT TO MAINTAIN FCDC

<u>Year</u>	<u>Annual Discharge (Assembly)</u>			<u>Shipments*</u>		<u>Cumulative</u>
	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>	<u>Assemblies</u>	<u>MTU**</u>	<u>Total (Assembly)</u>
Prior to 1978						1113
1978	76	0	176	-	-	1365
1979	0	168	176	61	11.468	1648
1980	66	168	0	234	43.992	1648
1981	66	0	176	242	45.496	1648 [†]
1982	66	176	176	-	-	2066

Current rack capacity = 3560

Total assemblies in cores = 1912

Capacity with FCDC = 1648

*Minimum annual spent fuel requiring shipment to maintain FCDC.

**Using a factor of 0.188 MTU/assembly.

†Quad-Cities loses FCDC after which no more fuel is shipped

TABLE 2

QUAD-CITIES STATION UNITS 1 AND 2
ANNUAL SPENT FUEL ACCUMULATION

<u>Year</u>	<u>Annual Discharge (Assembly)</u>		<u>Assemblies Received</u>	<u>Cumulative Total</u>
	<u>Unit 1</u>	<u>Unit 2</u>		
Prior to 1978				716
1978	176	180	-	1072
1979	-	196	61	1329
1980	176	-	234	1739
1981	176	164	242	2321*
1982	-	176	-	2497

Current rack capacity = 2920
Total assemblies in core = 724
Capacity with FCDC = 2196

*Loss of FCDC after which no more fuel is received.

ATTACHMENT I

- 2 -

DPR-19

Provisional Operating License No. DPR-19 is hereby issued to Commonwealth Edison Company (Commonwealth Edison), as follows:

1. This license applies to the Dresden Nuclear Power Station Unit 2, a single cycle, boiling, light water reactor, and electric generating equipment (the facility). The facility is located at the Dresden Nuclear Power Station in Grundy County, Illinois, and is described in the "Safety Analysis Report," as supplemented and amended (Amendment Nos. 7 through 20).
2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Commonwealth Edison:
 - A. Pursuant to Section 104b of the Atomic Energy Act of 1954, as amended (the Act), and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility as a utilization facility at the designated location at the Dresden Nuclear Power Station;
 - B. Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear materials, not including plutonium, as reactor fuel, in accordance with the limitations for storage and amounts required for operation as described in the Final Safety Analysis Report, as supplemented and amended as of September 3, 1976;
 - C. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear materials as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts required;
 - D. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear materials without restriction to chemical or physical form, for sample analysis or instrument and equipment calibration or associated with radioactive apparatus or components;
 - E. Pursuant to the Act and 10 CFR Parts 30 and 70, to receive, possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of Dresden Nuclear Power Station, Units Nos. 1, 2, and 3, and Quad-Cities Nuclear Power Station, Unit Nos. 1 and 2.
3. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations: 10 CFR Part 20, Section 30.34 of 10 CFR Part 30, Section 40.41 of 10 CFR Part 40, Sections 50.54 and 50.59 of 10 CFR Part 50, and Section 70.32 of 10 CFR Part 70; and is subject to the additional conditions specified below:

A. Maximum Power Level

Commonwealth Edison is authorized to operate the facility at steady state power levels not in excess of 2527 megawatts (thermal).

- e. The applicant is technically and financially qualified to engage in the activities authorized by this operating license, in accordance with the rules and regulations of the Commission;
- f. The applicant has furnished proof of financial protection to satisfy the requirements of 10 CFR Part 140;
- g. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public;

Facility Operating License No. DPR-25 is hereby issued to Commonwealth Edison Company (Commonwealth Edison), as follows:

- 1. This license applies to the Dresden Nuclear Power Station Unit 3, a single cycle, boiling, light water reactor, and electric generating equipment (the facility). The facility is located at the Dresden Nuclear Power Station in Grundy County, Illinois, and is described in the "Safety Analysis Report," as supplemented and amended (Amendment Nos. 8 through 24).
- 2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Commonwealth Edison:
 - A. Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility as a utilization facility at the designated location at the Dresden Nuclear Power Station;
 - B. Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear materials, not including plutonium, as reactor fuel, in accordance with the limitations for storage and amounts required for operation as described in the Final Safety Analysis Report, as supplemented and amended as of September 3, 1976;
 - C. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear materials as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts required;
 - D. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear materials without restriction to chemical or physical form, for sample analysis or instrument and equipment calibration or associated with radioactive apparatus or components;
 - E. Pursuant to the Act and 10 CFR Parts 30 and 70, to receive, possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of Dresden Nuclear Power Station, Units Nos. 1, 2, and 3, and Quad-Cities Nuclear Power Station, Unit Nos. 1 and 2.
- 3. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations: 10 CFR

- 3 -

- A. Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities", to possess, use, and operate the facility as a utilization facility at the location designated in the application, in accordance with the procedures and limitations described in the application and in this license;
- B. Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear materials, not including plutonium, as reactor fuel, in accordance with the limitations for storage and amounts required for operation as described in the Final Safety Analysis Report, as supplemented and amended;
- C. Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time up to 8 kilograms of plutonium for use in connection with operation of the facility;
- D. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear materials as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts required;
- E. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear materials without restriction to chemical or physical form, for sample analysis or instrument and equipment calibration or associated with radioactive apparatus or components;
- F. Pursuant to the Act and 10 CFR Parts 30 and 70, to receive, possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of Quad Cities Nuclear Power Station, Unit Nos. 1 and 2, and Dresden Nuclear Power Station, Unit Nos. 1, 2 and 3.

- 3. -

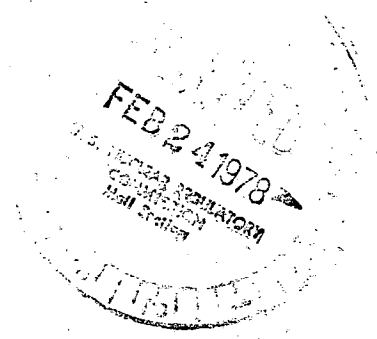
- A. Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities", to possess, use, and operate the facility as a utilization facility at the location designated in the application, in accordance with the procedures and limitations described in the application and in this license;
- B. Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear materials, not including plutonium, as reactor fuel, in accordance with the limitations for storage and amounts required for operation as described in the Final Safety Analysis Report, as supplemented and amended;
- C. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear materials as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts required;
- D. Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear materials without restriction to chemical or physical form, for sample analysis or instrument and equipment calibration or associated with radioactive apparatus or components;
- E. Pursuant to the Act and 10 CFR Parts 30 and 70, to receive, possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of Quad Cities Nuclear Power Station, Unit Nos. 1 and 2; and Dresden Nuclear Power Station Unit Nos. 1, 2 and 3.



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

February 22, 1978

Mr. Jerome Saltzman, Chief
 Office of Antitrust and Indemnity
 Nuclear Reactor Regulations
 Nuclear Regulatory Commission
 Washington, D.C. 20555



Dear Mr. Saltzman:

Pursuant to requirements of Part 140.15 of the Commission's Regulations, enclosed are eight (8) certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy Nos.</u>	<u>End. No.</u>
50-254	Quad-Cities	MAELU, MF-54	46
50-295	Zion	MAELU, MF-64	38

Sincerely,

J. Oster
 Insurance Coordinator

JO/met

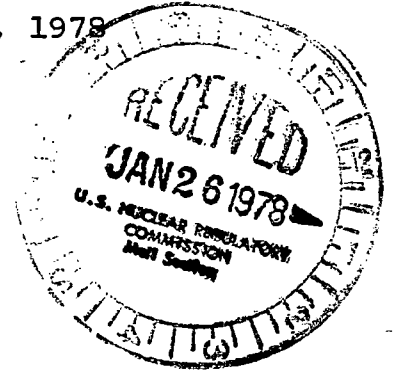
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780550056



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

January 23, 1978



Mr. Jerome Saltzman, Chief
 Office of Antitrust and Indemnity
 Nuclear Reactor Regulations
 Nuclear Regulatory Commission
 Washington, D.C. 20555

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight (8) certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	NELIA, NF-43	113
50-254	Quad-Cities	NELIA, NF-187	55 ✓
50-295	Zion	NELIA, NF-201	44

Sincerely,

J. Oster

J. Oster
 Insurance Coordinator

JO/met

enc.

780270025



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

October 12, 1977

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

Dear Mr. Dinitz:

In response to your request of October 5,
enclosed is a copy of endorsement No. 46 to NF187.

According to our records, eight certified
copies were mailed to your office on December 29, 1975.

If you have any questions concerning this, please
let me know.

Sincerely,

R. D. Poole
Insurance Administrator

Enc.

RDP/met

Distribution:
PDR
AIG Reading
Indemnity File
IDinitz Reading
Docket Files

OCT 5 1977

Docket Nos.
Agreement No. 50-254, 50-265

B-47

Commonwealth Edison Co.
Iowa-Illinois Gas and Electric Co.
ATTN: Mr. R. D. Poole
Insurance Administrator
P. O. Box 767
Chicago, Ill. 60690

Gentlemen:

We are presently reviewing our files and note that the following endorsements to your nuclear liability insurance policies have not been received:

Advance Premium Endorsement and Standard Premium
and Reserve Premium Endorsement Calendar Year 1977.

() NEL-PIA
() MAELU

In addition, we have not received the following endorsements and signed copies of the following indemnity agreements or amendments thereto:

#46 to NF-187

We would appreciate your providing us with this information as soon as possible. If you have any questions, please do not hesitate to contact us.

Sincerely,

SIGNED, IRA DINITZ

Ira Dinitz, Indemnity Specialist
Antitrust & Indemnity Group
Nuclear Reactor Regulation

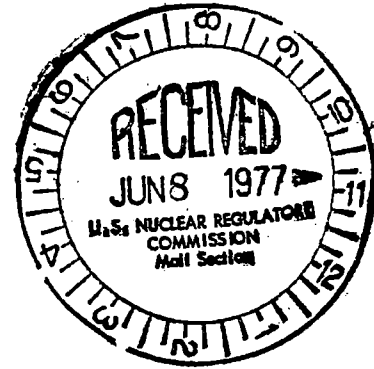
NRRAIG
IDinitz.na
9/ /76



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

June 6, 1977

Mr. Jerome Saltzman, Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D.C. 20555



Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight (8) certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	NELIA, NF-43	111 112
50-254	Quad-Cities	NELIA, NF-187	53 54
50-295	Zion	NELIA, NF-201	42 43

Sincerely,

J. Oster
Insurance Coordinator

771610002



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

March 7, 1977

Mr. Jerome Saltzman, Deputy Chief
 Office of Antitrust and Indemnity
 Nuclear Reactor Regulation
 Nuclear Regulatory Commission
 Washington, DC 20555

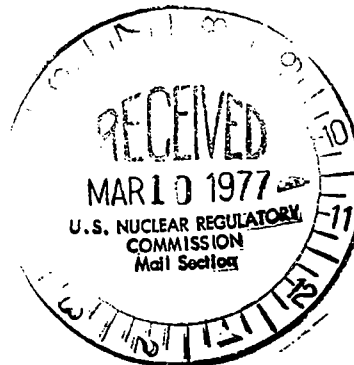
Dear Mr. Saltzman:

Pursuant to the requirements of part 140.15 of
 the Commission's Regulations, enclosed are eight (8)
 certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	NELIA, NF-43	110
50-254	Quad Cities	NELIA, NF-187	51
		NELIA, NF-187	52
		MAELU, MF-54	42
50-295	Zion	NELIA, NF-201	41

Sincerely,

J. Oster
 Insurance Coordinator



770750032

2582



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

February 8, 1977

Mr. Jerome Saltzman, Deputy Chief
Office of Antitrust and Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, DC 20555

Re: Quad Cities Docket 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight (8)
certified copies of the following:

<u>Policy No.</u>	<u>End. No.</u>
MAELU, MF-54	38
NELIA, NF-187	47
NELIA, NF-187	48
NELIA, NF-187	49
NELIA, NF-187	50

Sincerely,

J. Oster
Insurance Coordinator

Enc.

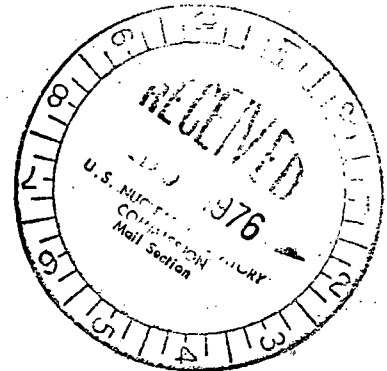
770750038



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

February 4, 1976

Mr. Jerome Saltzman, Deputy Chief
 Office of Antitrust and Indemnity
 Nuclear Reactor Regulation
 Nuclear Regulatory Commission
 Washington, DC 20555



Dear Mr. Saltzman:

Pursuant to the requirements of part 140.15 of
 the Commission's Regulations, enclosed are eight (8)
 certified copies of the following:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	Maelu MF-22	85
50-254	Quad-Cities	Maelu MF-54	37
50-295	Zion	Maelu MF-64	28

Sincerely,

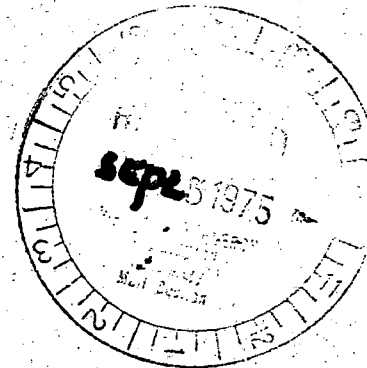
J. Oster
 Insurance Coordinator

Enc.

2272



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690



August 21, 1975

50-254

Mr. Jerome Saltzman, Deputy Chief
 Office of Anti-Trust & Indemnity
 Nuclear Reactor Regulation
 Nuclear Regulatory Commission
 Washington, DC 20555

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
 of the Commission's Regulations, enclosed are eight (8)
 certified copies of the following endorsements:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>Endorsement No.</u>
50-254	Quad-Cities	NF-187	45
50-254	Quad-Cities	MF-54	36

Sincerely,

John Oster
 Insurance Analyst

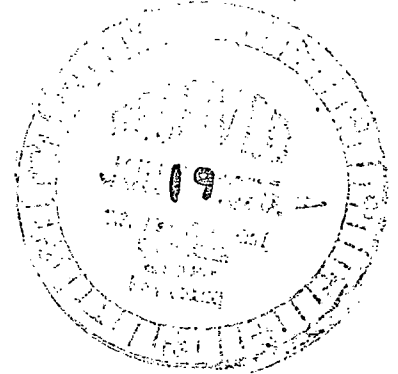
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Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

June 5, 1975



Mr. Jerome Saltzman, Deputy Chief
 Office of Anti-Trust & Indemnity
 Nuclear Reactor Regulation
 Nuclear Regulatory Commission
 Washington, DC 20555

Dear Mr. Saltzman:

Pursuant to the requirements of part 140.15
 of the Commission's Regulations, enclosed are eight (8)
 certified copies of the following endorsements:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	Maelu MF-22	82
50-254	Quad-Cities	Maelu MF-54	35
50-295	Zion	Maelu MF-64	27

Sincerely,

J. Oster
 Insurance Analyst

Enc.



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to Post Office Box 767
Chicago, Illinois 60690

50-237/254/295/304

April 8, 1975

Mr. Jerome Saltzman
Office of Antitrust & Indemnity
Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Saltzman:

Enclosed is one executed copy of each of the
following amendments:

Amendment
Number

18
8
6

Indemnity
Agreement No.

B-10
B-47
B-59

Sincerely,

John Oster
Insurance Analyst

Enc.

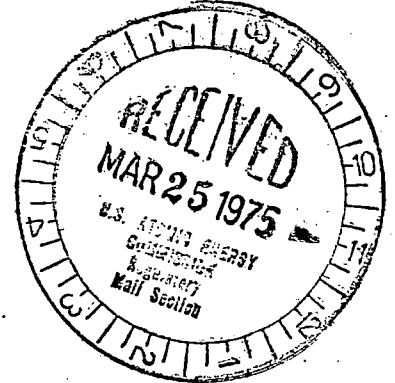
3981



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

March 21, 1975

Mr. Jerome Saltzman, Deputy Chief
Office of Anti-Trust & Indemnity
Nuclear Reactor Corporation
Nuclear Regulatory Commission
Washington, D.C. 20555



Re: Quad-Cities
Docket No. 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight certified copies of Endorsement No. 33 to Mutual Atomic Energy Liability Underwriters facility form Policy No. MF-54.

Sincerely,

A handwritten signature in cursive that reads 'J. Oster'.

J. Oster
Insurance Analyst

Enc.

3181

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket No. 50-254

MAR 21 1975

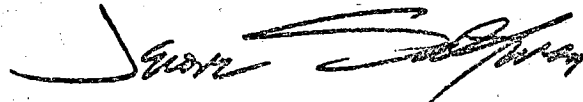
Commonwealth Edison Company and
Iowa-Illinois Gas and Electric Company
ATTN: R. D. Poole
Insurance Administrator
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting the amendment to 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective March 21, 1975. The amendment to Part 140, a copy of which is also enclosed, gives effect to the recent increase from \$110 million to \$125 million in available nuclear energy liability insurance provided by Nuclear Energy Liability Insurance Association and Mutual Atomic Energy Liability Underwriters.

We would appreciate your indicating your acceptance of the amendment to your indemnity agreement in the space provided and returning one signed copy. If you have any questions about the foregoing, please let us know.

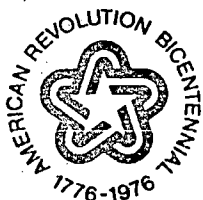
Sincerely,



Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Nuclear Reactor Regulation

Enclosures:

1. Amendment to Indemnity Agreement
2. Amendment to 10 CFR Part 140





Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

February 3, 1975

Mr. Jerome Saltzman, Deputy Chief
U. S. Nuclear Regulatory Commission
Office of Regulation
Washington, D. C. 20555

Dear Mr. Saltzman:

Pursuant to the requirements of part 140.15 of
the Commission's Regulations, enclosed are eight (8) *certified*
copies of the following endorsements:

<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	Maelu HF-22	79
50-254	Quad-Cities	Maelu HF-54	31
50-295	Zion	Maelu HF-64	23

Sincerely,

J. Oster
Insurance Analyst

Enc.

1369
1303



Commonwealth of Illinois

One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690



June 19, 1974

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust & Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight
certified copies of Endorsement No. 30 to Mutual Atomic
Energy Liability Underwriters facility form Policy No.
MF-54.

Very truly yours,

John Oster
Insurance Analyst

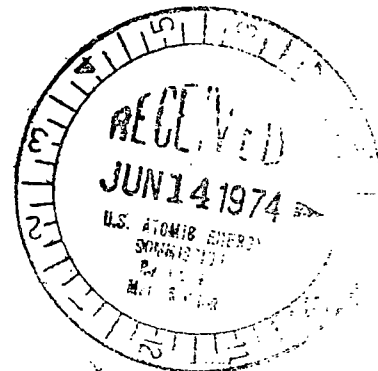
5635



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

June 11, 1974

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust
& Indemnity Directorate
of Licensing
U.S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-254

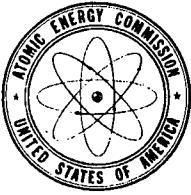
Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight certified copies of Endorsement No. 39 to Nuclear Energy Liability Insurance Association facility form Policy No. NF-187.

Very truly yours,

John Oster
Insurance Analyst

5321



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

J. S. Seltman
For Lewis

June 14, 1974

Docket No. 50-254

Commonwealth Edison Company
ATTN: Mr. J. S. Abel
Nuclear Licensing Administrator -
Boiling Water Reactors
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

By letter dated June 7, 1974, Amendment No. 11 to Facility License No. DPR-29 was transmitted to you. The first page of the license amendment should be replaced with the enclosed page which deletes the word "PROPOSED" from the last line of the heading.

Sincerely,

Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Directorate of Licensing

Enclosure:
First page of Amendment No. 11

cc w/enclosure:
Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company
206 East Second Avenue
Davenport, Iowa 52801

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza
Chicago, Illinois 60670

Anthony Z. Roisman, Esquire
Berlin, Roisman and Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Mr. Robert W. Watts, Chairman
Rock Island County Board of
Supervisors
Rock Island County Courthouse
Rock Island, Illinois 61201

See next page for additional cc:

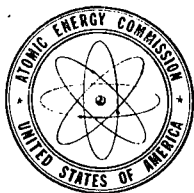
June 14, 1974

Moline Public Library

Mr. Leroy Stratton
Bureau of Radiological Health
Illinois Department of Public Health
Springfield, Illinois 62706

Mr. Gary Williams
Federal Activities Branch
Environmental Protection Agency
1 N. Wacker Drive, Room 822
Chicago, Illinois 60606

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

June 7, 1974

Docket No. 50-254

J. Saltzman
Devin
The amendment on is
independent agreement file
for Docket 50-254

Commonwealth Edison Company
ATTN: Mr. J. S. Abel
Nuclear Licensing Administrator -
Boiling Water Reactors
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

Your letter dated February 28, 1974, and prior supplements thereto dated June 15, July 11, and December 14, 1973, requested the Commission's authorization for Commonwealth Edison Company (CE) to operate the Quad-Cities Nuclear Power Station Unit 1 using 7 x 7 fuel assemblies containing mixed plutonium-uranium oxide (MO). The proposed Technical Specifications change (Figure 3.5.1) was included as part of your proposed refueling changes filed with your letter dated March 18, 1974. By letter dated March 18, 1974, the Regulatory staff advised you that a "Notice of Proposed Issuance of Authority to Operate Using Mixed Oxide Fuel" for Quad-Cities Station Unit 1 was filed with the Office of the Federal Register for publication. The notice was subsequently published in the Federal Register on March 22, 1974.

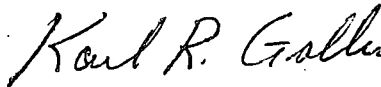
We have reviewed your application for operating Quad-Cities Unit 1 with MO fuel assemblies and your industrial security plan submitted by letter dated May 6, 1974, as it relates to storage of new MO fuel and have concluded that there is reasonable assurance that the health and safety of the public will not be endangered. This finding is supported by our enclosed Safety Evaluation.

Accordingly, Amendment No. 11 to Facility Operating License No. DPR-29 is enclosed authorizing those changes necessary to the license and the Technical Specifications to permit Commonwealth to operate Quad-Cities Unit 1 with mixed oxide fuel assemblies.

June 7, 1974

A copy of a notice of the license amendment which is being forwarded to the Office of the Federal Register for publication relating to the amendment issuance is enclosed for your information.

Sincerely,



Karl R. Goller, Assistant Director
for Operating Reactors
Directorate of Licensing

Enclosures:

1. Amendment No. 11 to License
No. DPR-29
2. Safety Evaluation
3. Federal Register Notice

cc w/enclosures:

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company
206 East Second Avenue
Davenport, Iowa 52801

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza
Chicago, Illinois 60670

Anthony Z. Roisman, Esquire
Berlin, Roisman and Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Mr. Robert W. Watts, Chairman
Rock Island County Board of
Supervisors
Rock Island County Courthouse
Rock Island, Illinois 61201

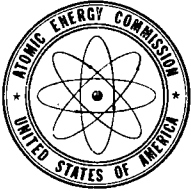
Moline Public Library

cc w/enclosures and cy of CECO
ltr dtd 3/18/74:

Mr. Leroy Stratton
Bureau of Radiological Health
Illinois Department of Public Health
Springfield, Illinois 62706

Mr. Gary Williams
Federal Activities Branch
Environmental Protection Agency
1 N. Wacker Drive, Room 822
Chicago, Illinois 60606

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

June 5, 1974

Docket No. 50-254

J. Salteman
WJK
Discontinue
File amendment only in
file cabinet by special file
for Quad-Cities 50-254

Commonwealth Edison Company
ATTN: Mr. J. S. Abel
Nuclear Licensing Administrator -
Boiling Water Reactors
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

By letter dated February 28, 1974, and supplemented by your letter dated January 28, 1974, you requested authorization to operate the Quad-Cities Unit 1 with 7 x 7 and 8 x 8 reload fuel assemblies for the first refueling of the Unit 1 core. In addition, your letter dated March 18, 1974, submitted proposed changes to the Appendix A, Technical Specifications of DPR-29, associated with the first refueling of the Quad-Cities Unit 1 core.

We have reviewed the above submittals and have concluded that there is reasonable assurance that the health and safety of the public will not be endangered by operation of Quad-Cities Unit 1 with the first reload core, as described in the above submittals, and implementation of the proposed changes to the Technical Specifications (Appendix A) to DPR-29.

Accordingly, Amendment No. 10 to the Quad-Cities Unit 1 Facility Operating License No. DPR-29 ~~is enclosed~~ revising the Technical Specifications thereto to authorize operation of the Quad-Cities Unit 1 facility with the first reload core. Our related Safety Evaluation is enclosed.

A copy of a notice which is being forwarded to the Office of the Federal Register for publication relating to this action also is enclosed for your information.

Sincerely,

Karl R. Goller

Karl R. Goller
Assistant Director
for Operating Reactors
Directorate of Licensing

Enclosures and cc: See next page

June 5, 1974

Enclosures:

1. Amendment No. 10 to DPR-29
2. Safety Evaluation
3. Federal Register Notice

cc w/enclosures:

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company
206 East Second Avenue
Davenport, Iowa 52801

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza
Chicago, Illinois 60670

Moline Public Library
504 - 17th Street
Moline, Illinois 61265

Mr. Robert W. Watts, Chairman
Rock Island County Board of
Supervisors
Rock Island County Courthouse
Rock Island, Illinois 61201

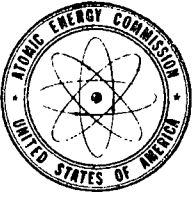
cc w/enclosures & cy of CE's
ltr dtd 3/18/74:

Mr. Gary Williams
Federal Activities Branch
Environmental Protection Agency
1 N. Wacker Drive
Chicago, Illinois 60606

Mr. Leroy Stratton
Bureau of Radiological Health
Illinois Department of Public Health
Springfield, Illinois 62706

Anthony Z. Roisman, Esquire
Berlin, Roisman and Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

May 24, 1974

Docket Nos. 50-254 and 50-265

J. Saltzman
but file have
amendment in appropriate
indexing files

Commonwealth Edison Company
ATTN: Mr. J. S. Abel
Nuclear Licensing Administrator -
Boiling Water Reactors
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

Your letter dated January 23, 1974, proposed changes to Appendix A of Facility Licenses DPR-29 and DPR-30 for Quad-Cities Units 1 and 2, respectively, and revisions to the Final Safety Analysis Report (FSAR) for these facilities.

The proposed changes to the Technical Specifications involve revising the title of the generation control network from Automatic Dispatch System (ADS) to Economic Generation Control System (EGC). Since these changes relate only to the name of the system, we have concluded that operation in accordance with the proposed changes does not involve a significant hazards consideration and that there is reasonable assurance that the health and safety of the public will not be endangered.

Accordingly, Amendment Nos. 9 and 5 to Facility Operating Licenses Nos. DPR-29 and DPR-30, respectively, are enclosed revising the Technical Specifications thereto to authorize the requested changes. A copy of a notice which is being forwarded to the Office of the Federal Register for publication relating to this action is also enclosed for your information.

Sincerely,

Karl R Goller

Karl R. Goller, Assistant Director
for Operating Reactors
Directorate of Licensing

Enclosures and cc: See next page

May 24, 1974

Enclosures:

1. Amendment No. 9 to License DPR-29
Amendment No. 5 to License DPR-30
2. Federal Register Notice

cc w/enclosures:

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company
206 East Second Avenue
Davenport, Iowa 52801

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza
Chicago, Illinois 60670

Anthony Z. Roisman, Esquire
Berlin, Roisman and Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Mr. Robert W. Watts, Chairman
Rock Island County Board of
Supervisors
Rock Island County Courthouse
Rock Island, Illinois 61201

Moline Public Library

cc w/enclosures & cy of CE's filing
dtd 1/23/74:

Mr. Leroy Stratton
Bureau of Radiological Health
Illinois Department of Public Health
Springfield, Illinois 62706

Mr. Gary Williams
Federal Activities Branch
Environmental Protection Agency
1 N. Wacker Drive, Room 822
Chicago, Illinois 60606



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

50-254

70-1280

April 16, 1974

Mr. Jerry Saltzman
Asst. Chief-Office of Anti-Trust
and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Office of Regulation - Wall Lane
Washington, D. C. 20545

Dear Mr. Saltzman:

Enclosed is Amendment No. 7 to Indemnity
Agreement No. B-47. This has been signed by both
Commonwealth Edison Company and Iowa-Illinois Gas
and Electric Company.

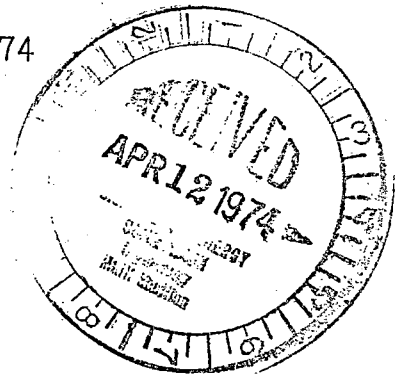
Sincerely,

Robert D. Poole
Insurance Administrator



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

April 9, 1974



Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust & Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Saltzman:

Pursuant to the requirements of part 140.15
of the Commission's Regulations enclosed are eight
certified copies of the following endorsements:

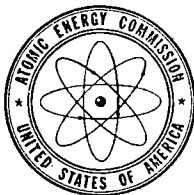
<u>Docket No.</u>	<u>Station</u>	<u>Policy No.</u>	<u>End. No.</u>
50-10	Dresden	NELIA NF-43	91 & 92
		MAELU MF-22	75
50-254	Quad-Cities	NELIA NF-187	37 & 38
		MAELU MF-54	29
50-295	Zion	NELIA NF-201	23 & 24

Very truly yours,

J. Oster
Insurance Analyst

3203

3203



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

MAR 20 1974

Docket Nos. 50-254
and 70-1280

Commonwealth Edison Company
Iowa-Illinois Gas and Electric Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting the amendment to 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective March 1, 1974. The amendment to Part 140, a copy of which is also enclosed, gives effect to the recent increase from \$95 million to \$110 million in available nuclear energy liability insurance provided by Nuclear Energy Liability Insurance Association and Mutual Atomic Energy Liability Underwriters.

We would appreciate your indicating your acceptance of the amendment to your indemnity agreement in the space provided and returning one signed copy. If you have any questions about the foregoing, please let us know.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome Saltzman".

Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Directorate of Licensing

Enclosures:

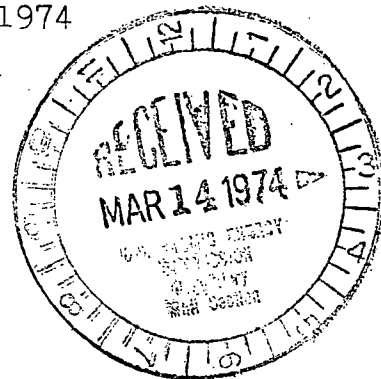
1. Amendment to Indemnity Agreement (3)
2. Amendment to 10 CFR Part 140



Commonwealth Edison
One First National Plaza Chicago, Illinois
Address Reply to: Office Box 767
Chicago, Illinois 60690

March 5, 1974

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust & Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15
of the Commission's Regulations, enclosed are eight
certified copies of Endorsement No. 28 to Mutual Atomic
Energy Liability Underwriters facility form Policy No.
MF-54.

Very truly yours,

J. Oster
J. Oster
Insurance Analyst

2144

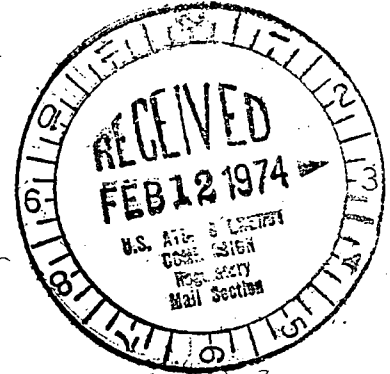


Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

February 5, 1974

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust & Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254



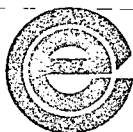
Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight certified copies of Endorsement No. 27 to Mutual Atomic Energy Liability Underwriters facility form Policy No. MF-54.

Very truly yours,

J. Oster

J. Oster
Insurance Analyst

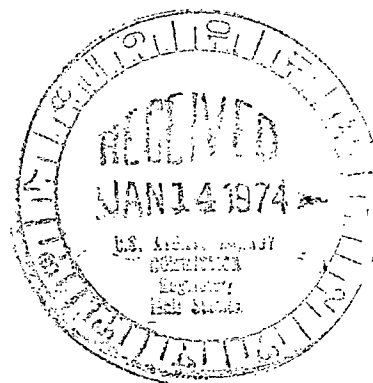


Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

January 8, 1974

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust and
Indemnity Directorate of
Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

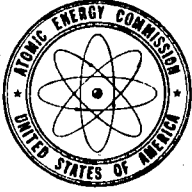


Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight certified copies of Endorsement No. 35 to Nuclear Energy Liability Insurance Association facility for Policy No. NF-187.

Very truly yours,

J. Oster
J. Oster
Insurance Analyst



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

August 24, 1973

J. Saltzman
Dintz
file amendment
with energy
appropriate indent file

Docket No. 50-254

Commonwealth Edison Company
ATTN: Mr. Byron Lee, Jr.
Vice President
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

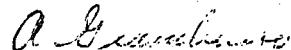
We have completed our review of that portion of your July 11, 1973 application for the receipt, possession and use of an additional 2,000 kilograms of uranium 235 to permit replacement fuel for Quad-Cities Unit 1 to be readily available for use from your fuel storage vault. From our review, we have concluded that the application complies with the applicable Commission rules and regulations and that the issuance of the amendment for the additional material will not be inimical to the common defense and security or to the health and safety of the public. Since the increase in the uranium 235 limit is only to permit the replacement of depleted fuel elements with new elements of the same type and does not alter the previously approved operations and procedures, we also have concluded that this action does not involve a significant hazards consideration.

Accordingly, Amendment No. 6 to Facility Operating License No. DPR-29 is enclosed authorizing you to receive, possess and use up to 5,000 kilograms of uranium 235 for use in connection with operation of the subject facility. A copy of a related notice which is being filed with the Office of the Federal Register for publication also is enclosed.

August 24, 1973

As requested in your teletype dated July 26, 1973, our review of that portion of your July 11, 1973 application for eight kilograms of plutonium will be reviewed separately at a later date.

Sincerely,



A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Enclosures:

1. Amendment No. 6 to DPR-29
2. Federal Register Notice

cc w/enclosures:

Charles Whitmore
President-Chairman
Iowa-Illinois Gas and Electric Company
206 East Second Avenue
Davenport, Iowa 52801

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza
Chicago, Illinois 60670

Moline Public Library
504 - 17th Street
Moline, Illinois 61265

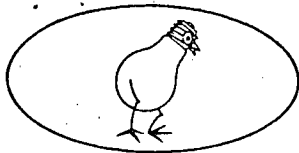
Mr. Robert W. Watts, Chairman
Rock Island County Board of Supervisors
Rock Island County Courthouse
Rock Island, Illinois 61201

Mr. Jerry Addy, Commissioner
Bureau of Labor
Office and Laboratory Building
East 7th and Court Avenue
Des Moines, Iowa 50319

Arnold M. Reeve, M. D.
Commissioner of Public Health
State Department of Health
Robert Lucas Building
Des Moines, Iowa 50319

cc w/enclosures & cy each of CEC's
7/11/73 and 7/26/73 filings:
Mr. Leroy Stratton
Bureau of Radiological Health
Illinois Department of Public Health
Springfield, Illinois 62706

Mr. Robert D. Ray
Governor of Iowa
Des Moines, Iowa 50319



Saltzman

Commonwealth Edison Company

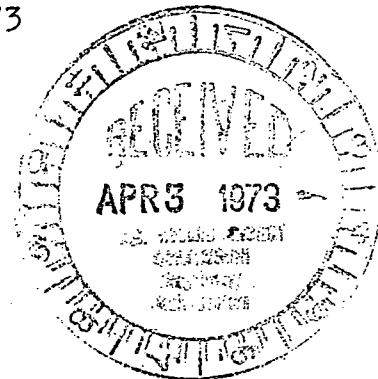
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

March 30, 1973

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-254

Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight certified copies of Endorsements No. 25 and 26 to Mutual Atomic Energy Liability Underwriters facility form Policy No. MF-54. These endorsements adjust the premium for the calendar years 1972 and 1973.

Very truly yours,

R. D. Poole
R. D. Poole
Insurance Administrator

March 21, 1973

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Saltzman:

Re: Quad-Cities
Docket No. 50-254

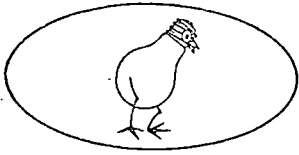
Pursuant to the requirements of Part 140.15 of the Commission's Regulations, enclosed are eight certified copies of Endorsement No. 33 and 34 to Nuclear Energy Liability Insurance Association facility form Policy No. NF-187. These endorsements adjust the premium for the calendar years 1972 and 1973.

Very truly yours,

R. D. Poole

R. D. Poole
Insurance Administrator





DOCKET NO. 50-254, 70-1280

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

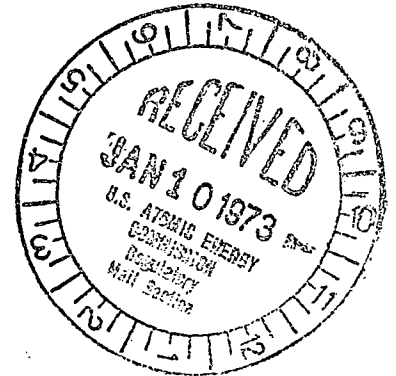
Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

January 4, 1973

Mr. Jerome Saltzman, Asst. Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254



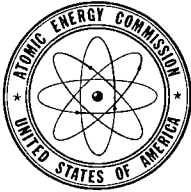
Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsements No. 23 and 24 to the Mutual Atomic Energy Liability Underwriters facility form Policy No. MF54.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

Very truly yours,

R. D. Poole
Robert D. Poole
Insurance Administrator



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

December 26, 1972

Docket Nos. 50-254
50-265

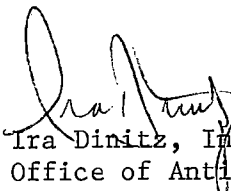
Files

Increase in Indemnity - Commonwealth Edison Company (Quad Cities)

On December 14, 1972, the Division of Reactor Licensing issued Amendments Nos. 5 and 3 to Operating Licenses Nos. DPR-29 and DPR-30, respectively, authorizing operation of the Quad Cities Nuclear Power Station Units 1 and 2 each continuously at steady state power levels up to 2511 MWt (full-power).

Effective on the same date the Controller could increase the indemnity fee to Commonwealth Edison Company for each of these operating licenses to \$75,330 per year or a total fee for the two units of \$150,660 per year.

There are no changes that need to be made to the indemnity agreement covering these two units.


Ira Dinitz, Indemnity Specialist
Office of Antitrust & Indemnity
Directorate of Licensing

DISTRIBUTION:
Docket File(s)
Indemnity File ←
OAI
Dinitz RF

Robert L. Leith, Chief
Central Accounts Branch
Office of the Controller

CHANGE IN ANNUAL INDEMNITY FEE - DOCKET 50-254 and 50-265

In accordance with 10 CFR 140.7 and in view of the licensing action indicated below, please change the annual indemnity fee with respect to the licensee shown:

Licensee Commonwealth Edison Company (Quad Cities Units 1 & 2)

License number DPR-29 and DPR-30

License action Increase in power levels

Old power level 2260 each Mwt

New power level 2511 each Mwt

Indemnity action Amendment Issued Agreement #

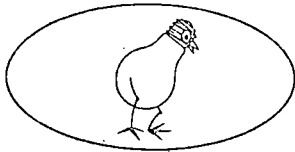
Old fee \$67,800 per year per unit

NEW FEE \$75,330 per year per unit (\$150,660 total)

EFFECTIVE DATE 12/14/72

SIGNED, IRA DINITZ

Ira Dinitz, Indemnity Specialist
Office of Antitrust and Indemnity
Directorate of Licensing



Commonwealth Edison Company

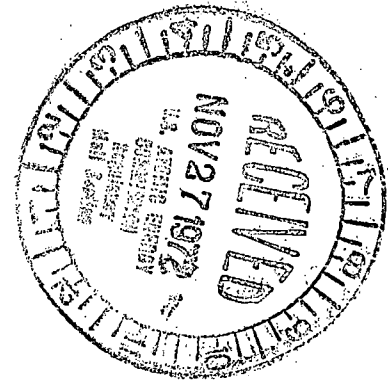
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

November 22, 1972

Mr. Jerome Saltzman
Assistant Chief
Office of Anti-Trust and
Indemnity Directorate of
Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-254

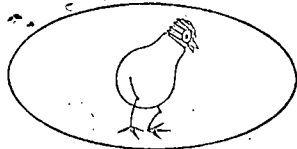
Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsements No. 31 and 32 to the Nuclear Energy Liability Insurance Association facility form Policy No. 187.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

Very truly yours,

Robert D. Poole
Insurance Administrator



EXTRA

EXTRA

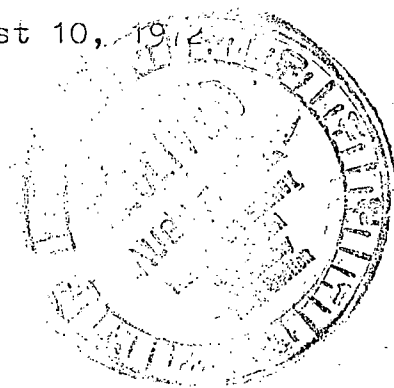
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

August 10, 1972



Mr. Jerome Saltzman Assistant Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docker No. 50-254

Dear Mr. Saltzman:

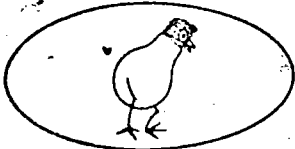
Pursuant to the requirements of Part 140.15 of the Commission's Regulations enclosed are certified copies of endorsement No. 22 of the Mutual Atomic Energy Liability Underwriters facility form Policy No. ME-54. This endorsement adjusts the premium for the calendar year of 1972.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

Robert D. Poole
Insurance Administrator

F 4562



EXTRA

Printed
check

Commonwealth Edison Company

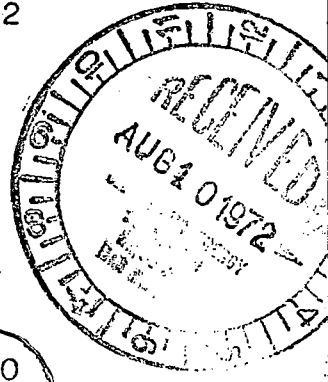
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

August 8, 1972

Mr. Jerome Saltzman, Assistant Chief
Office of Antitrust and Indemnity
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities Station
Docket No. 50-254 and 70-1280

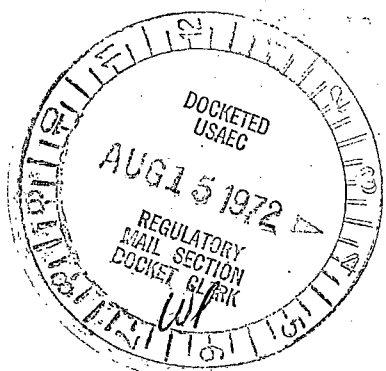
Dear Mr. Saltzman:

In response to your letter of August 3, eight certified copies of Endorsement No. 19 (Supplementary Endorsement Waiver of Defenses Reactor Construction at the Facility) to NELIA Policy No. NF-187 were mailed to your office on January 17th of this year. Attached is a copy of both the letter and the endorsement.

For some reason your office did not acknowledge any of the endorsements we filed during the months of January and February. You may remember that I spoke to you about this problem.

Following is a list of endorsements to Quad-Cities liability policies which as yet have not been acknowledged by your office.

<u>Policy</u>	<u>End. No.</u>	<u>Date Mailed</u>
NELIA NF-187	17	2-08-72
	18	1-06-72
	19	1-17-72
	20	1-11-72
	21	2-08-72
	22	2-16-72
	23	2-08-72
MAELU MF-54	Policy Plus End. 1 thru 11	1-14-72
	12	1-27-72
	13	2-25-72



Sincerely yours,
R D Poole

Robert D. Poole
Insurance Administrator

4437

AUG 3 1972

Docket No.
Agreement No. 50-254 and 70-1280
B-47

ATTN: R. D. Poole, Insurance Administrator

rec'd 8/8

Commonwealth Edison Company and
Iowa-Illinois Gas & Electric Company
P.O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are presently reviewing our files and note that the following endorsements to your nuclear liability insurance policies have not been received:

Advance Premium Endorsement and Standard Premium
and Reserve Premium Endorsement Calendar Year 1972.

() NELIA
() MAELU

- () Change of NELIA address
- () Increase in NELIA limit of liability to \$73,625,000.
- () Increase in MAELU limit of liability to \$21,375,000.

Supplementary Endorsement Waiver of Defenses.

() NELIA
() MAELU

In addition, we have not received the following endorsements and signed copies of the following indemnity agreements or amendments thereto:

We would appreciate your providing us with this information as soon as possible. If you have any questions, please do not hesitate to contact us.

Sincerely,

Signed, Jerome D. Saltzman

Jerome Saltzman, Assistant Chief
Office of Antitrust and Indemnity
Directorate of Licensing

DISTRIBUTION:

PDR
OAI RF
JSaltzman RF
IDinitz RF

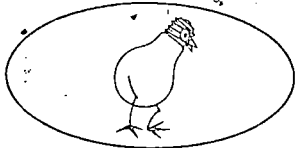
Indemnity File 
Docket File

L:OAI
IDinitz

L:OAI
JSaltzman

EXTRA

Robert D. Poole



Commonwealth Edison Company

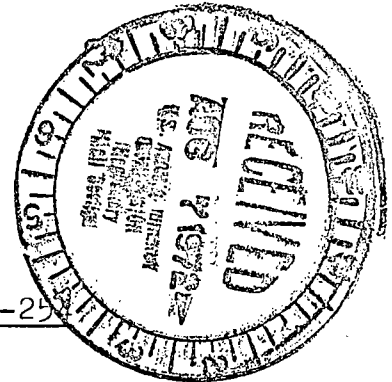
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

July 31, 1972

Mr. Jerome Saltzman, Assistant Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-29

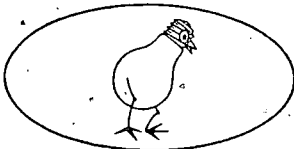
Dear Mr. Saltzman:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 30 of the Nuclear Energy Liability Insurance Association facility from Policy No. NF-187.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

Very truly yours,

Robert D. Poole
Insurance Administrator



EXTRA

EXTRA

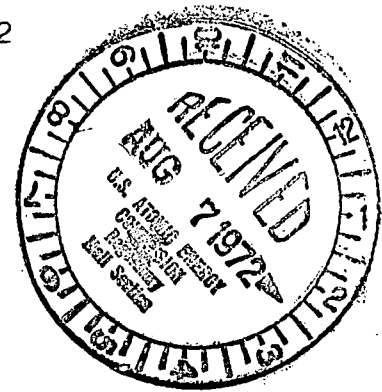
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

July 31, 1972



Mr. Jerome Saltzman, Assistant Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

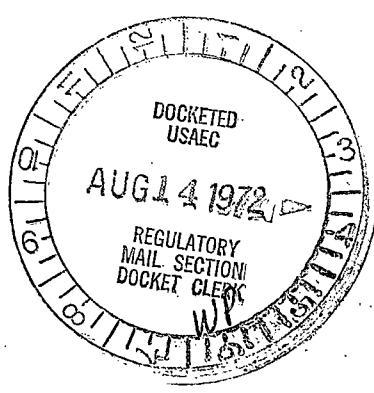
Dear Mr. Saltzman:

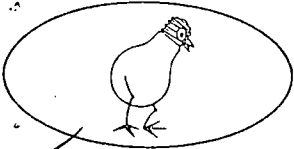
Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsements Nos. 18, 19, 20, and 21 of the Mutual Atomic Energy Liability Underwriters facility from Policy No. MF-54.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

Very truly yours,
R D Poole

Robert D. Poole
Insurance Administrator





REGULATORY FILE CY

EXTRA *Handwritten notes*

EXTRA

Commonwealth Edison Company

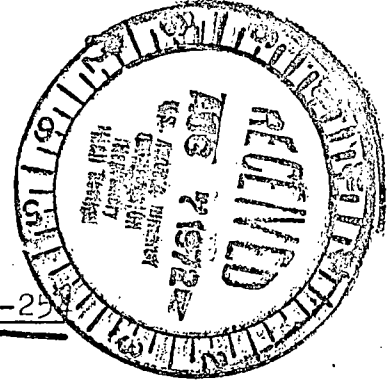
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

July 31, 1972

Mr. Jerome Saltzman, Assistant Chief
Office of Anti-Trust and Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-25

Dear Mr. Saltzman:

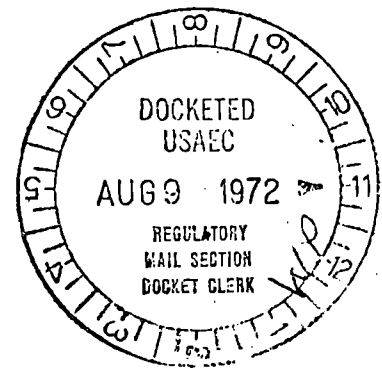
Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 30 of the Nuclear Energy Liability Insurance Association facility from Policy No. NF-187.

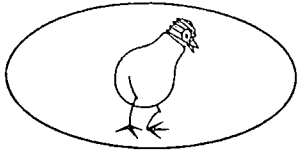
To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

Very truly yours,

Robert D. Poole

Robert D. Poole
Insurance Administrator





DOCKET NO.

50-254
70-1200

Doyle

EXTRA

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

June 2, 1972

Mr. Jerome Saltzman, Asst. Chief
Office of Anti-Trust & Indemnity
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Saltzman:

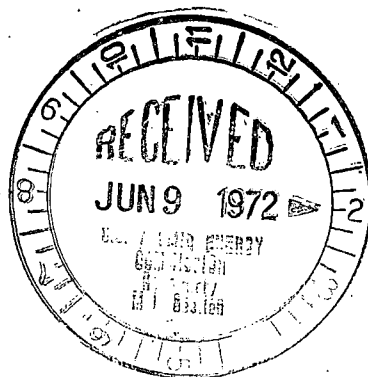
Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 28 of the Nuclear Energy Liability Insurance Association facility form Policy No. NF-187.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

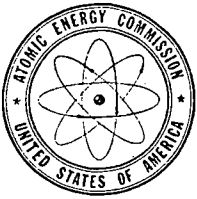
Very truly yours,

R. D. Poole

R. D. Poole
Insurance Administrator



3220



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

F-11

JUN 9 1972

Files

INCREASE IN INDEMNITY FEE - COMMONWEALTH EDISON COMPANY - DOCKETS 50-254 AND 50-265

On May 12, 1972, the Division of Reactor Licensing issued Amendment No. 3 to Operating License DPR-29 and Amendment No. 1 to Operating License No. DPR-30, both to the Commonwealth Edison Company authorizing operation of the Quad-Cities Nuclear Power Station Units 1 and 2 each at steady state power levels up to 2260 megawatts thermal.

Effective on the same date the Controller could increase the indemnity fee to Commonwealth Edison Company for each of these operating licenses to \$67,800 per year or a total fee for the two Units of \$135,600 per year.

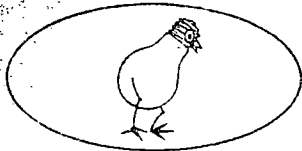
There are no changes to the indemnity agreement covering the Quad-Cities plant brought about by these amendments to the operating licenses.

Jerome Saltzman
Assistant Chief
Office of Antitrust and Indemnity
Directorate of Licensing

cc: OGC
OC

Indemnity ←

Extra



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

May 12, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

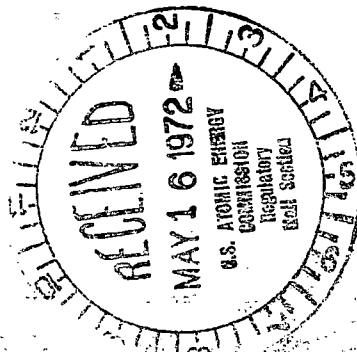
Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsements No. 26 and 27 of the Nuclear Energy Liability Insurance Association facility form Policy No. NF-187.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

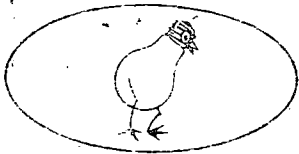
Very truly yours,

A handwritten signature in cursive script that reads "J. Oster".

J. Oster
Insurance Analyst



2682



50-257
70-280
DOCKET NO.

Extra

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Docket

April 21, 1972

Noted

Mr. Jerome Saltzman, Chief
Indemnity and Export Control
Branch
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

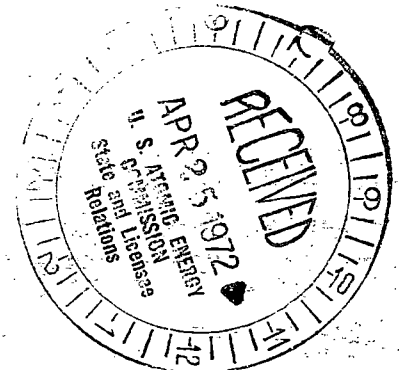
Dear Mr. Saltzman:

Enclosed is a signed copy of Amendment No. 6
to Indemnity Agreement B-47.

Very truly yours,

J. Oster

J. Oster
Insurance Analyst



MAR 3 1 1972

MAR 3 1 1972

Files

AMENDMENT NO. 6 TO INDEMNITY AGREEMENT NO. B-47 - COMMONWEALTH EDISON COMPANY AND IOWA-ILLINOIS GAS AND ELECTRIC COMPANY (QUAD-CITIES) - DOCKETS 50-254 AND 255

The Division of Reactor Licensing intends to issue Facility License No. DPR-30 authorizing the operation of the Quad-Cities Nuclear Plant Unit 2 at a power level of 502 megawatts thermal. At the same time the Division intends to amend Facility License No. DPR-29 covering the operation of Quad-Cities Nuclear Plant Unit 1 to raise the authorized power level to 502 megawatts thermal for that unit.

Effective on the same date as the Amendment to DPR-29 and the issuance of DPR-30 we intend to issue Amendment No. 6 to Indemnity Agreement No. B-47 to delete the coverage of the storage only license SW-1243 for Unit No. 2 and to substitute in its place the coverage for Facility License No. DPR-30. No change in the indemnified location is necessary. The two liability pools have already provided us with proof of financial protection for \$82 million so that no further proof of financial protection is required from the pools.

Effective on the same date as the actions taken by the Division of Reactor Licensing and our Amendment to Indemnity Agreement No. B-47 the Controller should charge Commonwealth Edison a new indemnity fee of \$15,060 per year for DPR-30 (Unit No. 2) and raise the indemnity fee for Unit No. 1 from \$100 per year to \$15,060 per year.

DISTRIBUTION:

CO
SLR R/F
I&EB R/F

Jerome Saltzman
Jerome Saltzman, Chief
Indemnity and Export
Control Branch
Division of State and
Licensee Relations

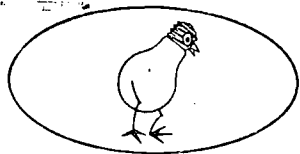
cc: GGG
OC - Baumgardner

CRESS M/C
#219-240 12/287

gl

SLR:I&EB
JSaltzman/gl
12/ /871

Jerome Saltzman



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

March 22, 1972

Docket

Noted
ED

Mr. Lyall Johnson, Director
Division of State and Licensee
Regulations
U.S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

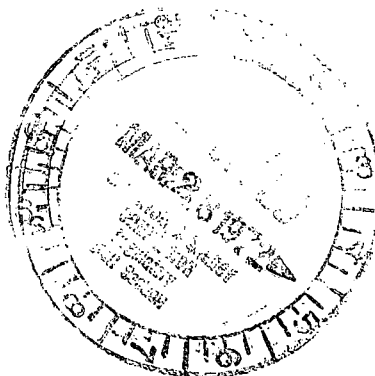
Dear Mr. Johnson:

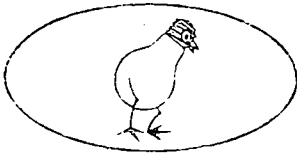
Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 25 of the Nuclear Energy Liability Insurance Association facility form Policy No. NF-187. This endorsement increases the 1972 advance premium.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator





DOCKET NO. 50-254

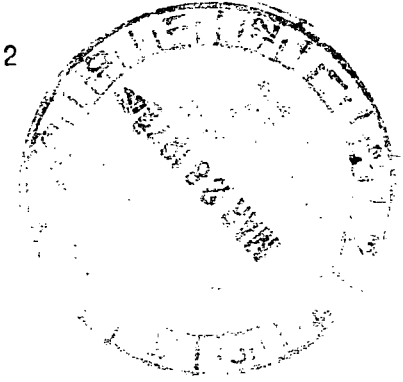
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

March 22, 1972



Mr. Lyall Johnson, Director
Division of State and Licensee
Regulations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsements No. 14, 15, 16 and 17 of the Mutual Atomic Energy Liability Underwriters facility form Policy No. MF-54.

To continue the practice followed in previous filings, eight copies of each endorsement are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator



50-254
POCKET NO. 70-1280

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Do
March 20, 1972

Mr. Jerome Saltzman, Chief
Indemnity and Export Control
Branch
Division of State and Licensee
Relations
U.S. Atomic Energy Commission
Washington, D. C. 20545

*Noted
0900*

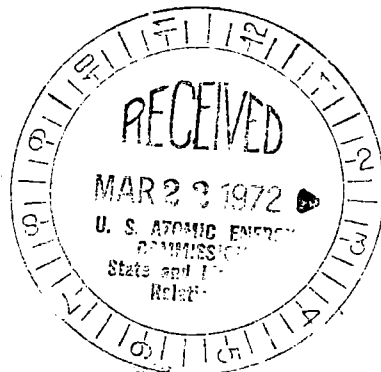
Dear Mr. Saltzman:

Enclosed is a signed copy of Amendment
No. 5 to Indemnity Agreement B-47.

Very truly yours,

J. Oster

J. Oster
Insurance Analyst



DISTRIBUTION:

Branch R/F

SLR R/F

Indemnity Files:

Duke

MAR 6 1972 Commonwealth Edison (Quad Cities)

Consolidated Edison

Florida P&L

Consumers (Palisades)

PSC of Colorado

Wisconsin Electric

VEPCO

Indemnity Misc.

NOTE to Lyall Johnson

INDEMNITY STATUS OF REACTORS NEARING OLS

On March 1, 1972, you requested that I indicate what indemnity action would have to be taken for specified reactors before an OL can be issued. Here is the information you requested and the further actions I have taken on the basis of our conversation.

1. All of the reactors named below are licensed for either storage-only of fuel, or for low power operation or preoperational testing under an OL.
2. No amendments to existing indemnity agreements would be necessary for Palisades, Quad Cities 1, Indian Point 2 and Point Beach 2. These four all have OLS and are indemnified for \$95 million. We would inform the Controller to raise the indemnity fee effective on the date of any authorized increase in power level for these reactors, but this indemnity action can take place after the DRL action is completed.
3. An amendment to delete the SNM and substitute in its place the OL would be required at such time as an OL is issued for Quad Cities 2.
4. Amendments to substitute the OL license numbers for the SNM license numbers, require \$95 million in place of \$1 million in financial protection, add the MAELU policy numbers, and broaden the indemnified site would be necessary before OLS could be issued to Oconee, Fort St. Vrain, Surry 1 and Turkey Point 3. We will need telegrams from NELIA and MAELU that they have issued the appropriate endorsements to their policies. In connection with these reactors, on March 1 I talked to Mr. Durphis of Ebasco, who handles insurance matters for Florida Power and Light, and on March 3 talked to Fox of Duke, Gaschler of PSC of Colorado, and Faulk of VEPCO, all of whom said they would send me a proposed broad site for use in the event an OL was issued for their respective reactors. I understand that you will be talking to DRL about designation of DPR license numbers for the reactors described above.

Jerome Saltzman

OFFICE ▶	SLR: I&EC JS Saltzman: ap		Jerome Saltzman		
SURNAME ▶					
DATE ▶	3/6/72				

DISTRIBUTION:
Licensee
File
PDR
CO
OGC
OC
Indemnity
Desk

Docket Nos. 50-254
70-1280

Commonwealth Edison Company and
Iowa-Illinois Gas & Electric Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P.O. Box 767
Chicago, Illinois 60690

MAR 1 1972

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting the amendment to 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective March 1, 1972. The amendment to Part 140, a copy of which is also enclosed, gives effect to the recent increase from \$82 million to \$95 million in available nuclear energy liability insurance provided by Nuclear Energy Liability Insurance Association and Mutual Atomic Energy Liability Underwriters.

We will appreciate your indicating your acceptance of the amendment to your indemnity agreement in the space provided and returning one signed copy. If you have any questions about the foregoing, please let us know.

Sincerely,

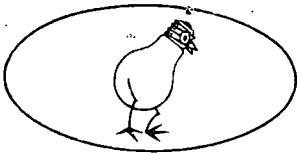
Jerome Saltzman

Jerome Saltzman, Chief
Indemnity and Export Control Branch
Division of State and
Licensee Relations

Enclosures:

1. Amendment to Indemnity Agreement
2. Amendment to 10 CFR 140

CRESS	SLR					
T3061, R02	OFFICE ▷					
T3062, R41 dp	SURNAME ▷ JSaltzman:dp					
2/15/72	DATE ▷ 2/16/72					



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

February 29, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

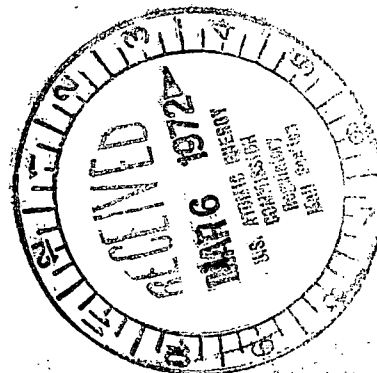
Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 24 of the Nuclear Energy Liability Insurance Association facility form Policy No. NF-187. This endorsement increases the policy limits to \$73,625,000.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator



1227

TWX NR 303

USAEC HQS GTWN

VIA WU ISCS (AT 056NN624057)02/25/72
FROM: IPMGXNA NYK

ZCZC 020 PDB FAX AGNA NEW YORK NY 25 1058A EST
TLX 8-9569 USAEC HQS GTWN

BT
UNITED STATES ATOMIC ENERGY COMMISSION
GERMANTOWN

ADD
MD

ATTENTION: J SALTZMAN, DIVISION OF STATE & LICENSEE RELATIONS
THIS WILL CONFIRM THAT MAELU HAS ISSUED ENDORSEMENTS
INCREASING THE LIMIT OF LIABILITY FROM !18,450,000 TO
!21,375,000 EFFECTIVE MARCH 1, 1972 WITH RESPECT TO THE
FOLLOWING INSURED:

COMMONWEALTH EDISON CO - DRESDEN 1 2 3	(MF 22)
YANKEE ATOMIC ELECTRIC COMPANY	(MF 26)
CONSOLIDATED EDISON CO OF NEW YORK	(MF 29)
SOUTHERN CALIFORNIA EDISON COMPANY	(MF 38)
CONNECTICUT YANKEE ATOMIC POWER COMPANY	(MF 39)
NIAGARA MOHAWK POWER CORPORATION	(MF 46)
JERSEY CENTRAL POWER AND LIGHT COMPANY	(MF 44)
ROCHESTER GAS & ELECTRIC COMPANY	(MF 47)
CONNECTICUT LIGHT & POWER COMPANY	(MF 52)
NORTHERN STATES POWER COMPANY - MONTICELLO	(MF 51)
WISCONSIN ELECTRIC POWER COMPANY - POINT BEACH 1 & 2	(MF 53)
CAROLINA POWER AND LIGHT COMPANY	(MF 49)
COMMONWEALTH EDISON COMPANY - QUAD CITIES	(MF 54)

D E KUIZENGA
MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

CFM !18,450,000 !21,375,000 1 1972. 1 2 3 MF 22 MF 26 MF 29
MF 38 MF 39 MF 46 MF 44 MF 47 MF 52 MF 51 1 2 MF 53 MF 49 MF 54

NNNN(1157A EST)

USAEC HQS GTWN

M



TWX NR 302

USAEC HQS GTWN

VIA WU ISCS (AT 056NN624046)02/25/72
FROM: IPMEHNA NYK
ZCZC 003 CHNA PDB CH NEW YORK NY 25 948A EST
TLX 8-9569 USAEC HQS GTWN
U.S. ATOMIC ENERGY COMMISSION
ATTN J SALTZMAN DIV OF STATE AND LICENSEE RELATIONS
GERMANTOWN MD

BT

THIS WILL CONFIRM THAT NELIA HAS ISSUED ENDORSEMENTS INCREASING THE LIMIT OF LIABILITY FROM !63,55000 TO !73,625,000 EFFECTIVE MARCH 1, 1972 WITH RESPECT TO THE FOLLOWING INSUREDS:

COMMONWEALTH EDISON COMPANY- DRESDEN I, II & III	(NF-43)
YANKEE ATOMIC ELECTRIC COMPANY	(NF-76)
CONSOLIDATED EDISON COMPANY OF NEW YORK	(NF-100)
SOUTHERN CALIFORNIA EDISON COMPANY	(NF-146)
CONNECTICUT YANKEE ATOMIC POWER COMPANY	(NF-151)
NIAGARA MOHAWK POWER CORPORATION	(NF-161)
JERSEY CENTRAL POWER AND LIGHT COMPANY	(NF-164)
ROCHESTER GAS & ELECTRIC CORPORATION	(NF-170)
CONNECTICUT LIGHT AND POWER COMPANY	(NF-173)
NORTHERN STATES POWER COMPANY- MONTICELLO	(NF-174)
WISCONSIN ELECTRIC POWER COMPANY-POINT BEACH I & II	(NF-178)
CAROLINA POWER AND LIGHT COMPANY	(NF-180)
COMMONWEALTH EDISON COMPANY - QUAD CITIES	(NF-187)

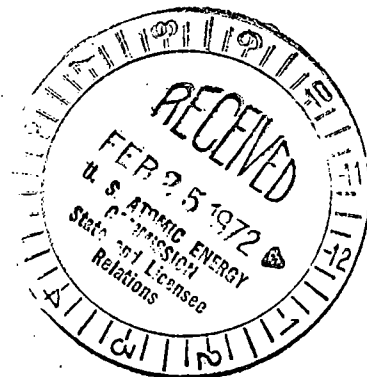
NUCLEAR ENERGY LIABILITY INS. ASSOC.
CHARLES R BARDES
UNDERWRITING MANAGER

163,550,000 !73,625,000 1 1972 NF-43 NF-76 NF-100 NF-146 NF-151
NF-161 NF-164 NF-170 NF-173 NF-174 NF-178 NF-180 NF-187
CCTN MK 15TH TXT WD RD !63,550,000 RPT !63,550,000

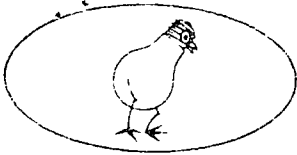
NNNN(1116A EST)

USAEC HQS GTWN

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DOCKET NO. 50-254

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

February 25, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Noted
[Signature]

Re: Quad-Cities
Docket No. 50-254

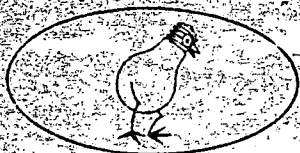
Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 13 of the Mutual Atomic Energy Liability Underwriters facility form Policy No. MP-54. This endorsement modifies condition 4 of the policy to read \$21,375,000.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

[Signature]
R. D. Poole
Insurance Administrator



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

February 16, 1972

Mr. Lyall Johnson, Director
Division of State & Licensee
Relations
U.S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 22 of Nelia facility form Policy No. NF-187. This endorsement amends the advance premium for the calendar year of 1972.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Yours very truly,

R. D. Poole
Insurance Administrator

DISTRIBUTION:
Licensee (2 orig.)
File
PDR
CO
OGC
OC
Indemnity
Desk

FEB 14 1972

Docket Nos. 50-254
70-1280

Commonwealth Edison Company and
Iowa-Illinois Gas & Electric Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P.O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to 19 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," which will become effective March 1, 1972. The amendment is being forwarded to the Federal Register for publication as an effective rule.

This amendment gives effect to the recent increase, from \$82 million to \$95 million, in available nuclear energy liability insurance provided by Nuclear Energy Liability Insurance Association and Mutual Atomic Energy Liability Underwriters. Inasmuch as you are a licensee of a facility for which the amount of financial protection required under Section 170b. of the Atomic Energy Act of 1954, as amended, and Section 140.11(a)(4) of 19 CFR Part 140, shall be the maximum amount available from private sources, it will be necessary that you submit, by March 1, 1972, proof of financial protection in the amount of \$95 million. Such proof may be in the form of endorsements to your nuclear energy liability insurance policies.

An appropriate amendment to your indemnity agreement is currently being prepared and will be forwarded to you upon receipt of proof of financial protection in the revised amount as stated above.

Please contact us if you have any questions with regard to the foregoing.

Sincerely,

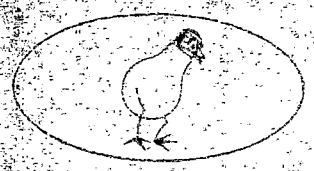
Original Signed by
Lyll Johnson

Lyll Johnson, Director
Division of State and
Licensee Relations

GRESS Enclosure: SLR OGC
T3061, R04 amendment to 19 CFR Part 140
T3062, R41 JSaltzman:dp
2/4/72 2/ 172 2/ 172

SLR
LJohnson
2/ 172

J. Johnson



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Docket

February 8, 1972

noted

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the
Commissions Regulations, enclosed are certified copies of the
following endorsements to Nelia Facility Form Policy No. NF-187.

<u>End. No.</u>	<u>Description</u>
17	Modifies the limit of liability in Item 4 of the declarations to read \$63,550,000
21	Adjusts the premium for the calendar year of 1971
23	Modifies Condition No. 4 of the policy to read \$73,625,000

To continue the practice followed in previous filings,
eight copies of each endorsement are enclosed.

Yours very truly,

R. D. Poole
Insurance Administrator

Extra



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to

POST OFFICE BOX 157 ★ CHICAGO, ILLINOIS 60690

January 27, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

*Noted
G.D.*



Re. Qualities
Socket No. 50-254

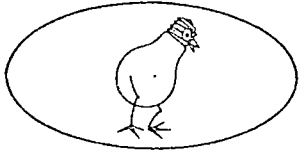
Dear Mr. Johnson:

Pursuant to the requirements of Part 110.15 of
the Commission's regulations enclosed are certified copies
of Endorsement No. 12 of the Mutual Atomic Energy Liability
Underwriters facility, Form Policy No. MF-54. This endorse-
ment sets the advance premium for the calendar year of 1972.

To continue the practice followed in previous
filings, eight copies of the endorsement are enclosed.

Very truly yours,

G. D. Peole



Dorbet Extra

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

January 17, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U.S. Atomic Energy Commission
Washington, D. C. 20545

noted
DP

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

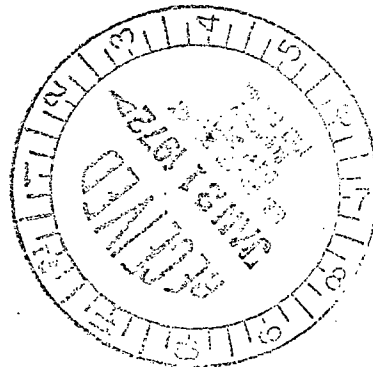
Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 19 of the Nuclear Energy Liability Insurance Association facility for Policy No. NF-187. This endorsement supplements Endorsement No. 6, "Waiver of Defenses".

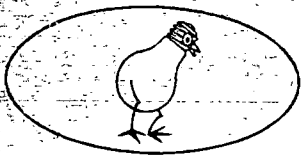
To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole

R. D. Poole
Insurance Administrator





Extra

Commonwealth Edison Company

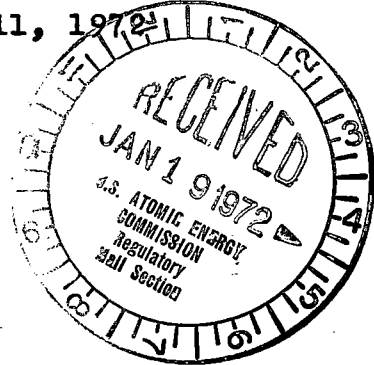
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

January 11, 1972

Mr. Lyall Johnson, Director
Division of State and License
Relations
U.S. Atomic Energy Commission
Washington, D. C. 20545



*noted
off*

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations, enclosed are certified copies of Endorsement No. 20 of the Nuclear Energy Liability Insurance Association facility for Policy No. NF-187. This endorsement sets the Advance Premium and Standard Premium for the calendar year of 1972.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator

January 17, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U.S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities
Docket No. 50-254

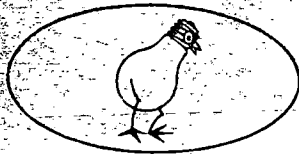
Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Endorsement No. 19 of the Nuclear Energy Liability Insurance Association facility for Policy No. NF-187. This endorsement supplements Endorsement No. 6, "Waiver of Defenses".

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator



Commonwealth Edison Company ^{Extra}

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

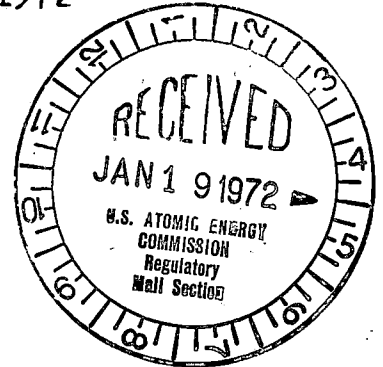
Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

January 14, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U.S. Atomic Energy Commission
Washington, D. C. 20545

*Noted
CJS*



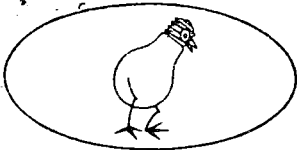
Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations enclosed are certified copies of Mutual Atomic Energy Liability Underwriters facility form policy MF-54, together with related endorsements 1-11, inclusive, providing \$18,450,000 of coverage on our Quad-Cities Nuclear Power Station, Cordova, Illinois. This coverage underlays the AEC indemnification provided by Indemnity Agreement No. B-47.

To continue the practice followed in previous filings, eight copies of the policy and endorsements are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator



Commonwealth Edison Company

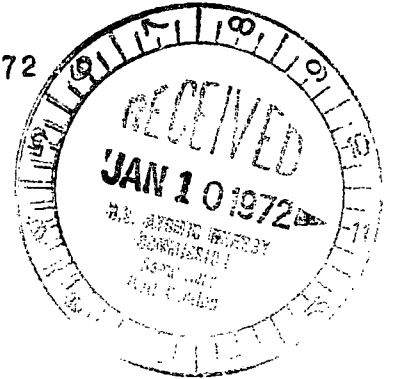
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

January 6, 1972

Mr. Lyall Johnson, Director
Division of State and Licensee
Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Quad-Cities
Docket No. 50-254

Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations, enclosed are certified copies of Endorsement No. 18 of the Nuclear Energy Liability Insurance Association facility from Policy No. NF-187. The endorsement amends Advance Premium and Standard Premium Endorsement No. 16.

To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole
R. D. Poole

Insurance Administrator

Docket Nos. 50-254
70-1280

DEC 9 1971

Commonwealth Edison Company and
Iowa-Illinois Gas & Electric Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P.O. Box 767
Chicago, Illinois 60690

Gentlemen:

We are enclosing herewith an amendment to your indemnity agreement reflecting the recent amendment to 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective December 14, 1971 (36 FR 21580, November 11, 1971).

The amendment to Part 140, a copy of which is also enclosed, clarifies that a licensee's workers who are employed at an indemnified site exclusively in connection with the construction of a nuclear reactor with respect to which no operating license has been issued by the Atomic Energy Commission, and who are not employed in connection with the possession, storage, use or transfer of special nuclear material at the facility, will maintain their rights under the waivers of defenses provisions of the facility form of nuclear liability insurance and of the indemnity agreement. The amendment sets forth the provisions of a new endorsement to the facility form of nuclear liability insurance policy furnished as financial protection and provides for amendment to the AEC indemnity agreement forms.

We will appreciate your executing the amendment to your indemnity agreement in the space provided and returning one signed copy. If you have any questions about the foregoing, please let us know.

Sincerely,

(Signed) Lyall Johnson

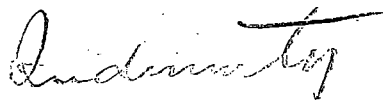
Lyall Johnson, Director
Division of State and
Licensee Relations

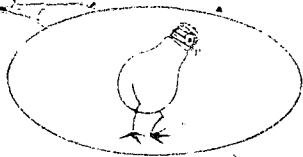
Enclosures:

1. Amendment to Indemnity Agreement
2. Amendment to 10 CFR Part 140

GRESS
T3061, R01
T3062, R41
11/24/71

SLR SLR
JSaltzman: dp LJohnson
11/ /71 11/ /71





50-254
SECRET NO. 70-1280

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Extra

October 7, 1971

Mr. Lyall Johnson, Director
Division of State and Licensee Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

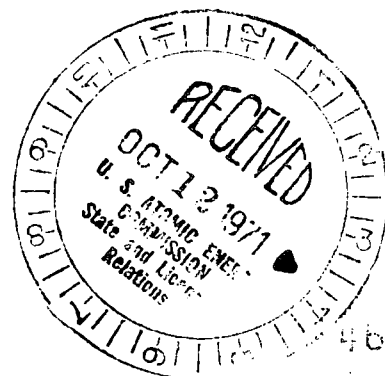
Dear Mr. Johnson:

Attached is a signed copy of Amendment No. 2
to Indemnity Agreement No. B-47.

Very truly yours,

R. D. Poole
Insurance Administrator

Encl.



5795

Nuclear Energy Liability Insurance Association

85 John Street, New York, N. Y. 10038

Phone: (212) 227-5342

Joseph Marrone
General Manager

William Hicks
Secretary-Treasurer

BUCKET NO. 50-254

Extra

Governing Committee:

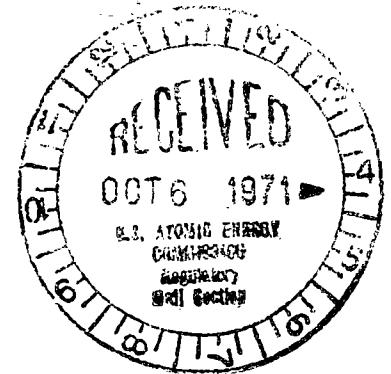
The Aetna Casualty and Surety Company
Continental Casualty Company
The Continental Insurance Company
Employers Commercial Union Companies
General Reinsurance Corporation
Hartford Accident and Indemnity Company
Insurance Company of North America
Royal-Globe Insurance Companies
The Travelers Indemnity Company

October 1, 1971

ACTION

Mr. Jerome Saltzman
Chief, Ind. & Export Control Branch
Div. of State & Licensee Relations
Atomic Energy Commission
Washington, D.C. 20545

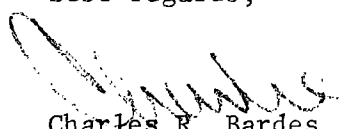
Commonwealth Edison Company
NELIA Policy NF-187
(Quad Cities Facility)



Dear Jerry:

This is to confirm my telegram of today wherein I indicated that NELIA has bound effective 12:01 AM today an increase in the limit under NF-187 from \$1,000,000 to \$63,550,000. The site description will remain that stated in Endorsement No. 15 of this policy.

Best regards,


Charles R. Bardes
Underwriting Manager

CRB:tmc

cc: Mr Charles T. Bollman - Marsh & McLennan, Inc., New York

#59 10/4/71 8:10am RLS

R B

TWX NR 058

\$

USAEC HQS GTWN

TLXA065 (02)PBO19 SYA016

SY AGB215 PDB FAX AG NEW YORK NY Q RWUP EDT

US ATOMIC ENERGY COMMISSION

TELEX NO 089-569

GERMANTOWN MD

ATTENTION: MR JEROME SALTZMAN, CHIEF, EXPORT CONTROL BRANCH
DIVISION OF STATE AND LICENSE RELATIONS

THIS IS TO CONFIRM THAT MUTUAL ATOMIC ENERGY LIABILITY
UNDERWRITERS HAS BOUND EFFECTIVE 12.01 AM OCTOBER 1, QOUQ
A NUCLEAR ENERGY LIABILITY INSURANCE FACILITY FORM POLICY
NO MF 54 COVERING COMMONWEALTH EDISON. COMPANYS QUAD-CITIES
FACILITY. THE POLICY LIMIT IS 118,450,000 AND THE SITE DESCRIPTION
WILL BE IDENTICAL TO THAT INDICATED IN ENDORSEMENT 15 OX
NELIA POLICY NF-187

DE KUIZENGA SECRETARY MUTUAL INSURANCE RATING BUR.

1201 AM 1 QOUQ MF 54 FQINRTPNPPP QT NF-187

(1150A OCT 3)

USAEC HQS GTWN

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58 10/4/71 8:10am RLS

R B

TWX 057

TL\$

USAEC HQS GTWN

WU WSH

TLXB086 (16) PD197

PH P NNC275 (AT 274NN528279)PD IPMCHPM NYK

0443P EDT10/01/71

ZCZC PQP RX PDB CH NEW YORK NY I RQUP EDT

U S ATOMIC ENERGY COMMISSION TELEX 089-569

GERMANTOWN MD

BT

ATTN J SALTZMAN DIV OF STATE AND LICENSEE RELATIONS

THIS TO TO CONFIRM THAT NELIA HAS BOUND EFFECTIVE 1201AM
OCTOBER 1, QOUQ AN INCREASE IN THE LIMIT OF LIABILITY FROM
DOLLARS 1,000,000 TO DOLLARS 63,550,000 UNDER POLICY NF-187
ISSUED TO COMMONWEALTH EDISON FOR ITS Q QUAD CITIES FACILITY
THE SITE DESCRIPTION WILL REMAIN THAT SHOWN ON ENDORSEMENT
NO 15 OF THE POLICY
LETTER WILL FOLLOW

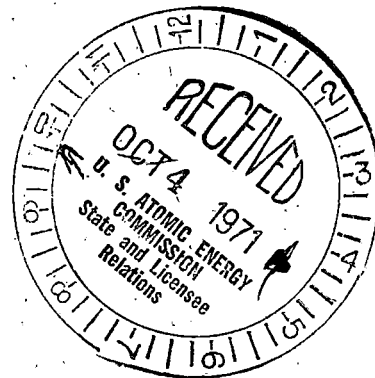
NUCLEAR ENERGY LIABILITY INS ASSOC CHARLES R BARDES
UNDERWRITIN G MANAGER

CFN TELEX 089-569 QWPQ Q QOUQ QNPPNPPP YENTIPNPPP NF 187 QT

NNNN(0447P EDT)

U613A EDT OCT 2 QOUQ

USAEC HQS GTWN



RB#
R B

OCT 1 1971

Files

AMENDMENT NO. 3 TO INDEMNITY AGREEMENT B-47 - COMMONWEALTH EDISON COMPANY AND IOWA-ILLINOIS GAS AND ELECTRIC COMPANY (QUAD-CITIES) DOCKET NO. 50-354

The Division of Reactor Licensing intends to issue Facility License No. DPR-29 authorizing the possession and operation of the Quad-Cities Nuclear Plant Unit 1 at a power level of 25 megawatts thermal pending environmental review in accordance with Appendix D of Part 50, before the reactor can go to a full power level of 2511 megawatts thermal.

The reactor is currently indemnified under Indemnity Agreement No. B-47 which covers the storage of fuel under Materials License SMI-1214 for the reactor under construction pursuant to Construction Permit No. CPFR-23. The indemnity agreement was amended on August 31, 1971, to increase the indemnified location to be essentially the entire site. On the date that DRL issues DPR-29, we will amend the indemnity agreement to add DPR-29 to the agreement and to delete SMI-1213; to increase the financial protection from \$1,000,000 to \$82,000,000; and to add the MAELU policy to the indemnity agreement. NELIA and MAELU will provide us with proof of financial protection effective prior to the issuance of DPR-29. No change in the indemnified location is necessary in view of Amendment 2 which puts the entire plant site under the indemnity agreement.

The requirement for \$82,000,000 financial protection is based on the wording of Section 140.12 of Part 140 and the interpretation placed on this wording, with regard to low power operation of nuclear power plants which are designed to be operated at 100 megawatts electric or more which was given in the case of Jersey Central's Oyster Creek Plant and Northern State Power Company's Monticello Plant.

Indemnity

OFFICE ▶					
SURNAME ▶					
DATE ▶					

The indemnity fee will increase from \$100 per year to \$750 per year effective on the date the issuance of Amendment No. 3 to Indemnity Agreement No. B-47 and the issuance of DPR-29. At the time the full power is authorized at the Quad-Cities Plant, the indemnity fee will go up again to reflect the higher level authorized.

Jerome Saltzman

Jerome Saltzman, Chief
Indemnity & Export
Control Branch
Division of State and
Licensee Relations

cc: Office of the General Counsel
Office of the Controller

DISTRIBUTION:

CO

SLR Reading

DR Reading

Indemnity File

File (Docket No.50-354)

(Docket No.70-1265

(Docket No. 70-1280)

GRESS, ASUS Ltr.2, F17 10/1/71 ebk	SLR J Saltzman 10/1/71	OGC 1/1/71				
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August 31, 1971

Commonwealth Edison Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

Enclosed for your review, signature, and return of one signed copy, is Amendment 2 to Indemnity Agreement B-47, which amends the indemnified location for preoperational storage of fuel at the Quad-Cities Nuclear Power Station.

Sincerely,

Jerome Saltzman

Jerome Saltzman, Chief
Indemnity and Export Control Branch
Division of State and Licensee
Relations

Enclosure:
Amendment 2 to
Indemnity Agreement B-47
(3 copies)

DISTRIBUTION:
File - (Docket No.70-1265)
(Docket No.70-1280)
(Docket No.50-254)
Indemnity File-Commonwealth
Edison Co.(Quad-Cities)
Branch R/F
SLR R/F
PDR

OFFICE ▶	SLR:I&EC JSaltzman:ap				
SURNAME ▶	9/1/71				
DATE ▶					

AUG 26 1971

Files

AMENDMENT NO. 2 TO INDEMNITY AGREEMENT NO. B-47 - COMMONWEALTH EDISON AND IOWA-ILLINOIS GAS AND ELECTRIC (QUAD-CITIES) DOCKET 70-1265 AND 70-1280

Commonwealth Edison Company in their letter of June 1, 1971, requested that we amend the indemnified location in Indemnity Agreement No. B-47, which covers the fuel storage for Quad-Cities Stations Units 1 and 2 to include the entire site. All of the fuel for Units 1 and 2 was returned to the supplier, General Electric Company, and is being returned to the Quad-Cities site at one time. In view of limitations of crane capacity and other technical problems, the licensees are unable to assure that the material will all be placed within the present indemnified location immediately. Inasmuch as some of the fuel, still in the shipping containers, may have to be temporarily stored elsewhere on the reactor site, the licensees have requested that we amend the site so that the fuel may be indemnified wherever it is stored at the plant.

Accordingly, we are issuing Amendment No. 2 to Indemnity Agreement B-47 to expand the site to be the entire Quad-Cities Nuclear Power Station. This was done once before with regard to the Monticello Station (Docket 50-263) where the licensee wished to have flexibility in moving the fuel anywhere within the plant site.

Upon receipt of notification from NELIA that they have issued an endorsement to their Policy No. NF-187 to bring the entire site under the financial protection, we will issue Amendment 2 to Indemnity Agreement B-47. The Division of Materials Licensing has concurred that fuel in the shipping containers can be stored anywhere on the new indemnified site provided storage is in accordance with the conditions given in Item 6, "Fuel Storage Conditions" of Exhibit A to the licensee's application dated September 25, 1970.

Indemnity

Inasmuch as the licensed activities are still limited to the preoperational storage of fuel for the two units, there is no increase at this time in the required financial protection nor is there any change in the indemnity fees.

Signed, G. James Holloway, Jr.

for

Jerome Saltzman, Chief
Indemnity and Export
Control Branch
Division of State and
Licensee Relations

cc: OGC
M. L. Baumgardner

DISTRIBUTION:
CO
SLR Read.
Br. Read.
Indemnity File

GRESS	OFFICE ▷	SLR	DML			
M/C081-943, etc.						
	SURNAME ▷	JSaltzman:cls				
	DATE ▷	6/11/71	6/ /71			

David L. Tremlor
Manager

DOCKET NO. 50-254 70-128

Theodore Geras
Secretary

OJE

MUTUAL ATOMIC ENERGY LIABILITY UNDERWRITERS

One East Wacker Drive

Chicago, Illinois 60601

Telephone 467-4090

NEW YORK OFFICE

733 Third Avenue, New York 17, New York
Telephone TN 7-0500

August 12, 1971

Mr. Jerome Saltzman
Chief, Export Control Branch
Division of State and License Relations
Atomic Energy Commission
Washington, D. C. 20545

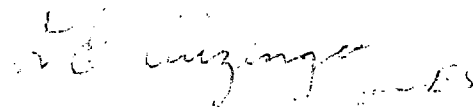
Commonwealth Edison
Quad Cities Facility

Dear Sir:

This will confirm that the insured has requested and Mutual Atomic Energy Liability Underwriters have agreed to provide a Nuclear Energy Liability Policy with limits of \$18,450,000 for the facility in caption, to be effective 12:01 A.M. on the date that the Atomic Energy Commission operating license becomes effective for the facility in caption, provided that notice of the actual effective date is received by the office of the sponsoring company, Lumbermens Mutual Casualty Company, prior to that date. The policy will be prepared and issued when such notice is received.

The site description which will be included in the policy will be identical to that indicated in Endorsement 15 of NELIA Policy NF-187.

Very truly yours,



Secretary

EJS:cv

cc: Mr. C. T. Bollman - Marsh & McLennan, Inc.
Mr. C. R. Bardes - NELIA
Mr. H. W. Hagemann - Lumbermens Mutual Casualty Company

3683

Governing Committee:

American Mutual Liability Insurance Company
Employers Mutual Liability Insurance Company of Wisconsin

Liberty Mutual Insurance Company
Lumbermens Mutual Casualty Company
Mutual Liability Company

Nuclear Energy Liability Insurance Association

85 John Street, New York, N. Y. 10038

Phone: (212) 227-5342

Governing Committee:

The Aetna Casualty and Surety Company
 Continental Casualty Company
 The Continental Insurance Company
 Employers Commercial Union Companies
 General Reinsurance Corporation
 Hartford Accident and Indemnity Company
 Insurance Company of North America
 Royal-Globe Insurance Companies
 The Travelers Indemnity Company

Joseph Marrone
 General Manager

William Hicks
 Secretary-Treasurer

August 11, 1971

Mr. Jerome Saltzman
 Chief, Inc. & Export Control Branch
 Division of State & Licensee Relations
 Atomic Energy Commission
 Washington, D. C. 20545

Commonwealth Edison Company
 (Quad-Cities Facility)
 NELIA Policy NF-187



Dear Jerry:

This will confirm that the insured has requested and NELIA has agreed to increase its limit of liability under the captioned policy from the current \$1,000,000 to \$63,550,000 effective 12:01 AM on the date that the Atomic Energy Commission operating license becomes effective for the facility in caption, provided that notice of the actual effective date is received by this office prior to that date. Once notice is received, the proper endorsements will be prepared to reflect this change.

The site description will continue to be that shown on Endorsement No. 15, which is essentially a broad site including the entire facility (Units I and II).

Best regards,

Charles R. Bardes
 Underwriting Manager

CRB:tmc

cc: Mr. E. J. Szot, MAELU - New York
 Mr. C. T. Bollman, Marsh & McLennan - New York

3630

SAFETY EVALUATION REPORT BY DRL
FOR QUAD-CITIES UNITS 1 AND 2

10.0 FINANCIAL PROTECTION AND INDEMNITY REQUIREMENTS

Pursuant to the financial protection and indemnification provisions of the Atomic Energy Act of 1954, as amended (Section 170 and related sections), the Commission has issued regulations in 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements". These regulations set forth the Commission's requirements with regard to proof of financial protection by, and indemnification of, licensees for facilities such as power reactors under 10 CFR Part 50.

10.1 The Commission's regulations in Part 140 (Section 140.13) require that each holder of a construction permit under 10 CFR Part 50, authorizing construction of a nuclear reactor, who is also the holder of a license under 10 CFR Part 70 authorizing the ownership, possession and storage only of special nuclear material at the site of the nuclear reactor for use as fuel in operation of the reactor (after issuance of an operating license under 10 CFR Part 50) shall, during the interim storage period prior to licensed operation, have and maintain financial protection in the amount of \$1,000,000 and execute an indemnity agreement with the Commission. Proof of financial protection is required to be furnished prior to, and the indemnity agreement executed as of, the effective date of the 10 CFR Part 70 license. Payment of an annual indemnity fee is required.

The Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company are subject to the foregoing requirements with respect to Quad-Cities Station Units 1 and 2 and have taken the following steps with

respect thereto. The Companies have furnished, in a timely manner, to the Commission proof of financial protection in the amount of \$1,000,000 in the form of Nuclear Energy Liability Insurance Association Policy (Nuclear Energy Liability Policy, Facility Form) No. NF-187. This policy covers the fuel storage for Units 1 and 2.

Further, the Company executed Indemnity Agreement No. B-47 with the Commission on October 30, 1970, covering fuel storage under materials license SNM-1213, for Quad-Cities Unit 1. Amendment 1 to Indemnity Agreement B-47, issued on March 22, 1971, the effective date of the pre-operational storage license, SNM-1243, for Quad-Cities Unit 2, added activities licensed by materials license SNM-1243 to the indemnity coverage. The Companies have paid the annual indemnity fees applicable to preoperational fuel storage.

10.2 Operating License

Under the Commission's regulations, 10 CFR Part 140, a license authorizing the operation of a reactor may not be issued until proof of financial protection in the amount required for nuclear operations has been furnished and an indemnity agreement covering such operations (as distinguished from preoperational fuel storage only) has been executed. The amount of financial protection which must be maintained for reactors which have a rated capacity of 100,000 electrical kilowatts or more is the maximum amount of liability insurance available from private sources. The latter amount is currently \$82 million. (For licenses authorizing operation at lower power levels, the amount of financial protection is determined in accordance with 10 CFR 140.11 or 140.12.) One indemnity

agreement is executed for reactor stations even where more than one reactor unit has been erected on the site. Similarly, regardless of the number of reactor units operating on the same site, the total amount of financial protection required is \$82 million.

Accordingly, no license authorizing operation of Quad-Cities Nuclear Generating Plants, Unit No. 1 and Unit No. 2, will be issued until proof of financial protection in the requisite amount has been received and the requisite indemnity agreement executed.

We expect that, in accordance with the usual procedure, the nuclear liability insurance pools will provide, several days in advance of anticipated issuance of the operating license documents, evidence in writing, on behalf of the applicant, that the present coverage has been appropriately amended and that the policy limits have been increased, to meet the requirements of the Commission's regulations for reactor operation. The amount of financial protection required for reactors having the rated capacity of these facilities would be \$82 million. Similarly, no ~~provisioned~~ operating license will be issued until an appropriate amendment to the present indemnity agreement has been executed. Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company will be required to pay an annual fee for operating license indemnity as provided in our regulations, at the rate of \$30 per each thousand kilowatts of thermal capacity authorized in its operating licenses.

10.3 Conclusion

On the basis of the above considerations, we conclude that the presently applicable requirements of 10 CFR Part 140 have been satisfied

and that, prior to issuance of the operating licenses, the applicant will be required to comply with the provisions of 10 CFR Part 140 applicable to operating licenses, including those as to proof of financial protection in the requisite amount and as to execution of an appropriate indemnity agreement with the Commission.

Quad-Cities Fuel Storage

Site Description

The new fuel storage vaults, the spent fuel storage pools and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 dated March 15, 1971 attached, of the Quad-Cities Station Unit 1 and 2 located in Rock Island County, Illinois.

Quad-Cities Fuel Storage

Site Description

The new fuel storage vaults, the spent fuel storage pools and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 dated March 15, 1971 attached, of the Quad-Cities Station Unit 1 and 2 located in Rock Island County, Illinois.

Quad-Cities Fuel Storage

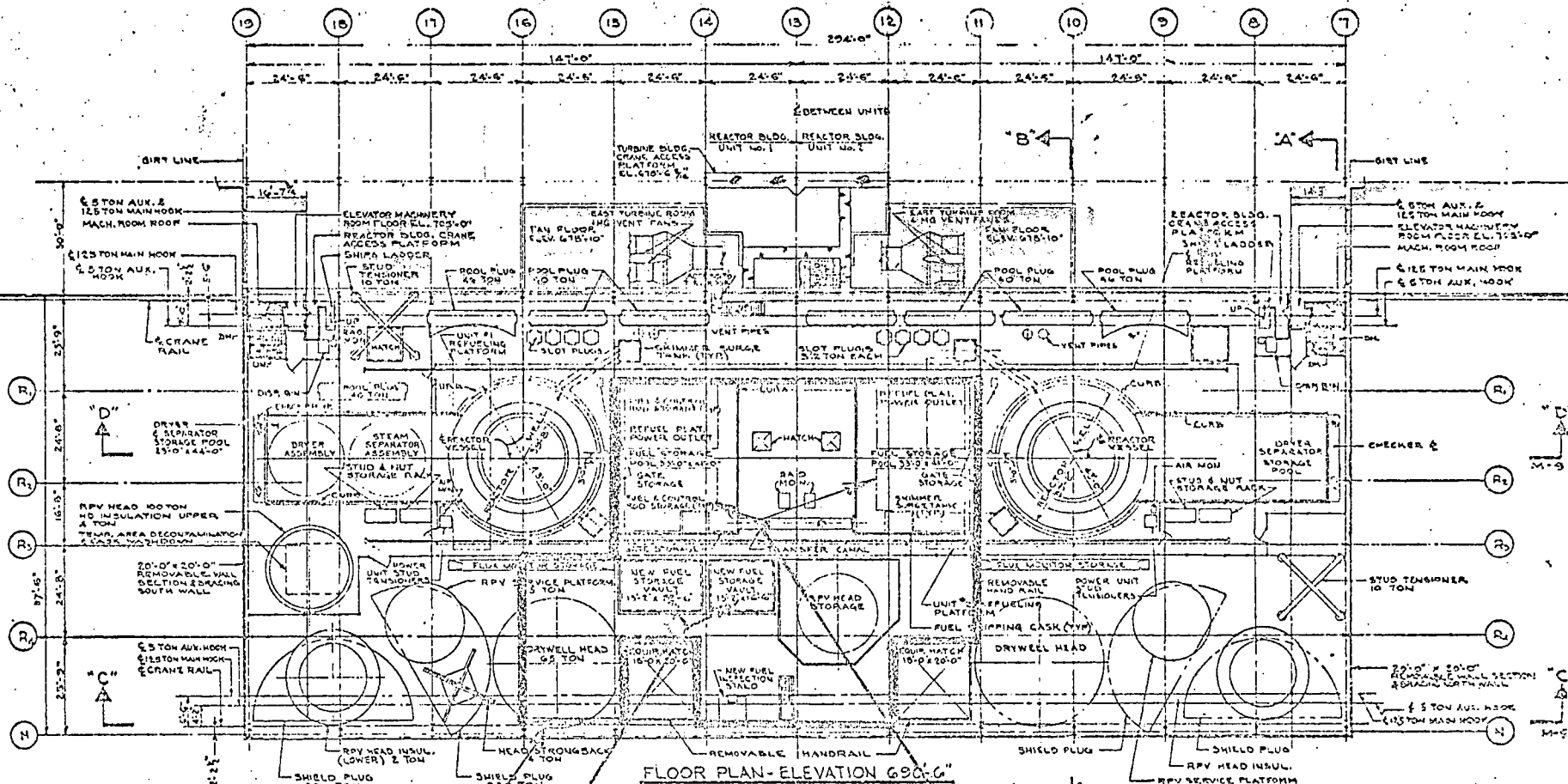
Site Description

The new fuel storage vaults, the spent fuel storage pools and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 dated March 15, 1971 attached, of the Quad-Cities Station Unit 1 and 2 located in Rock Island County, Illinois.

QUAD-CITIES SITE DESCRIPTION

That part of the North Eighteen Hundred (1800) feet of the Northeast Fractional Quarter of Section Eighteen (18), lying easterly of the Mississippi; also the South Two Hundred (200) feet of the Southeast Fractional Quarter of Section Seven (7) lying easterly of the Mississippi River; all in Township Twenty (20) North, Range Two (2) East of the Fourth Principal Meridian, Rock Island County, Illinois, being approximately three (3) miles north of the Village of Cordova and known as Quad-Cities Nuclear Power Station as indicated by shaded area on Detail Plat dated November 16, 1970, attached hereto as Exhibit "A" and made a part thereof.

Figure 1 is
 Figure 12.1.1
 from Q.C. FSAR

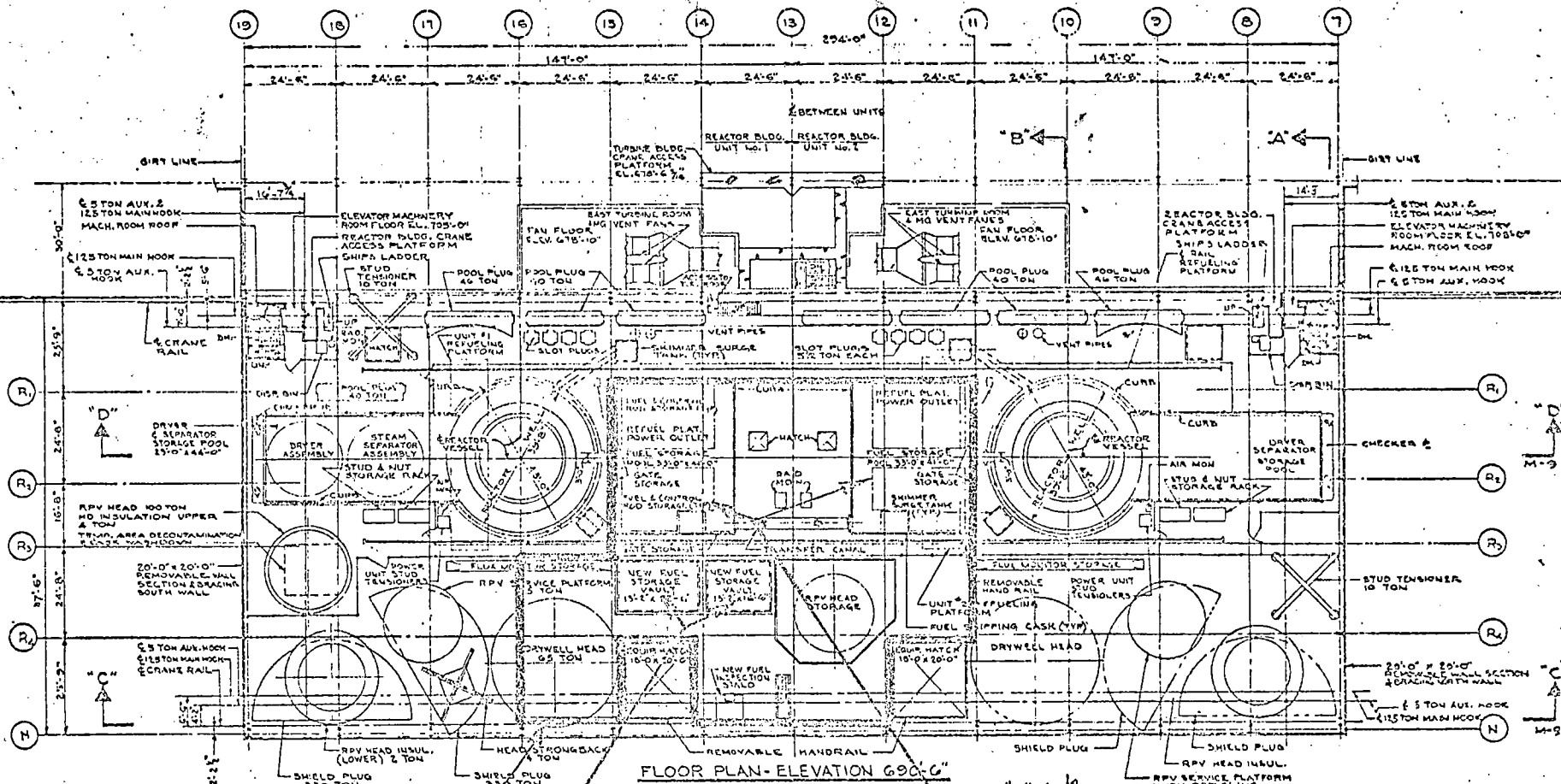


Indemnified Area

Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Figure 1 is
 Figure 12.1.1
 from Q.C. FSAR

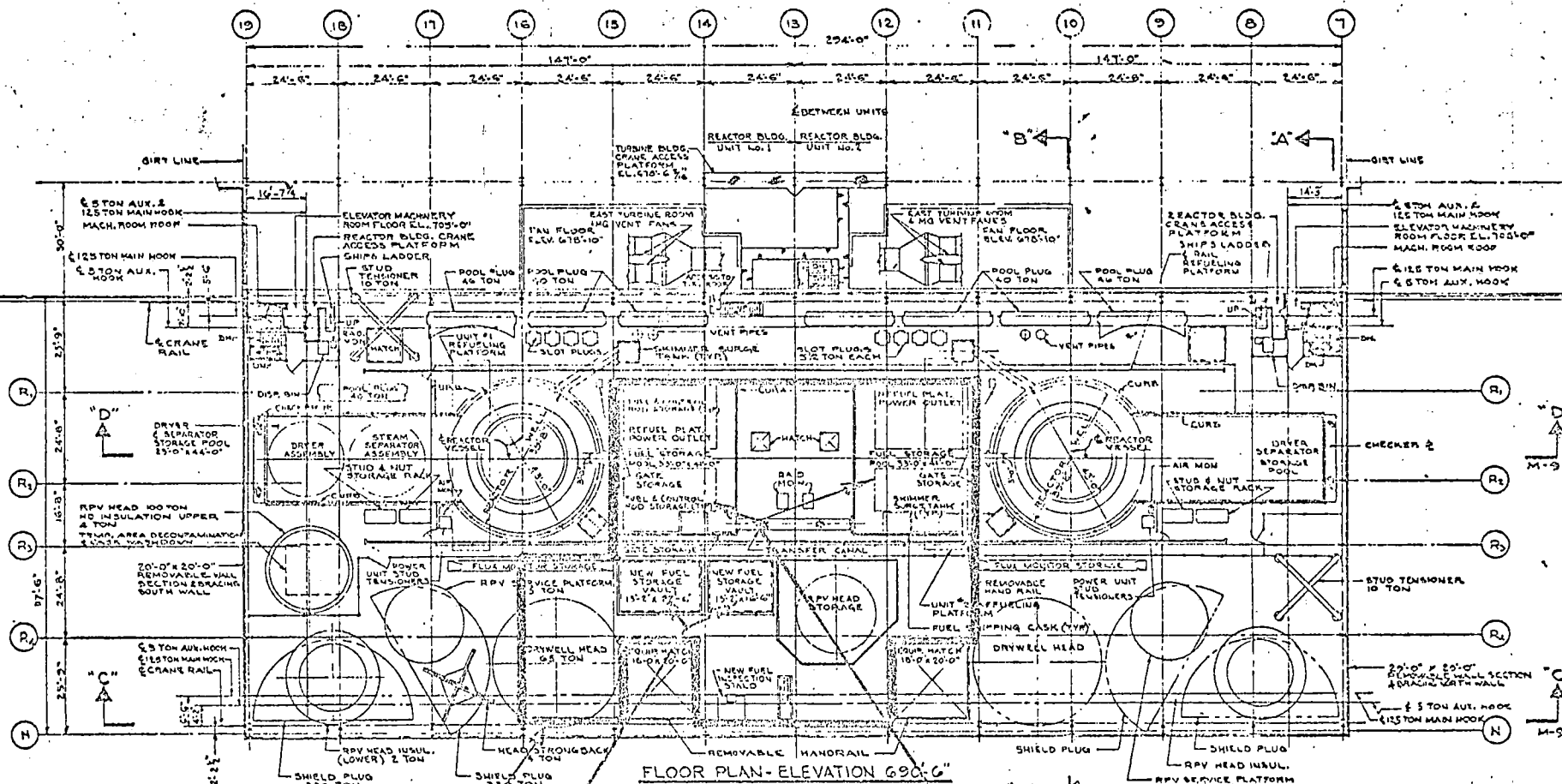


Indemnified Area

Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

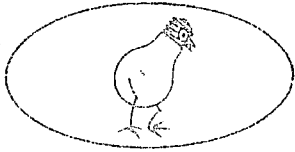
Figure 1 is
 Figure 12.1.1
 from Q.C. FSAR



Indemnified Area

Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault



DOCKET NO. 50-254

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

August 2, 1971

Mr. Lyall Johnson, Director
Division of State and Licensee Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities Docket No. 50-254

Dear Mr. Johnson:

Pursuant to the requirements of Part 140.15 of the Commissions Regulations, enclosed are certified copies of Endorsement No. 16 of the Nuclear Energy Liability Insurance Association facility from Policy No. NF-287. This endorsement amends Advance Premium and Standard Premium Endorsement No. 14.

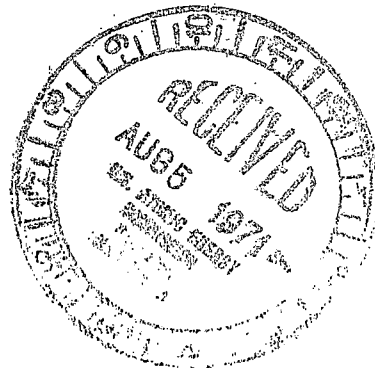
To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

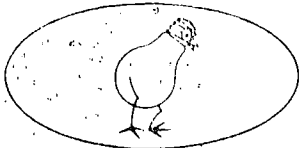
R. D. Poole
Insurance Administrator

Encl.

cc: Mr. C. M. Prosser
Iowa-Illinois Electric
and Gas Company



2526



DOCKET NO. 50-254

Commonwealth Edison Company

72 WEST ADAMS STREET * CHICAGO, ILLINOIS 60690

June 29, 1971

Mr. Lyall Johnson, Director
Division of State and Licensee Relations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Quad-Cities Docket
No. 50-254

Dear Mr. Johnson:

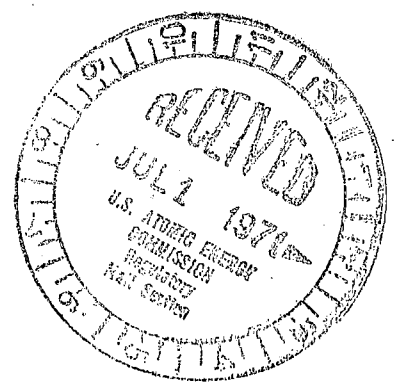
Pursuant to the requirements of Part 140.15 of the Commissions Regulations, enclosed are certified copies of Endorsement No. 15 of the Nuclear Energy Liability Insurance Association facility from Policy No. NF-187. This endorsement amends the site description for Quad-Cities station.

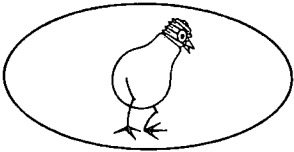
To continue the practice followed in previous filings, eight copies of the endorsement are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator

cc: Mr. C. M. Prosser
Iowa-Illinois Electric
and Gas Company





Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

June 4, 1971

Mr. Jerome Saltzman
U.S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Saltzman:

We recently received a letter from you regarding Dockets 50-10, 237 and 249. Your letter said that you are missing Endorsement No. 73 to NELIA Policy No. NF-43. In checking into the matter, I find that NELIA failed to send us the eight certified copies of this endorsement but they will do so in the near future. When I receive them, I will forward them to you in the usual manner.

We also received a letter from you in connection with Docket 50-265, stating that the last endorsement on file to NELIA Policy No. NF-187 is Endorsement No. 11. Attached is a copy of my letter forwarding Endorsement Nos. 12, 13 and 14 to you on May 19. Also attached is a picture of your receipt that you sent me on May 24, 1971. Since my letter and your receipt refer to Docket No. 50-254, instead of Docket No. 50-265 this may be where the mix-up is.

If you have any questions concerning this, please let me know.

Sincerely,

R. D. Poole
Insurance Administrator

May 19, 1971

Mr. E. P. Price, Director
Division of State and
Licensee Relations
U.S. Atomic Energy Commission
4915 South Elmo Avenue
Bethesda, Maryland 20545

Re: Quad-Cities Docket
No. 50-254

Dear Mr. Price:

Pursuant to the requirements of Part 140.15 of the
Commissions Regulations, enclosed are copies of the following
endorsements to Nelia Facility Policy No. 187 applicable to
the Quad-Cities Nuclear Station:

<u>End No.</u>	<u>Description</u>
12	New location description
13	Advance Premium and Standard Premium Endorsement - 1970
14	Advance Premium and Standard Premium Endorsement - 1971

To continue the practice followed in previous filings,
eight copies of each endorsement are enclosed.

Yours very truly,

R. D. Poole
Insurance Administrator

cc: C. M. Prosser
Iowa-Illinois Electric
& Gas Company

HQ-46
(3-71)

UNITED STATES ATOMIC ENERGY COMMISSION
REGULATORY MAIL AND RECORDS SECTION

Your letter, application, dated **May 19, 1971**
Re: NELIA Policy No. NF-187
including enclosures **Endorsements Nos. 12, 13 & 14**
is acknowledged and has been assigned:

DOCKET NO. **50-254** or CONTROL NO.

Please refer to the above number(s) in future correspondence.

Date Received: **May 24, 1971**

*This is an acknowledgment form only.
It is not a reply to your communication.*

Docket 50-265

Commonwealth Edison Company
ATTN: Mr. R. D. Poole
Insurance Administrator
P. O. Box 767
Chicago, Illinois 60690

JUN 1 1971

Gentlemen:

In order to aid us in keeping current on the proof of financial protection required by your license, we request that we be sent copies of all endorsements, if any, to your current policy that you have not already submitted. The last endorsement that we have received is noted below. It is our understanding that the nuclear energy liability insurance pools have sent to licensees the advance premium endorsements for Calendar Year 1971. We would appreciate receiving copies of this and any subsequent endorsements for your organization as soon as possible after they are issued.

Thank you for your cooperation in this matter.

Sincerely,

Jerome Saltzman, Chief
Indemnity and Export
Control Branch
Division of State and
Licensee Relations

Last endorsement on file is No. 11 to NELA Policy No. NP-187
No. _____ to MAELU Policy No. _____

Missing endorsements: No. _____ to NELA Policy No. _____
No. _____ to MAELU Policy No. _____

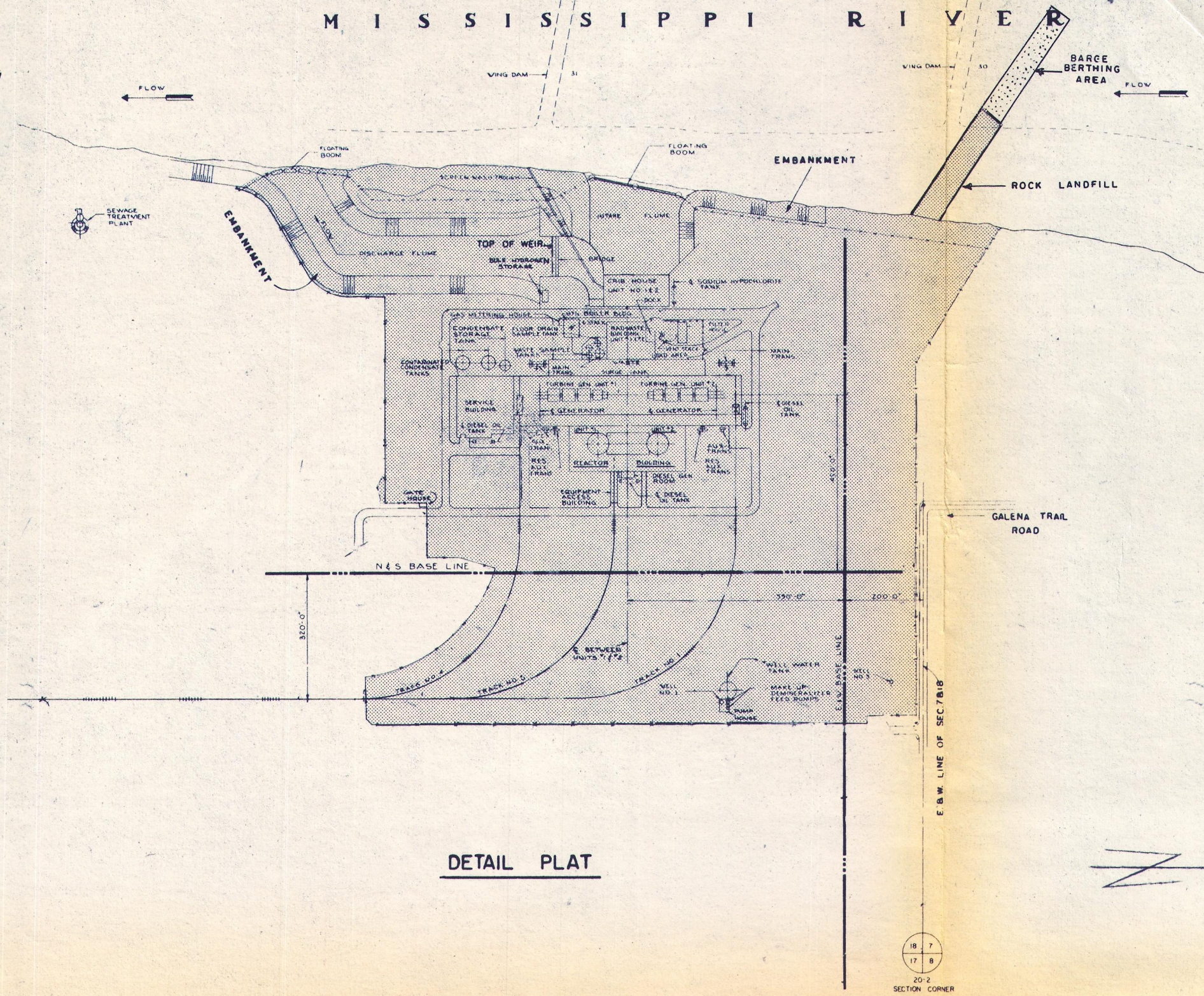
GRESS SLR:I&EC SLR:DIR
T-118 JSaltzman:mlm LJohnson
& 109 5/29/71 6/ /71

*Saltzman's
SLP*

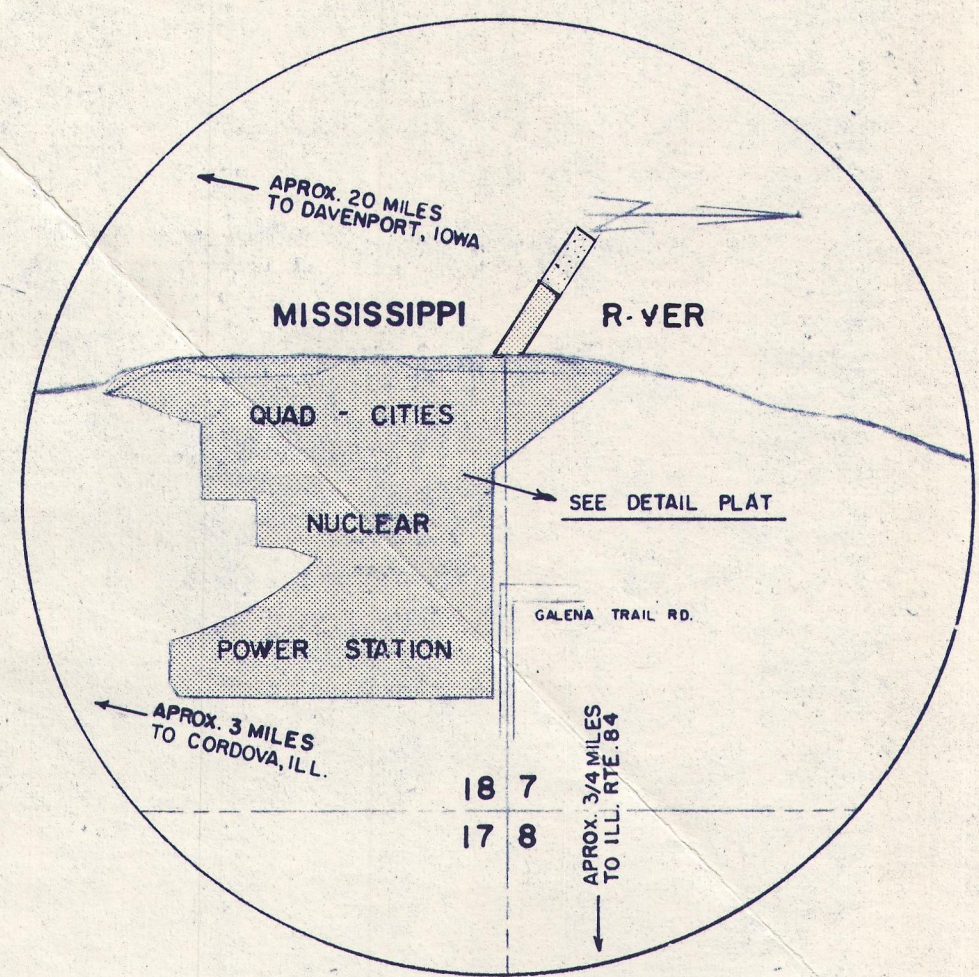
QUAD-CITIES SITE DESCRIPTION

X That part of the North Eighteen Hundred (1800) feet of the Northeast Fractional Quarter of Section Eighteen (18), lying easterly of the Mississippi; also the South Two Hundred (200) feet of the Southeast Fractional Quarter of Section Seven (7) lying easterly of the Mississippi River; all in Township Twenty (20) North, Range Two (2) East of the Fourth Principal Meridian, Rock Island County, Illinois, being approximately three (3) miles north of the Village of Cordova and known as Quad-Cities Nuclear Power Station as indicated by shaded area on Detail Plat dated November 16, 1970, attached hereto as Exhibit "A" and made a part hereof. X

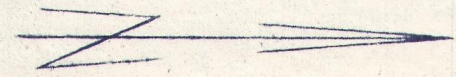
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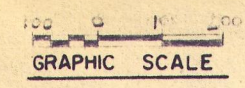
DETAIL PLAT



LOCATION PLAT



LEGEND
 -x-x- SECURITY FENCE

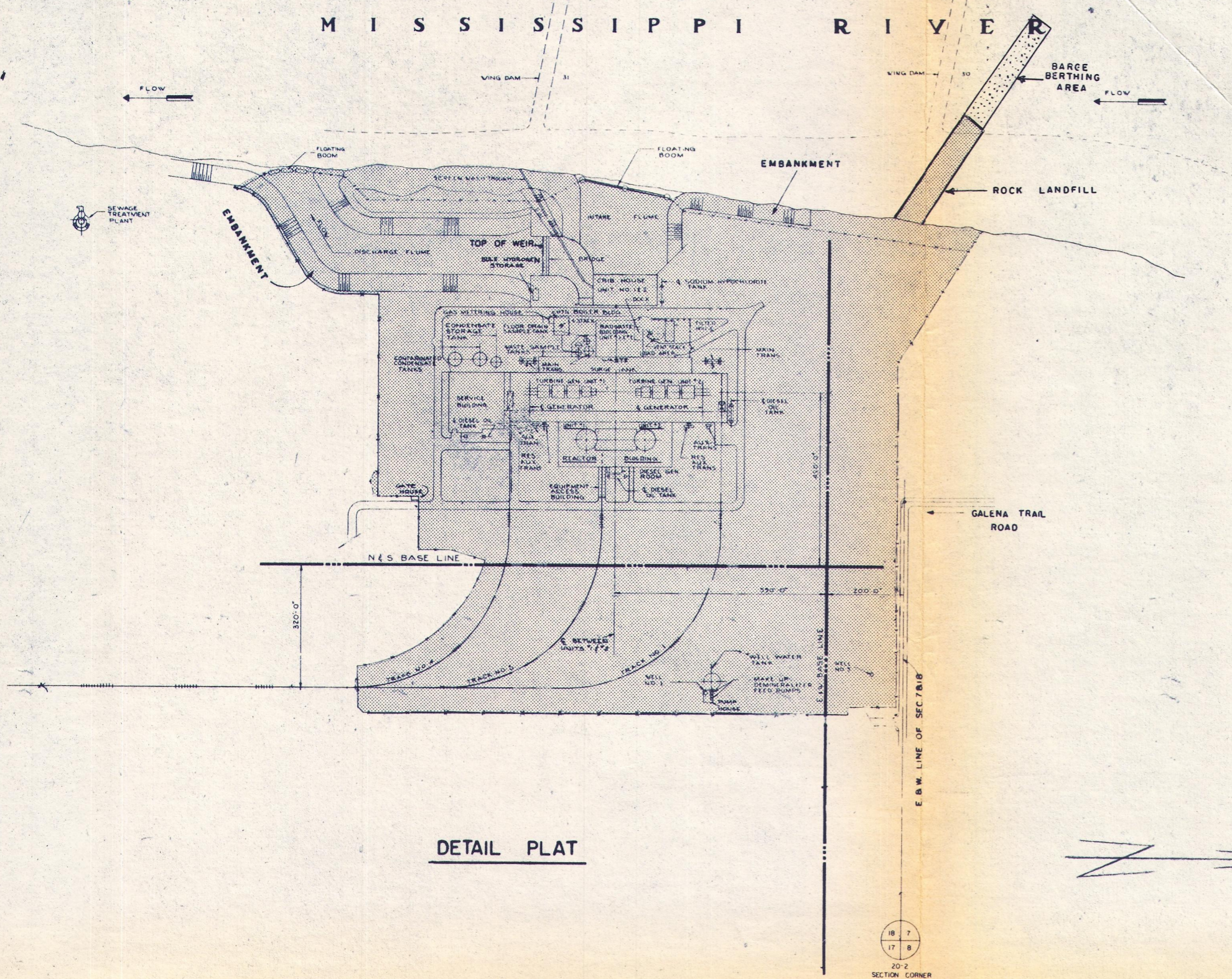


COMMONWEALTH EDISON CO.
 IOWA-ILLINOIS GAS & ELECTRIC CO.
 QUAD-CITIES NUCLEAR POWER STA.
 TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
 PRINCIPAL MERIDIAN, ROCK ISLAND CO. ILL.

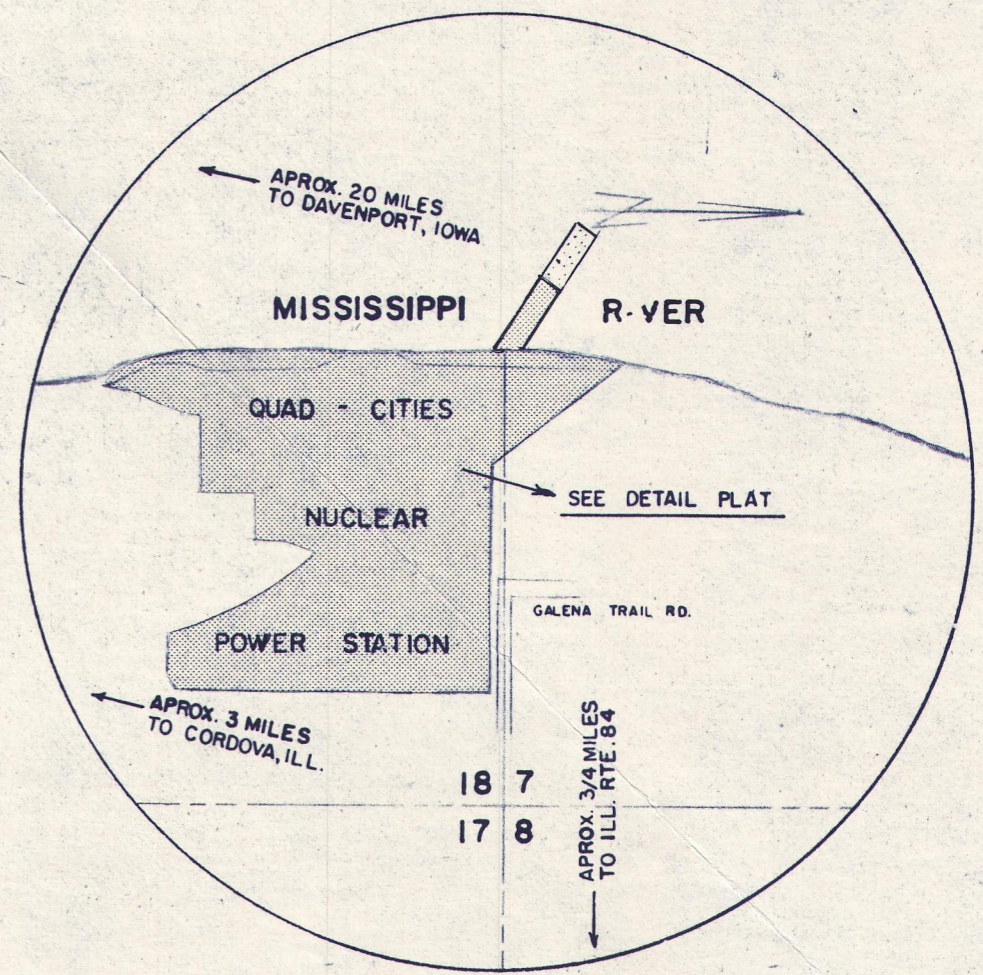
REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
 REVISED: NOVEMBER 16, 1970

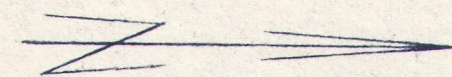
M I S S I S S I P P I R I V E R



DETAIL PLAT



LOCATION PLAT



LEGEND
 -x-x- SECURITY FENCE

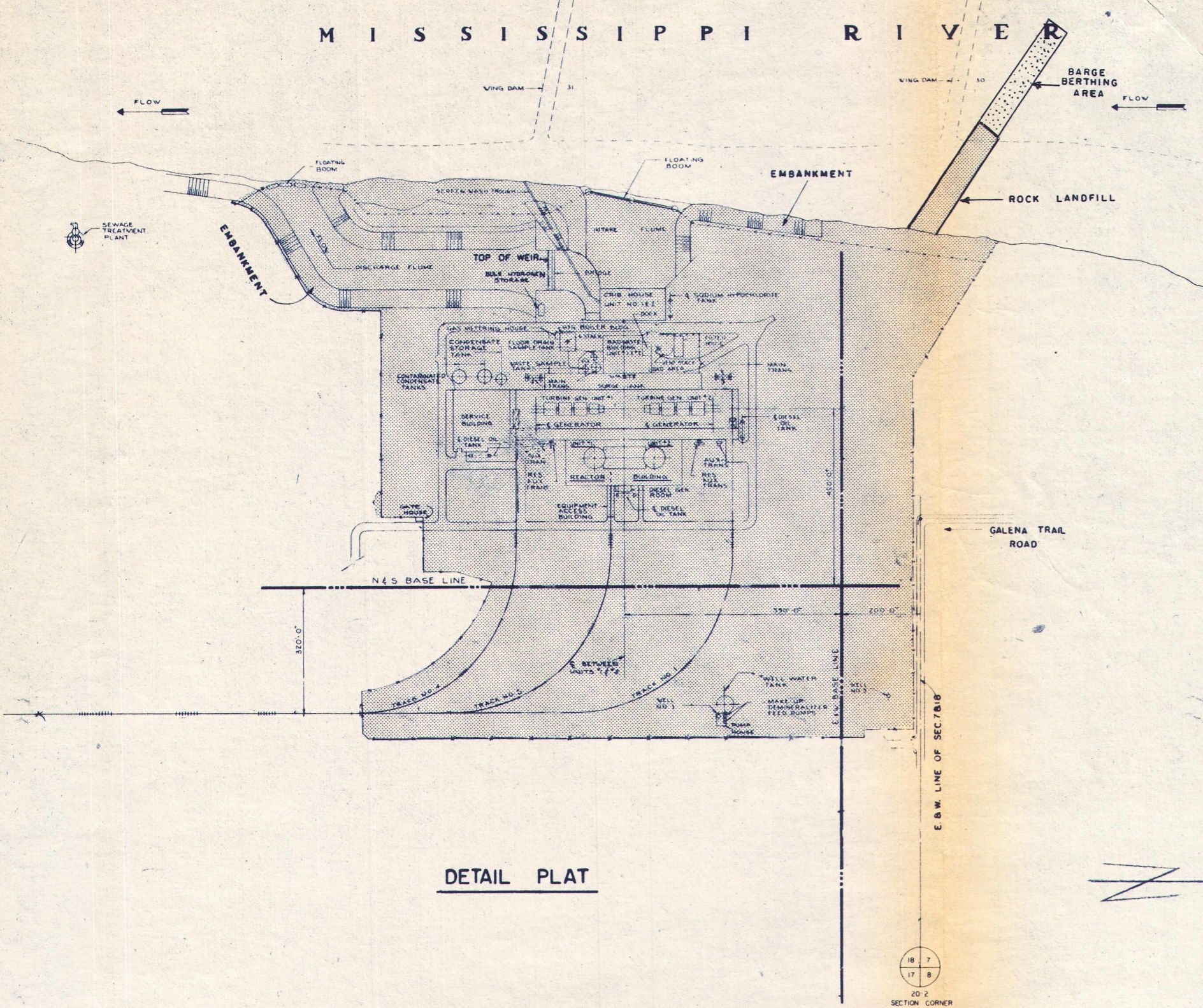
GRAPHIC SCALE

**COMMONWEALTH EDISON CO.
 IOWA-ILLINOIS GAS & ELECTRIC CO.
 QUAD-CITIES NUCLEAR POWER STA.
 TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
 PRINCIPAL MERIDIAN. ROCK ISLAND CO. ILL.**

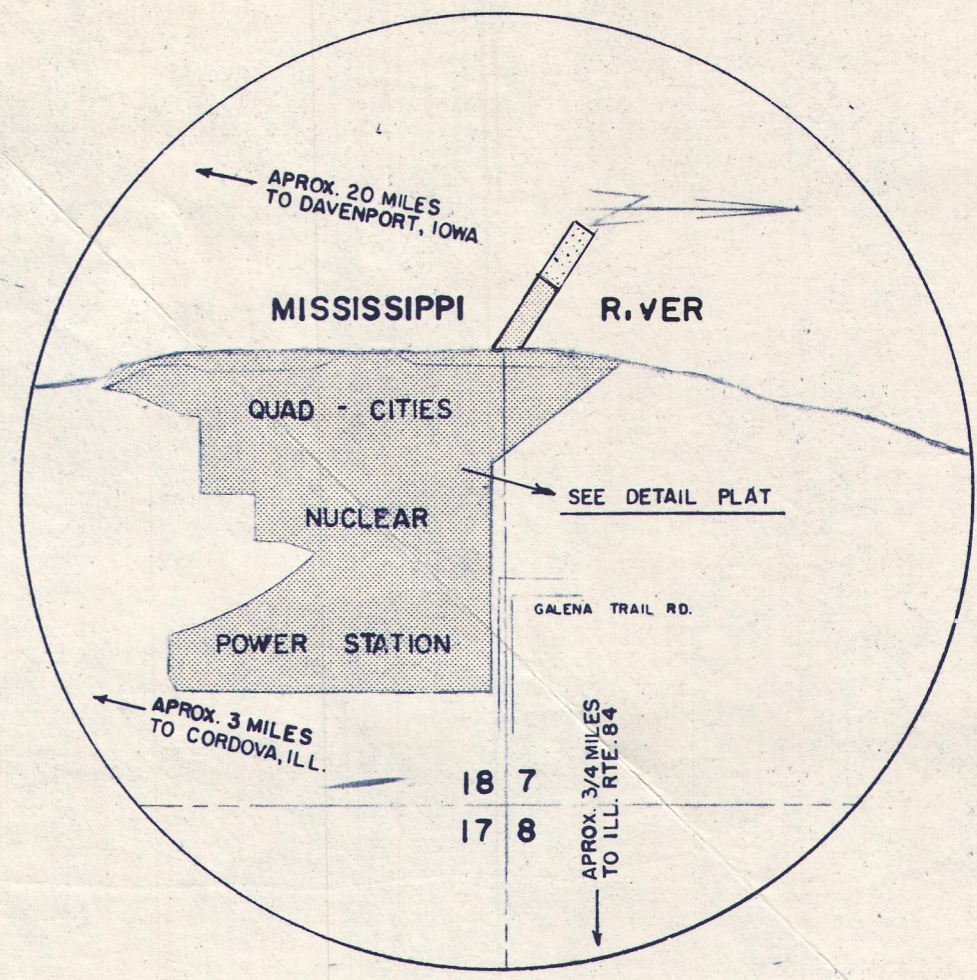
REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
 REVISED: NOVEMBER 16, 1970

MISSISSIPPI RIVER



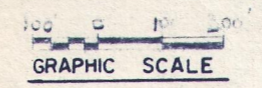
DETAIL PLAT



LOCATION PLAT

LEGEND

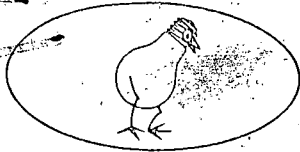
-x-x- SECURITY FENCE



COMMONWEALTH EDISON CO.
IOWA-ILLINOIS GAS & ELECTRIC CO.
QUAD-CITIES NUCLEAR POWER STA.
TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
PRINCIPAL MERIDIAN. ROCK ISLAND CO. ILL.

REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
REVISED: NOVEMBER 16, 1970



DOCKET NO. 50-10

Commonwealth Edison Company Extra

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

June 16, 1971

Mr. Lyall Johnson, Director
Division of State and
Licensee Relations
U. S. Atomic Energy Commission
Washington, D.C. 20545



Dear Mr. Johnson:

On June 1, 1971, I sent you 10 copies of a revised Quad-Cities Site Description and Detailed Plat. We sent the same information to NELIA and they have elected to make a change in the wording of my Site Description. They have added the word river following the word Mississippi where it first appears in the Site Description.

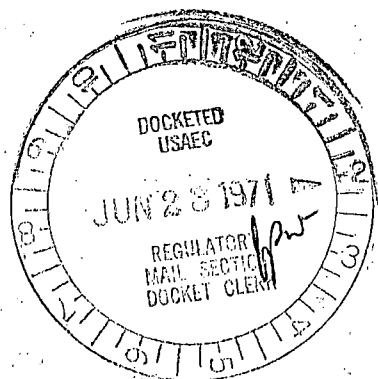
Attached are 10 copies of the correct Site Description. Would you please destroy the original Site Description dated June 1, 1971 that does not have the word river after the first use of the word Mississippi and substitute this on the 10 copies of the Detailed Plat that I have sent to you.

If you have any questions concerning this, please let me know.

Very truly yours,

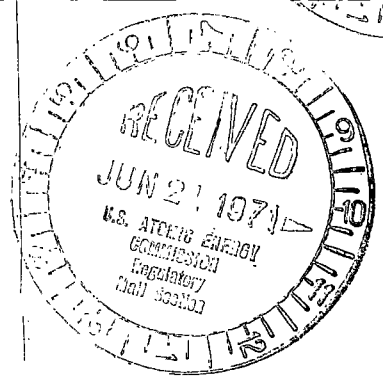
R. D. Poole
Insurance Administrator

Encl.



2840

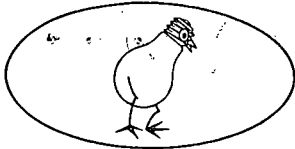
QUAD-CITIES SITE DESCRIPTION



That part of the North Eighteen Hundred (1800) feet of the Northeast Fractional Quarter of Section Eighteen (18), lying easterly of the Mississippi River; also the South Two Hundred (200) feet of the Southeast Fractional Quarter of Section Seven (7) lying easterly of the Mississippi River; all in Township Twenty (20) North, Range Two (2) East of the Fourth Principal Meridian, Rock Island County, Illinois, being approximately three (3) miles north of the Village of Cordova and known as Quad-Cities Nuclear Power Station as indicated by shaded area on Detail Plat dated November 16, 1970, attached hereto as Exhibit "A" and made a part hereof.

2840

June 1, 1971



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

June 1, 1971

Mr. Lyall Johnson, Director
Division of State and
Licensee Relations
U.S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Johnson:

Attached are 10 copies of a revised Quad-Cities Site Description and Detailed Plat. I have discussed this revision with Jerome Saltzman and it's my understanding that he has agreed to it.

We are also changing the site description with NELIA and when we receive copies of their endorsement, we will send you the proper number of copies.

Very truly yours,

R. D. Poole
Insurance Administrator

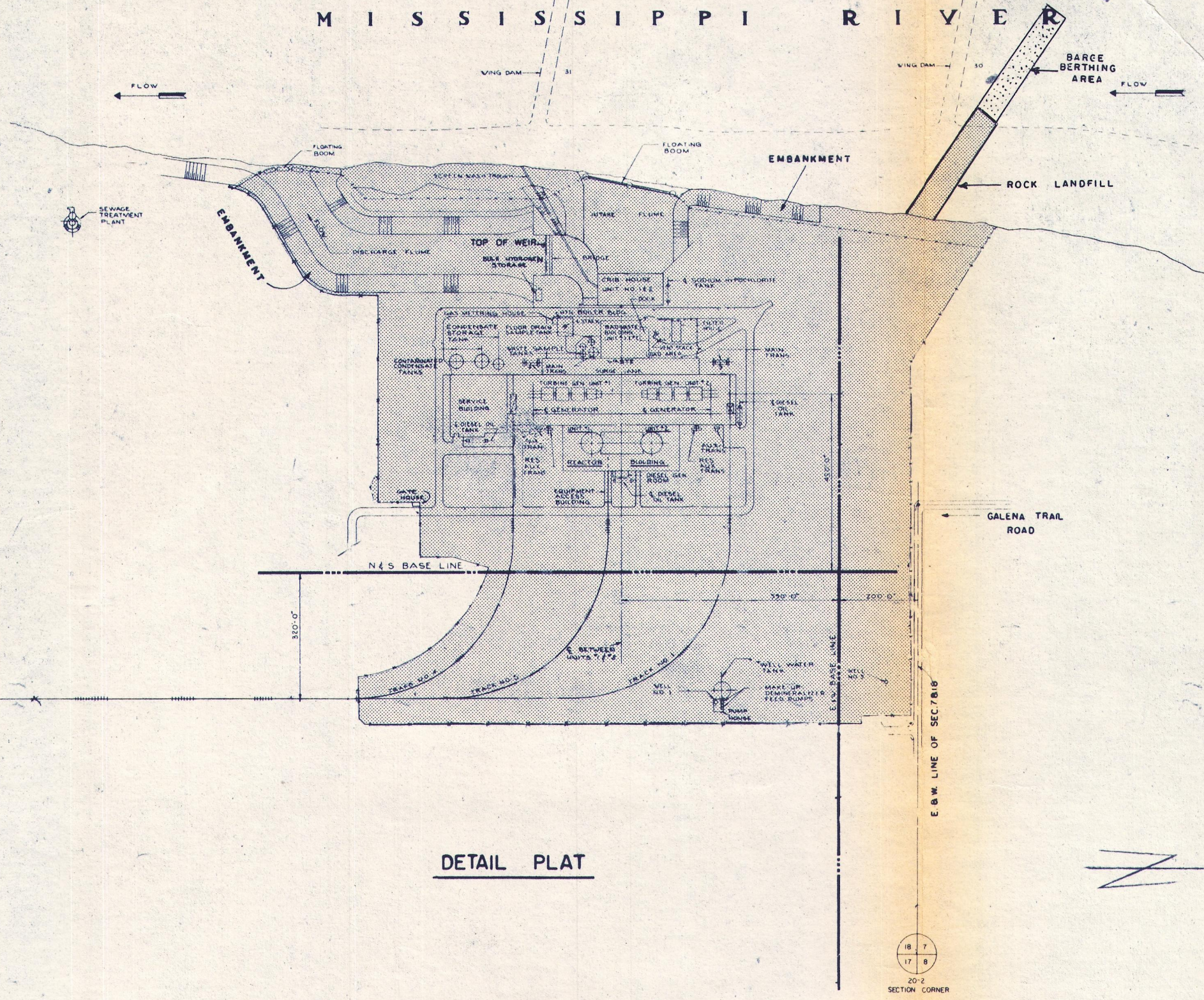


QUAD-CITIES SITE DESCRIPTION

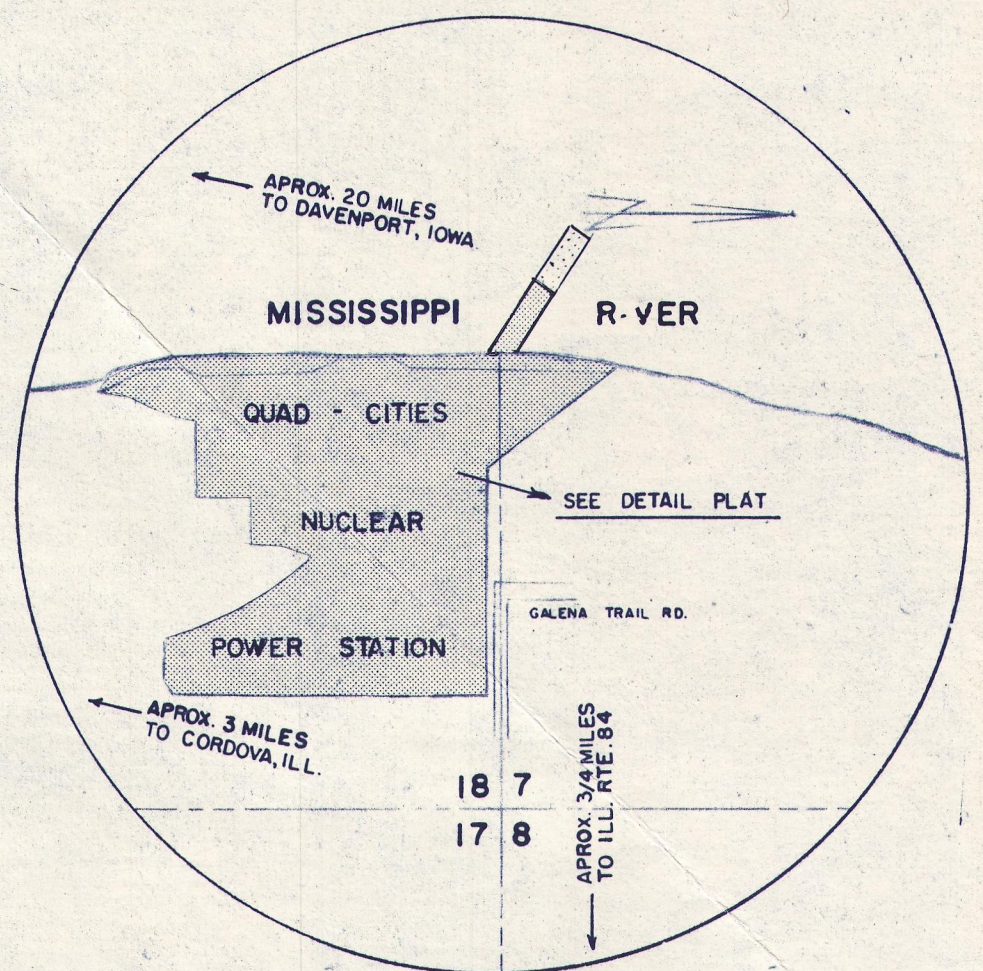
That part of the North Eighteen Hundred (1800) feet of the Northeast Fractional Quarter of Section Eighteen (18), lying easterly of the Mississippi; also the South Two Hundred (200) feet of the Southeast Fractional Quarter of Section Seven (7) lying easterly of the Mississippi River; all in Township Twenty (20) North, Range Two (2) East of the Fourth Principal Meridian, Rock Island County, Illinois, being approximately three (3) miles north of the Village of Cordova and known as Quad-Cities Nuclear Power Station as indicated by shaded area on Detail Plat dated November 16, 1970, attached hereto as Exhibit "A" and made a part hereof.

June 1, 1971

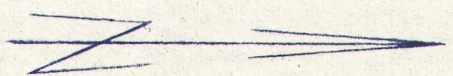
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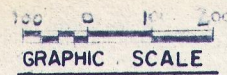
DETAIL PLAT



LOCATION PLAT



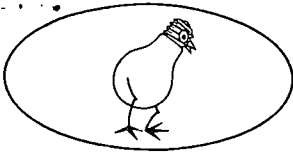
LEGEND
 -x-x- SECURITY FENCE



COMMONWEALTH EDISON CO.
 IOWA-ILLINOIS GAS & ELECTRIC CO.
 QUAD-CITIES NUCLEAR POWER STA.
 TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
 PRINCIPAL MERIDIAN, ROCK ISLAND CO. ILL.

REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
 REVISED: NOVEMBER 16, 1970



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

May 26, 1971

Mr. Jerome Saltzman
U.S. Atomic Energy Commission
Washington, D.C. 20545

Dear Jerry:

In accordance with our conversation, I am attaching a copy of the proposed Broad Site Description for our Quad-Cities plant. If Mr. Marrone approves this, we will send you additional copies and ask you to use this site for indemnity purposes.

If you have any questions concerning this, please call me.

Very truly yours,

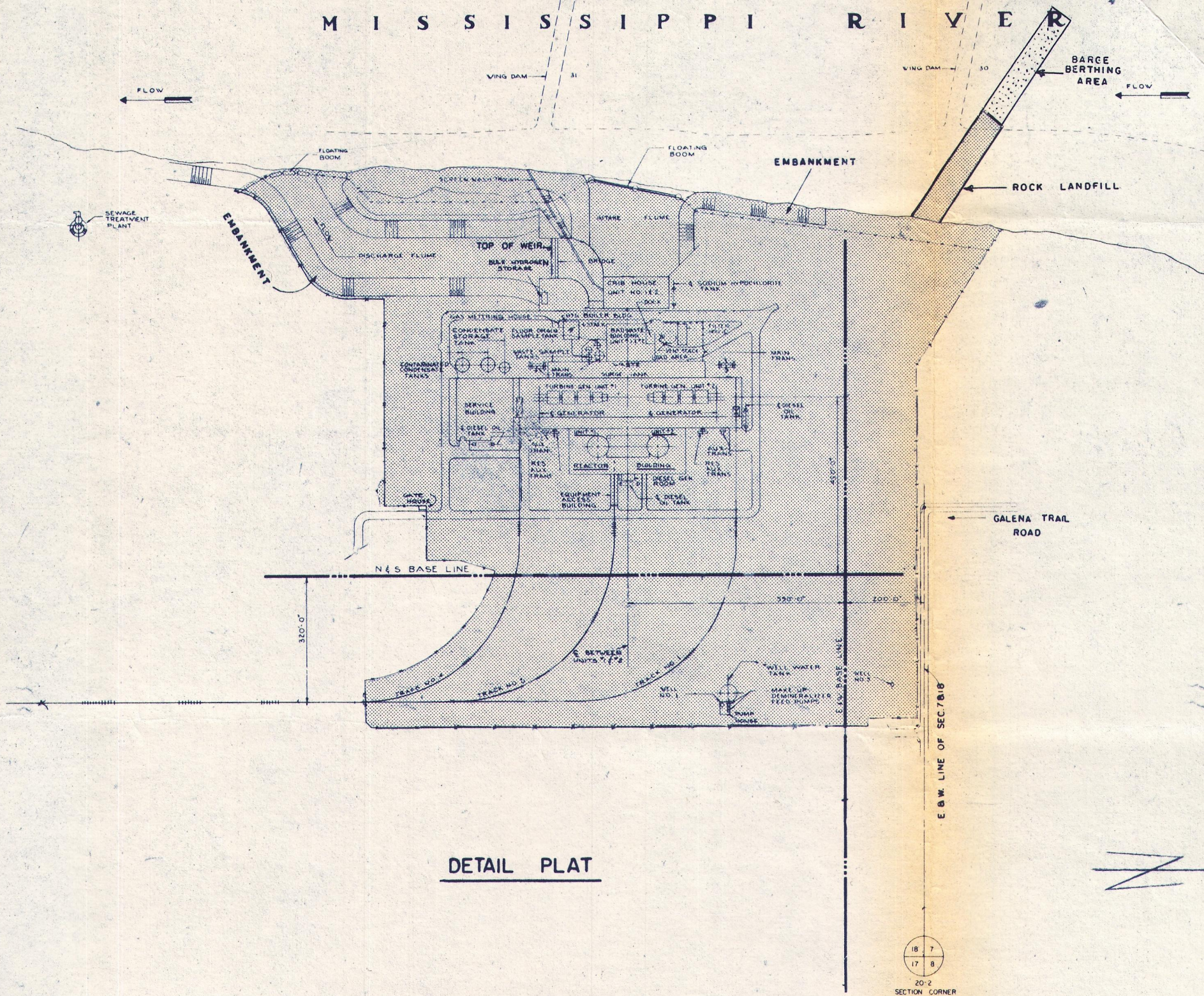
R. D. Poole
Insurance Administrator

QUAD-CITIES SITE DESCRIPTION

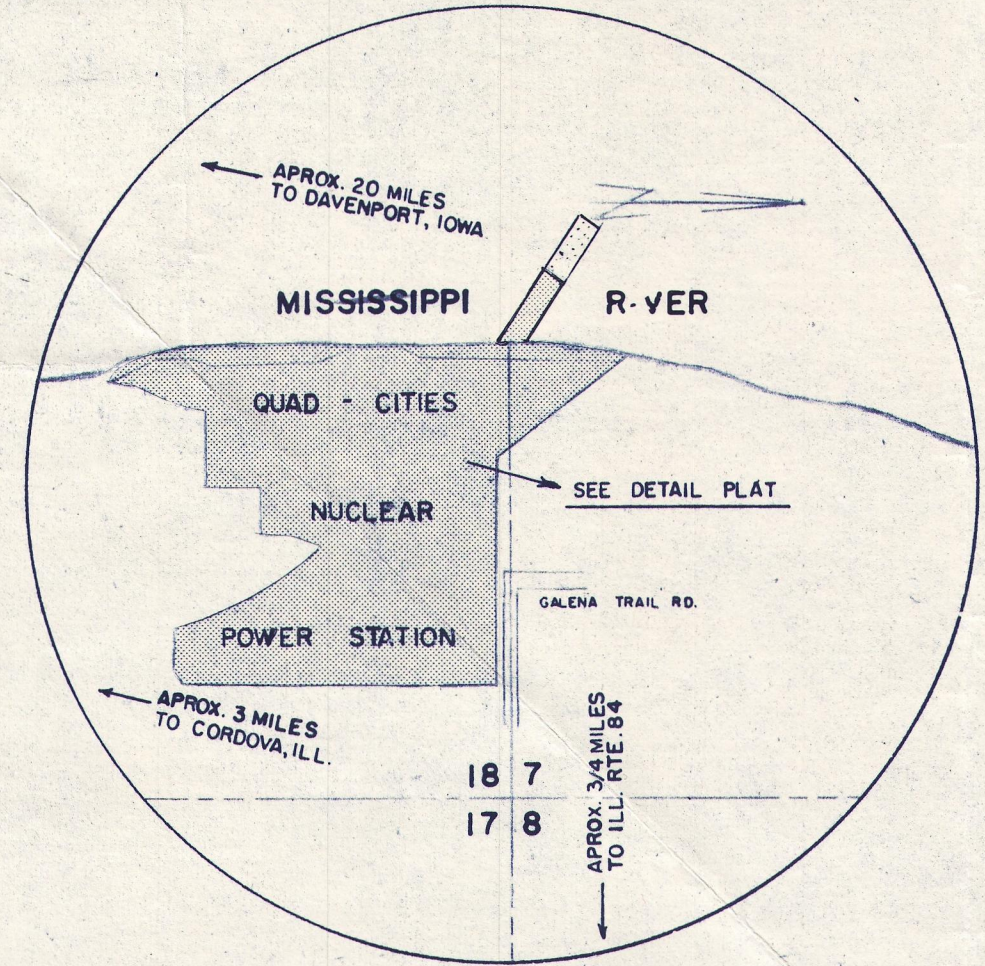
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May 26, 1971

M I S S I S S I P P I R I V E R



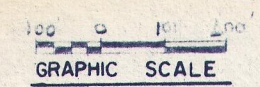
DETAIL PLAT



LOCATION PLAT

LEGEND

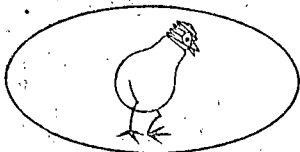
—x—x— SECURITY FENCE



COMMONWEALTH EDISON CO.
IOWA-ILLINOIS GAS & ELECTRIC CO.
QUAD-CITIES NUCLEAR POWER STA.
TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
PRINCIPAL MERIDIAN, ROCK ISLAND CO. ILL.

REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970
REVISED: NOVEMBER 16, 1970



DOCKET NO. 50-254

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

May 19, 1971

Mr. E. P. Price, Director
Division of State and
Licensee Relations
U.S. Atomic Energy Commission
4915 South Elmo Avenue
Bethesda, Maryland 20545

Re: Quad-Cities Docket
No. 50-254

Dear Mr. Price:

Pursuant to the requirements of Part 140.15 of the
Commissions Regulations, enclosed are copies of the following
endorsements to Nelia Facility Policy No. 187 applicable to
the Quad-Cities Nuclear Station:

<u>End</u> <u>No.</u>	<u>Description</u>
12	New location description
13	Advance Premium and Standard Premium Endorsement - 1970
14	Advance Premium and Standard Premium Endorsement - 1971

To continue the practice followed in previous filings,
eight copies of each endorsement are enclosed.

Yours very truly,

R. D. Poole
Insurance Administrator

cc: C. M. Prosser
Iowa-Illinois Electric
& Gas Company

2473

MAR 19 1971

Eber R. Price, Director
Division of State and Licensee Relations

AMENDMENT NO. 1 TO INDEMNITY AGREEMENT NO. B-47 - COMMONWEALTH EDISON
COMPANY AND IOWA-ILLINOIS GAS AND ELECTRIC COMPANY (QUAD CITIES),
DOCKETS NO. 70-1265, NO. 70-1280, NO. 50-254.

DML intends to issue to the subject licensees Materials License SNM-1243
for preoperational storage of fuel for Unit 2 of the Quad Cities Station.
The licensees are already licensed for fuel storage (under SNM-1213) for
the Unit 1 fuel. We have indemnified Unit 1 fuel storage under
Indemnity Agreement B-47.

With the issuance of SNM-1243, we will amend B-47 to add the new license
to the indemnity coverage. We will also amend the agreement to cover
the fuel storage area for both units as indicated in the amendment.

Effective on the date of issuance of SNM-1243 and Amendment 1 to Indem-
nity Agreement B-47, the licensees should be charged an additional
indemnity fee of \$100 per year.

Jerome Saltzman

Jerome Saltzman, Chief
Indemnity & Export Control Branch
Division of State & Licensee
Relations

cc: Office of the General Counsel
Office of the Controller

DISTRIBUTION:
File (Docket No. 70-1265)
(Docket No. 70-1280)
(Docket No. 50-254)

→ Indemnity File
SLR R/F
Branch R/F

OFFICE ▶	SLR:I&EC JSaltzman:ap				
SURNAME ▶					
DATE ▶	3/18/71				

Nuclear Energy Liability Insurance Association

85 John Street, New York, N. Y. 10038 • Phone: (212) 227-5342

Joseph Marrone
General Manager
William Hicks
Secretary-Treasurer

- Governing Committee:**
- The Aetna Casualty and Surety Company
 - Continental Casualty Company
 - The Continental Insurance Company
 - Employers-Commercial Union Companies
 - Fireman's Fund Insurance Company
 - Hartford Accident and Indemnity Company
 - Insurance Company of North America
 - Royal-Globe Insurance Companies
 - The Travelers Indemnity Company

March 19, 1971

Mr. Jerome Saltzman, Chief
Ind. & Export Control Branch
Division of State & Licensee Relations
U.S. Atomic Energy Commission
Washington, D.C. 20545

Commonwealth Edison - Quad-Cities Station
Nelia Policy No. NF-187

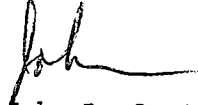
Dear Jerry:

Pursuant to our recent telephone conversation anent the captioned insured, this will confirm that NELIA has agreed to amend the site description effective March 19, 1971 under policy No. NF-187 to read:

The new fuel storage vaults, the spent fuel storage pools and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure I dated March 15, 1971 attached, of the Quad-Cities Station Unit 1 and 2 located in Rock Island County, Illinois.

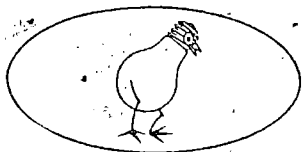
The amending endorsement is now being prepared and will follow in due course.

Very truly yours,


John L. Quattrocchi
Underwriter

JLQ:bk

cc: Mr. L.G. Cummings



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

March 15, 1971

Mr. E. R. Price, Director Division
of State and Licensee Relations
U.S. Atomic Energy Commission
Washington, D.C. 20545

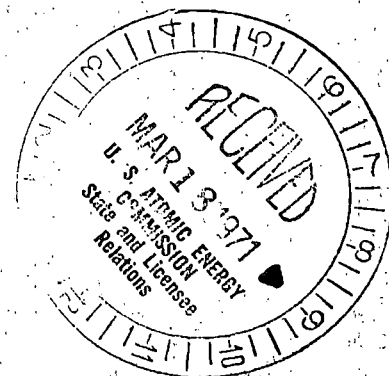
Dear Mr. Price:

Attached are 10 copies of a revised Quad-Cities fuel site description and detailed plat. This revision is required to accommodate the storage of Quad-Cities Unit No. 2 fuel.

We are also changing the site description with NELIA and when we receive copies of their endorsement we will send you the proper number of copies.

Very truly yours,

R. D. Poole
R. D. Poole
Insurance Administrator

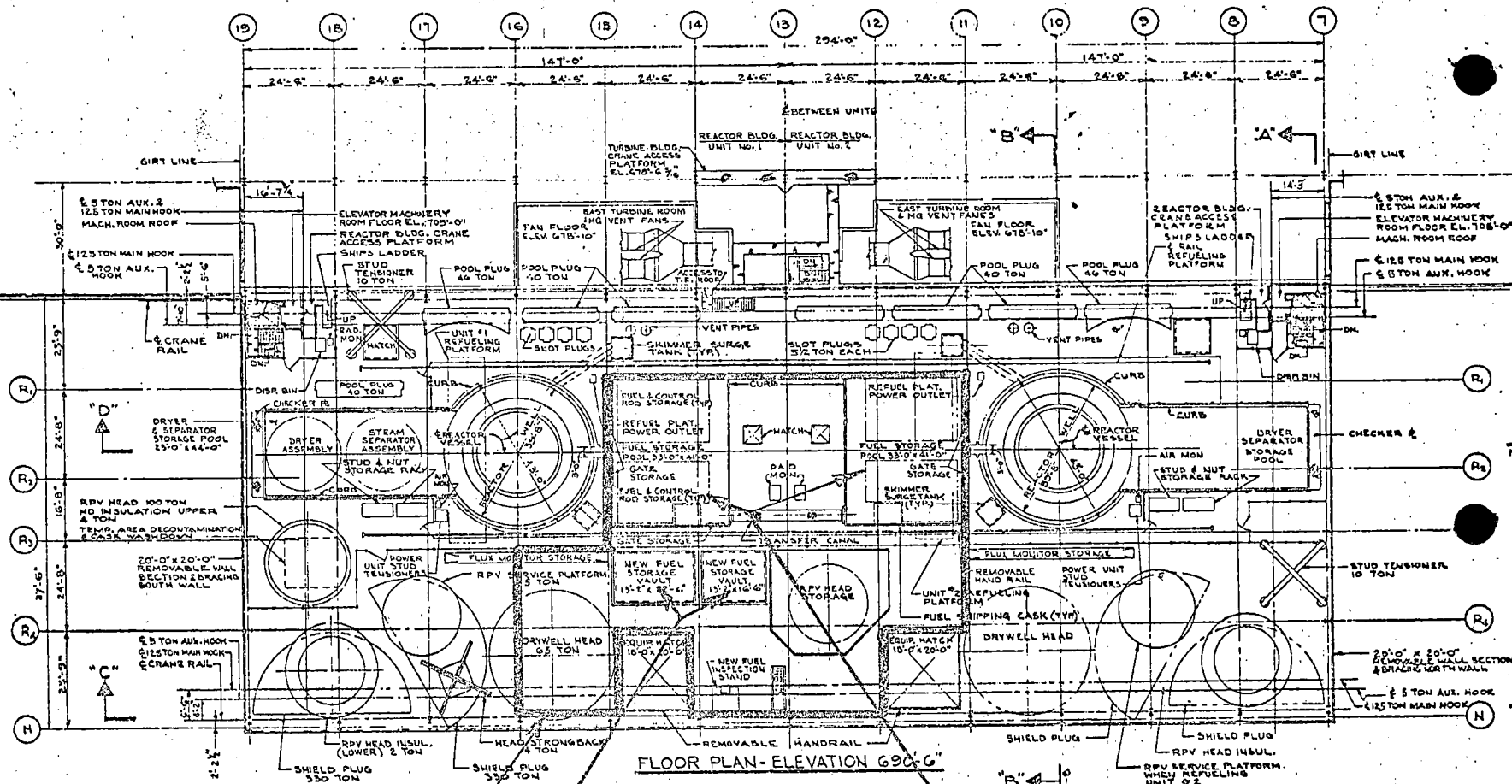


Quad-Cities Fuel Storage

Site Description

The new fuel storage vaults, the spent fuel storage pools and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 dated March 15, 1971 attached, of the Quad-Cities Station Unit 1 and 2 located in Rock Island County, Illinois.

Figure 1 is
 Figure 12.1.1
 from Q.C. FSAR



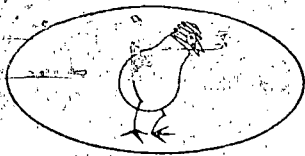
Indemnified Area

Location of Spent
 Fuel Storage Pool

Location of New
 Fuel Storage Vault

March 15, 1971
 Figure 1

1312



Commonwealth Edison Company

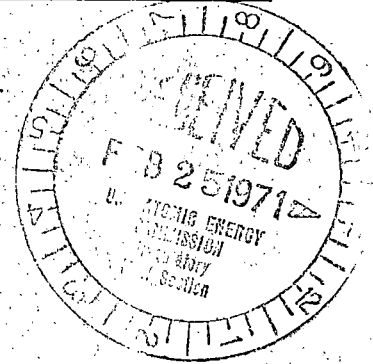
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

February 22, 1971

Mr. Lyall E. Johnson, Director
Division of Materials Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545



Subject: Application for Special Nuclear Material
License for Quad-Cities Unit 2

Dear Mr. Johnson:

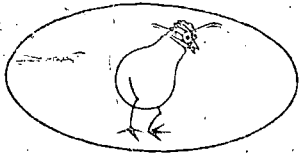
DOCKET NO. 70-1280

On behalf of Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, application is hereby made for a license to receive, possess, inspect, clean, channel, store, and package for return to vendor, fuel elements for eventual use in Quad-Cities Nuclear Power Station Unit 2, and to receive, possess, store, and install in the Unit 2 reactor vessel, in-core neutron monitors.

In support of this application, reference is made to the material submitted to you as Exhibit A in our original application for SNM-1213 dated September 25, 1970 and the material contained in letters submitted to you as Amendments 1 and 2 to SNM-1213 dated November 23, 1970 and December 9, 1970, respectively.

With respect to Exhibit A, Figure 1 shows the new fuel storage vault and the spent fuel storage pool. The new fuel storage vault will be used in the handling of the Unit 2 fuel. The spent fuel storage pool used for storage of Unit 2 fuel is located directly to the right of the spent fuel storage pool indicated on the figure.

The new fuel handling jib crane, discussed on page 7, will be used during fuel handling operations for Unit 2 and will service Unit 2 at that time. New fuel for Unit 2 will be stored in the new fuel storage vault until such time as it is ready for transfer to the spent fuel pool. The fuel will be removed from the vault using new fuel handling jib crane and placed in the Unit 1 spent fuel pool. It will be transferred from the Unit 1 spent fuel pool using the fuel grapple and be transferred through the lock provided in the spent fuel pool to the Unit 2 side. As an alternate to the above, fuel may also be transferred from the new fuel storage vault to the Unit 2 spent fuel pool by use of the overhead crane.



Commonwealth Edison Company

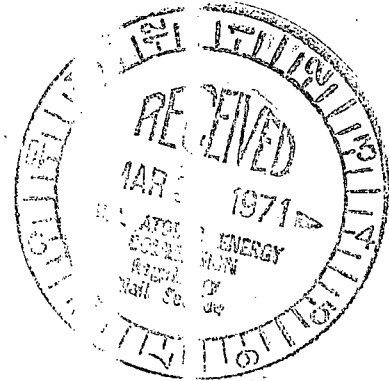
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

February 25, 1971

Mr. E. R. Price, Director
Division of State and
Licensee Relations
U.S. Atomic Energy Commission
4915 South Elmo Avenue
Bethesda, Maryland 20545



Re: Quad-Cities Docket
No. 50-254

Dear Mr. Price:

Extra

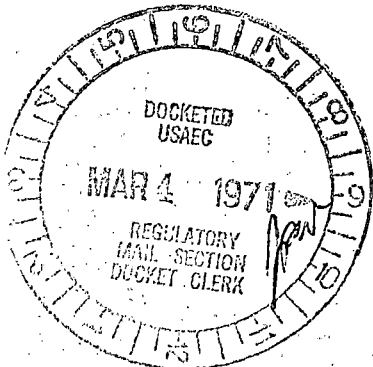
Pursuant to the requirements of Part 40.15 of the Commissions Regulations, enclosed are certified copies of Endorsement No. 9 of the Nuclear Energy Liability Insurance Association facility from policy No. NE-187. This endorsement which provides for "Assignment of Interest in Return Premium and in Reserve Premium Refund" is in replacement of a previous Endorsement No. 9 forwarded to you on December 23.

To continue the practice followed in previous filings, eight copies of the policy and endorsements are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator

cc: C. M. Prosser
Iowa-Illinois Electric & Gas Co.



1011

Mr. Lyall E. Johnson

- 2 -

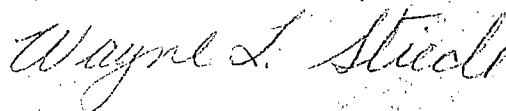
February 22, 1971

On page 8 of Exhibit A, Item 7, we requested an exemption from the requirements of 10 CFR 70.24. We are requesting this same exemption for Unit 2.

On page 9 of Exhibit A, Item 8, we are making application for standby coverage from NELIA in the same amount indicated for Unit 2.

In addition to one signed original, five copies of this application are also submitted.

Very truly yours,

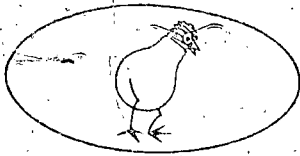


Wayne L. Stiede
Nuclear Licensing Administrator

SUBSCRIBED and SWORN to
before me this 22nd day
of February, 1971.



Notary Public



Commonwealth Edison Company

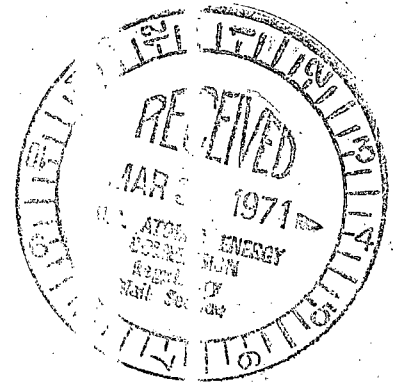
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

February 25, 1971

Mr. E. R. Price, Director
Division of State and
Licensee Relations
U.S. Atomic Energy Commission
4915 South Elmo Avenue
Bethesda, Maryland 20545



Re: Quad-Cities Docket
No. 50-254

Dear Mr. Price:

Extra

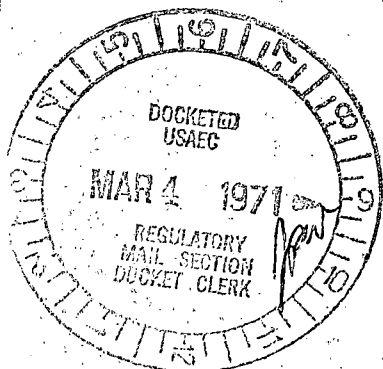
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To continue the practice followed in previous filings, eight copies of the policy and endorsements are enclosed.

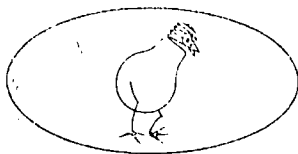
Very truly yours,

R. D. Poole
Insurance Administrator

cc: C. M. Prosser
Iowa-Illinois Electric & Gas Co.



1011



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

December 23, 1970

Mr. E. R. Price, Director
— Division of State and
Licensee Relations
U.S. Atomic Energy Commission
4915 South Elmo Avenue
Bethesda, Maryland 20545

Extra

Re: Quad-Cities
Docket No. 50-254

Dear Mr. Price:

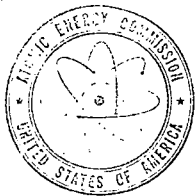
Pursuant to the requirements of Part 140.15 of the Commissions Regulations, enclosed are certified copies of Nuclear Energy Liability Insurance Association facility form policy NF-187, together with related endorsements 1-11, inclusive, providing \$1,000,000 of coverage on our Quad-Cities Nuclear Power Station, Cordova, Illinois. This coverage underlays the AEC indemnification provided by Indemnity Agreement No. B-47.

To continue the practice followed in previous filings, eight copies of the policy and endorsements are enclosed.

Very truly yours,

R. D. Poole
Insurance Administrator

cc: C. M. Prosser
Iowa-Illinois Gas & Electric Company



DELE. JCB
70-1265

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

Commonwealth Edison (Quincy) Illinois

DISTRIBUTION:
Docket File, w/encl
Document Room, w/encl
State Health (License only)
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DML R/F
CO, HQ, w/encl (2)
HJMcAlduff, OROO, w/encl
RWeber, SMM, w/encl
Dir, NMS, w/encl
ACabelli, ADM:DR, w/encl
GWEason, GM, w/encl
JSaltzman, SLR, w/encl
HShapar, CGC, w/encl
LBAumgardner, OC, w/encl
JCDeLaney, DML, w/encl (2)

Commonwealth Edison Company
ATTN: Mr. Henry E. Bliss
Nuclear Licensing Administrator
P.O. Box 767
Chicago, Illinois 60690

OCT 30 1970

Gentlemen:

Enclosed is AEC Special Nuclear Material License No. SNM-1213. Please note that this license authorizes the receipt, inspection, cleaning, channelling and storage only of the U-235 contained in the fuel assemblies. Also enclosed is Indemnity Agreement No. B-47 for your review, acceptance and return of one signed copy.

Please note Condition 11 to the license which provides that fuel shall be stored in such a manner that water could not be retained in or around the fuel assemblies in the event of flooding of the array and subsequent drainage of the water. Such a situation might exist if the assemblies were stored in polyethylene or other protective sleeves that were sealed at the bottom. This would permit moderation of the fuel without the isolating effect of water between the assemblies.

The AEC uses electronic data processing equipment to record the location by licensee of special nuclear material. This system uses a three-letter reporting identification symbol to identify licensees who submit material transfer reports and periodic material status reports in accordance with Section 70.53 and Section 70.54 of the Commission's regulations. For this purpose, we have assigned to you the following reporting identification symbol: YUA. An explanation of when and how to use this symbol is given in the enclosed instruction sheet. Your cooperation will be appreciated.

Sincerely,

Original Signed by
Donald A. Nussbaumer

Donald A. Nussbaumer, Chief
Fuel Fabrication and
Transportation Branch
Division of Materials Licensing

Enclosures:

1. License No. SNM-1213
2. Indemnity Agreement No. B-47
3. Instruction Sheet

October 24, 1970

Files

INDEMNITY AGREEMENT NO. B-47 - COMMONWEALTH EDISON COMPANY
(QUAD-CITIES) - DOCKETS 50-254, 70-1265

DNL intends to issue to Commonwealth Edison Company a license for storage of fuel, SNM-1213, to be used in the Quad-Cities Nuclear Power Station Unit 1 under construction by authority of Construction Permit CPPR-23.

Fuel will be stored in the new fuel storage vault, spent fuel storage pool and the refueling floor adjacent to the new fuel inspection stand at Quad-Cities Station Unit 1. The area for fuel storage is delineated in Figure 1, dated October 15, 1970, attached to Indemnity Agreement B-47 and made a part thereof.

The licensee has obtained underlying financial protection for \$1 million with the same site description as our indemnified location.

Effective on the date of issuance of SNM-1213, we will issue Indemnity Agreement B-47. The indemnity fee is \$100 per year.

Handwritten signature: Jerome Saltzman

J. D. Saltzman, Chief
Indemnity & Export Control Branch
Division of State and
Licensee Relations

CC: OGC
OC (H.T. Jordan)

Distribution:
Docket 70-1265
50-254
Indemnity File
Branch R/F
Division R/F

✓ SLR: I&ECB

JSaltzman:hkm

10/23/70

WESTERN UNION

DOCKET NO. 50-254

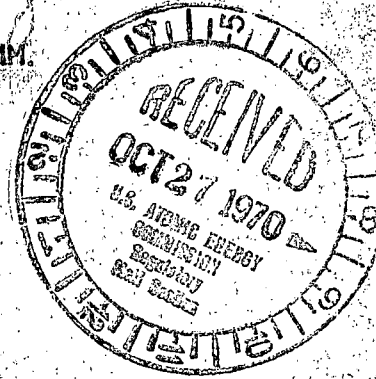
NNNN *

USAEC HQS GTWN

1970 OCT 26 PM 3 07

U.S. ATOMIC ENERGY COMM.
TWX UNIT

WU SVR



SIA025 KT PDB

CH NEW YORK NY OCT 26 1202P EDT

US ATOMIC EMERGENCY COMMISSION GERMANTOWN MD

TELEX 089-569 ATTN: J. SALTZMAN DIV OF STATE LICENSEE RELATIONS

GERMANTOWN MD

NELIA HAS BOUND EFFECTIVE 1201 AM 1 OCTOBER 1970 NUCLEAR
EMERGENCY LIABILITY INSURANCE POLICY NF187 WITH POLICY LIMIT
K OF \$1,000,000 FOR COMMONWEALTH EDISON COMPANY AS NAMED INSURED
AT QUAD CITIES FACILITY. SITE DESCRIPTION THE NEW FUEL
STORAGE VAULT THE SPENT FUEL STORAGE POOL AND THAT PART OF
THE REFUELING FLOOR ADJACENT TO THE NEW FUEL INSPECTION STAND
AS OUTLINED AND MARKED INDEMNIFIED AREA ON FIGURE 1 DATED OCTOBER
15, 1970 ATTACHED TO THE QUAD CITIES STATION UNIT 1 LOCATED
IN ROCK ISLAND COUNTY ILLINOIS.

NUCLEAR EMERGENCY LIABILITY INSURANCE ASSOC
CHARLES R BARDES UNDERWRITING MGR

305P+

USAEC HQS GTWN

F. W. ...

WU SVR

3434

WESTERN UNION

Indemnity File

October 24, 1970

Files

INDEMNITY AGREEMENT NO. B-47 -- COMMONWEALTH EDISON COMPANY
(QUAD-CITIES) - DOCKETS 50-254, 70-1265

DML intends to issue to Commonwealth Edison Company a license for storage of fuel, SNM-1213, to be used in the Quad-Cities Nuclear Power Station Unit 1 under construction by authority of Construction Permit CPPR-23.

Fuel will be stored in the new fuel storage vault, spent fuel storage pool and the refueling floor adjacent to the new fuel inspection stand at Quad-Cities Station Unit 1. The area for fuel storage is delineated in Figure 1, dated October 15, 1970, attached to Indemnity Agreement B-47 and made a part thereof.

The licensee has obtained underlying financial protection for \$1 million with the same site description as our indemnified location.

Effective on the date of issuance of SNM-1213, we will issue Indemnity Agreement B-47. The indemnity fee is \$100 per year.

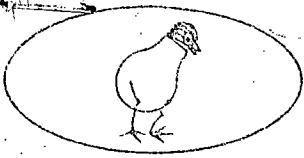
Jerome Saltzman

J. D. Saltzman, Chief
Indemnity & Export Control Branch
Division of State and
Licensee Relations

CC: OGC
OC (H.T. Jordan)

Indemnity

COCKET NO. 50-254



Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

October 15, 1970

Mr. E. R. Price, Director Division
of State and Licensee Relations
U.S. Atomic Energy Commission
Washington, D.C. 20545

RECEIVED
OCT 19 1970
U.S. ATOMIC ENERGY
COMMISSION
MAIL SECTION

Dear Mr. Price:

Attached are ten copies of the Quad-Cities fuel storage site description and detail plat.

Would you please return the ten copies of the broad Quad-Cities site description and detail plat that I sent you on October 7, 1970. I am asking for them back in case we make a change in the site between now and fuel loading.

We are also changing the site description with NELIA and when we receive copies of their policy we will send you the proper number of copies.

Very truly yours,

R. D. Poole
Insurance Administrator

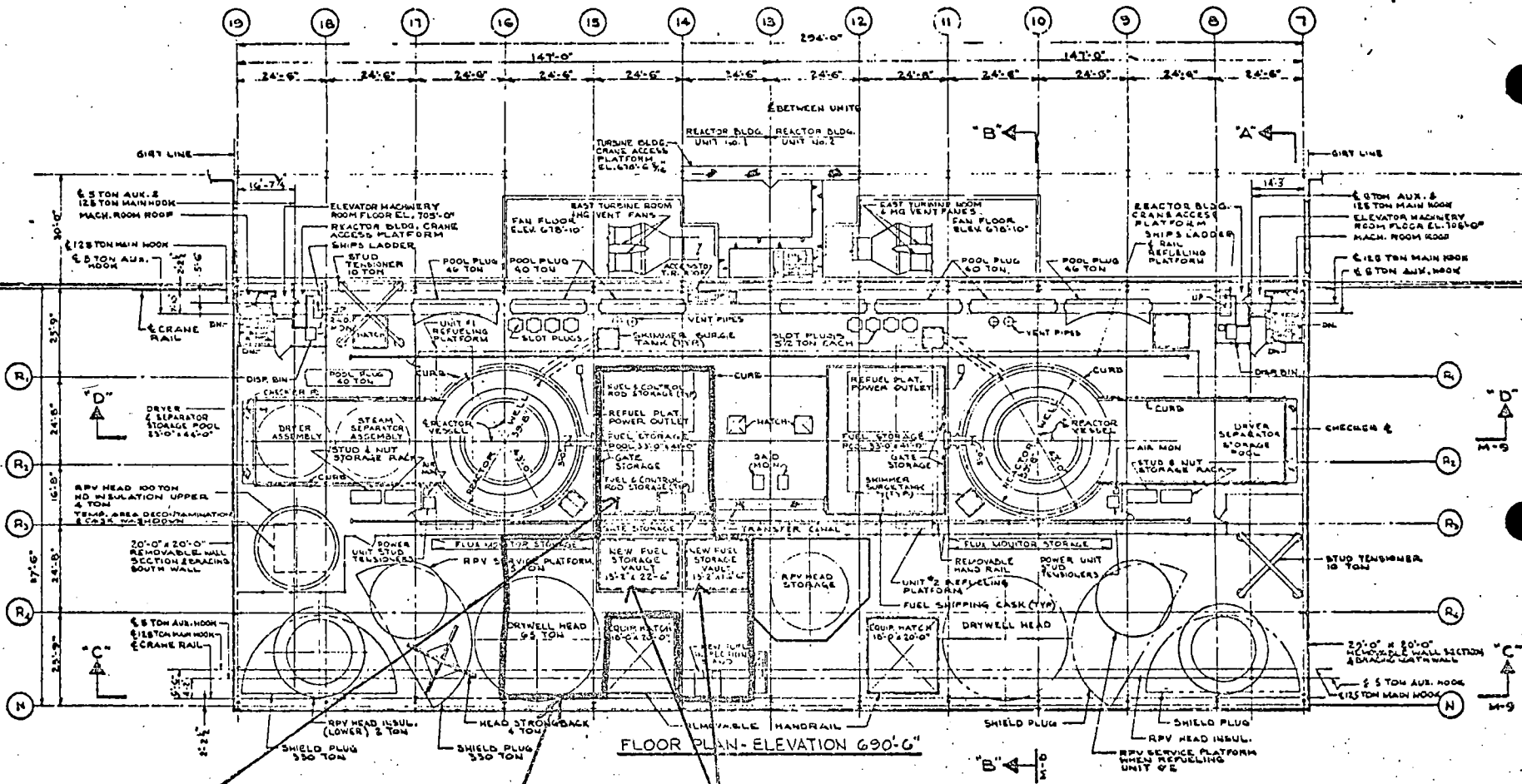
Quad-Cities Fuel Storage

Site Description

The new fuel storage vault, the spent fuel storage pool and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 attached, of the Quad-Cities Station Unit 1, located in Rock Island County, Illinois.

3050

10-15-70



Location of Spent Fuel Storage Pool

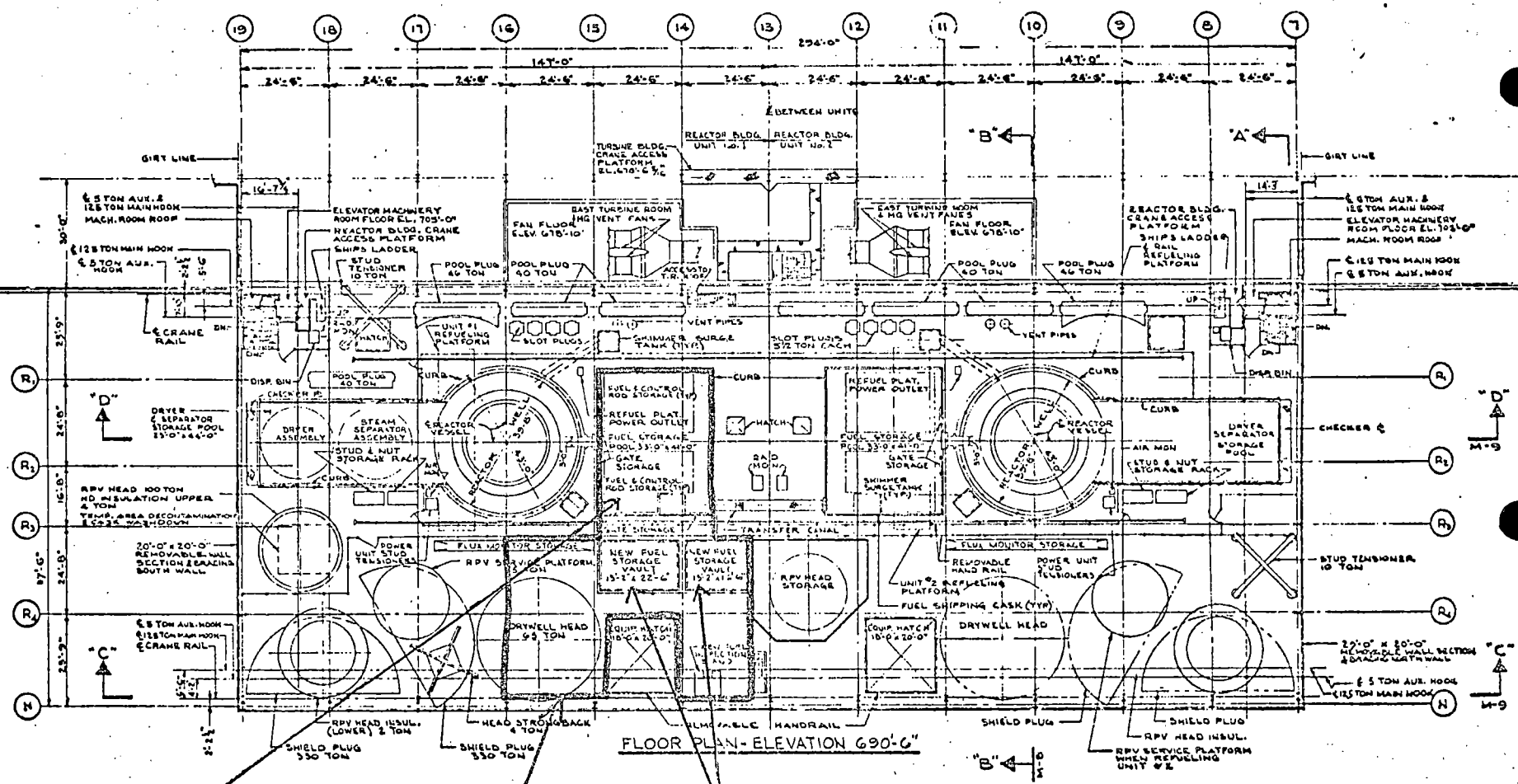
Location of New Fuel Storage Vault

Indemnified Area

Quad-Cities Fuel Storage

Site Description

The new fuel storage vault, the spent fuel storage pool and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 attached, of the Quad-Cities Station Unit 1, located in Rock Island County, Illinois.

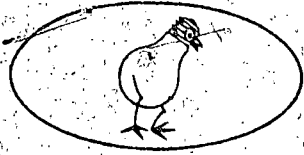


Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Indemnified Area

October 15, 1970
 FIGURE 1



DOCKET NO. 50-254, -265

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

October 7, 1970

Mr. E. R. Price, Director
Division of State and
Licensee Relations
U.S. Atomic Energy Commission
Washington, D.C. 20545


Dear Mr. Price:

Attached are ten copies of the Quad-Cities site description and detail plat.

We have under NELIA Policy NF-187 \$1,000,000 of standby coverage effective October 1, 1970. Would you please let me know if this is sufficient or whether I should increase the amount of NELIA insurance as the amount of fuel in storage increases.

When we receive copies of the NELIA Policy we will send you the proper number of copies.

Very truly yours,


R. D. Poole
Insurance Administrator

Quad-Cities Site Description

That part of the North Eighteen Hundred (1800) feet of the Northeast Fractional Quarter of Section Eighteen (18), lying easterly of the Mississippi; also the South Two Hundred (200) feet of the Southeast Fractional Quarter of Section Seven (7) lying easterly of the Mississippi River; all in Township Twenty (20) North, Range Two (2) East of the Fourth Principal Meridian, Rock Island County, Illinois, being approximately three (3) miles north of the Village of Cordova and known as Quad-Cities Nuclear Power Station; bounded on the North, East and South by the plant security fence, and on the West by the Mississippi River, as indicated by shaded area on plat dated August 25, 1970, attached hereto as Exhibit "A" and made a part hereof.

HC 9401
(9-66)

INTERMEDIATE ACTION FORM

Source & SNM Licenses

REFERENCE NUMBERS

01. PROG. CODE 63	03. DOCKET NO. 70-1265	09. TASK 3120	42. PURPOSE OF TASK storage license	12. CONTROL NO. 3120	15. LICENSE NUMBER		
18. APPLICANT Commonwealth Edison Company					54. AM. NO. RESULTING FROM TASK		
21. STREET & BUILDING P. O. Box 767				45. CLASSIFICATION U	63. ASG. TO:		
24. CITY Chicago	27. STATE ILL	30. ZIP 60690	33. RECEIVED		36. ISSUED		
			YR. MO. DAY 70 09 30	YR. MO. DAY	39. EXPIRED YR. MO. DAY		
57. APPLICANT'S COMMUNICATION DATED			YR. MO. DAY 70 09 25	59. ENCLOSURES (6 cys. rec'd)			
58. DESCRIPTION (MUST BE UNCLASSIFIED) Ltr. trans:			"Application for SNM License," to cover storage only of fuel assemblies for the Quad-Cities Unit #1 reactor.....				
			60. DISTRIBUTION 2-CO (Hdqtrs) 1-Page (NMS) 1-Saltzman (SL)				
INTERMEDIATE ACTIONS							
TYPE	ON			ACTIV.	RETURNED		
	YR.	MO.	DAY		YR.	MO.	DAY
ADDL. INFO. REQUESTED FROM APPLICANT	91			92	1	93	
REFERRED TO:	94			95	2	96	
REFERRED TO:							
OTHER REFERRALS							
DATE							
YR. MO. DAY							
Nussbaumer: 70 10 02							
w/file cy. & folder							
2-extras							
1-PDR Copy							
B-47							
SNM-1213							
asc							

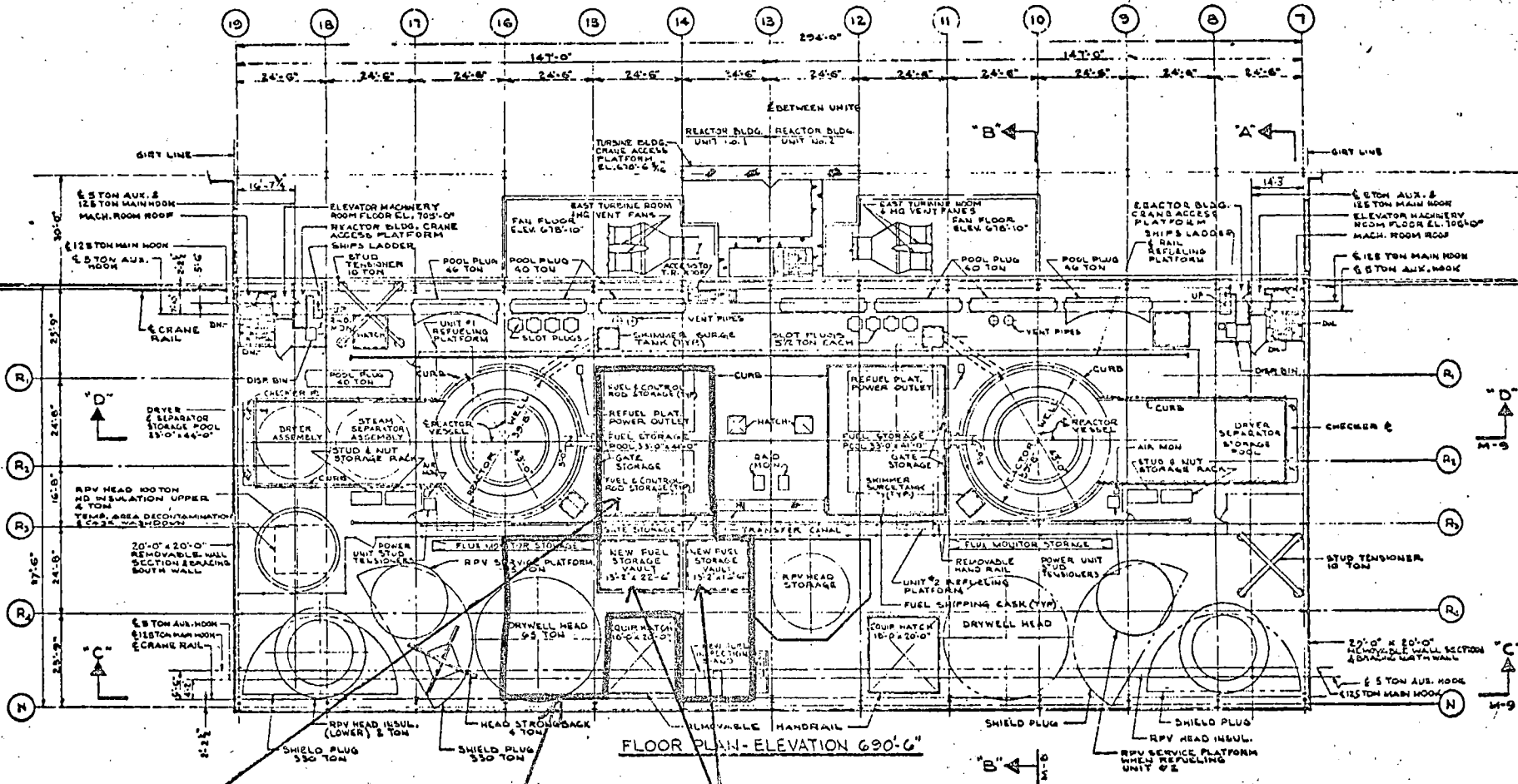
Quad-Cities Fuel Storage

Site Description

The new fuel storage vault, the spent fuel storage pool and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked Indemnified Area on figure 1 attached, of the Quad-Cities Station Unit 1, located in Rock Island County, Illinois.

3350

10-15-70

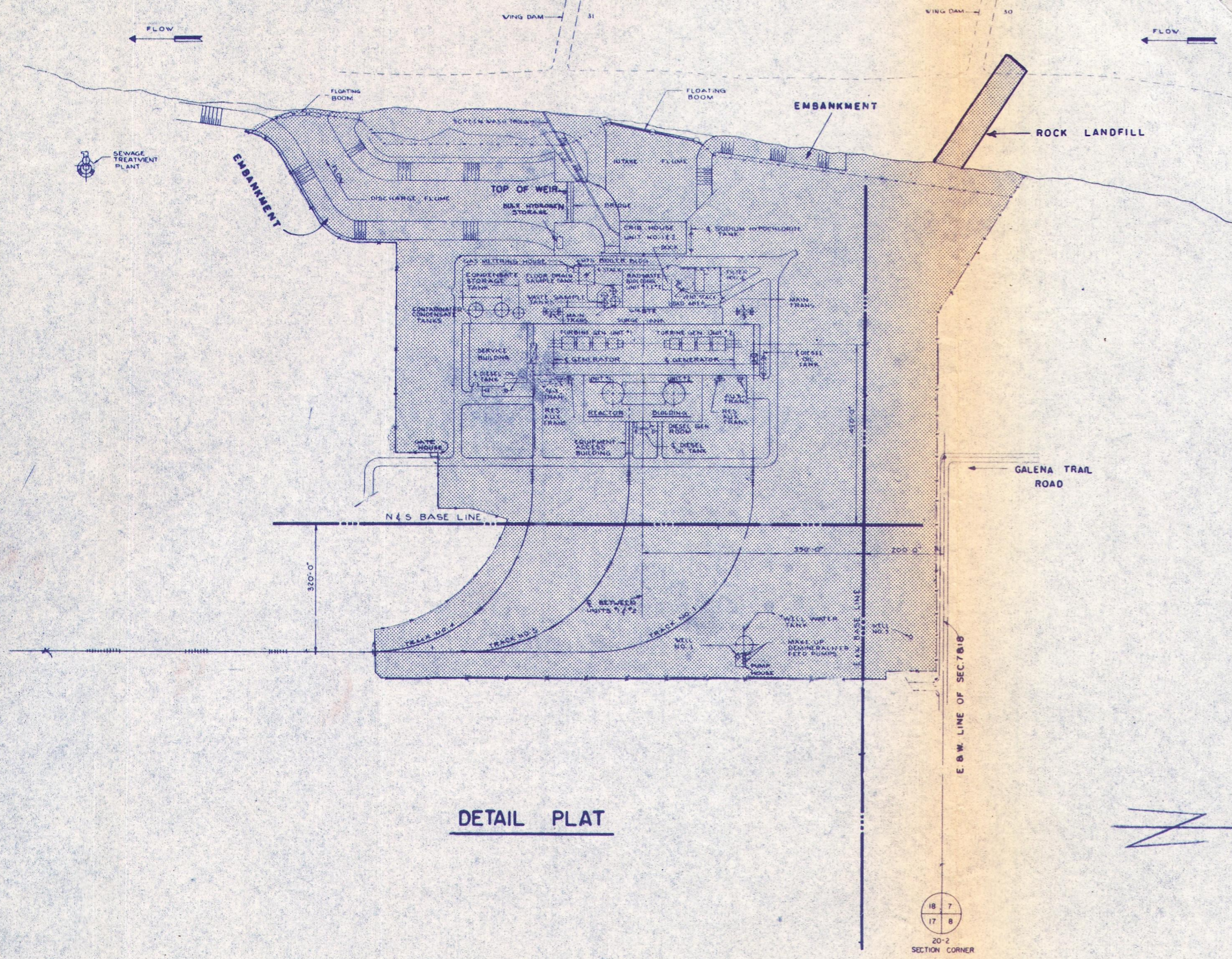


Location of Spent Fuel Storage Pool

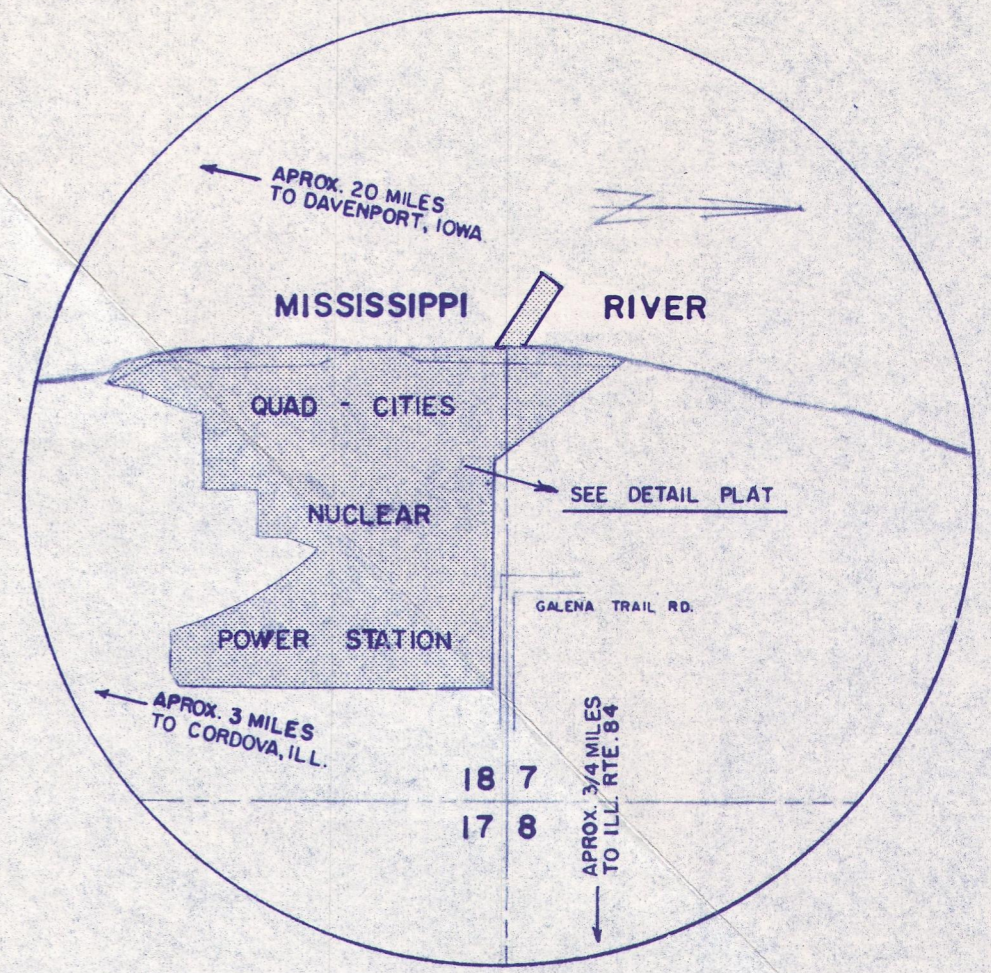
Location of New Fuel Storage Vault

Indemnified Area

M I S S I S S I P P I R I V E R

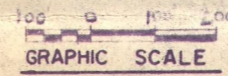


DETAIL PLAT



LOCATION PLAT

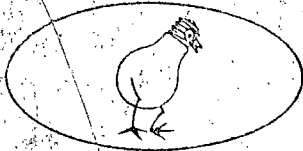
LEGEND
 -x-x- SECURITY FENCE



COMMONWEALTH EDISON CO.
 IOWA-ILLINOIS GAS & ELECTRIC CO.
 QUAD-CITIES NUCLEAR POWER STA.
 TOWNSHIP 20 NORTH, RANGE 2 EAST, OF 4TH.
 PRINCIPAL MERIDIAN. ROCK ISLAND CO. ILL.

REAL ESTATE DEPT.

DRAWN: AUGUST 25, 1970



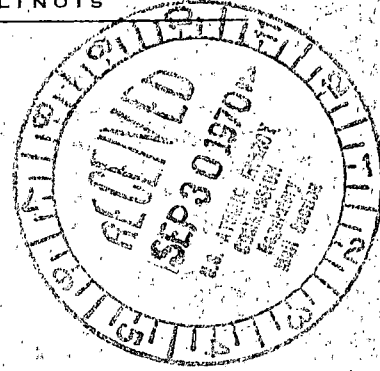
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

September 25, 1970



Dr. J. A. McBride, Director
Division of Material Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Subject: Application for Special Nuclear Material License for Quad-Cities Unit 1

Dear Dr. McBride:

On behalf of Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, application is hereby made for a license to receive, possess, and store only fuel elements for eventual use in Quad-Cities Nuclear Power Station Unit 1. Attached hereto is Exhibit A which contains the necessary descriptive information relative to this application.

Present plans call for fuel shipments to the Quad-Cities site to commence on or about November 1, 1970. Accordingly, it would be appreciated if this license could be issued by this date. Should you require additional information, please contact me.

In addition to one signed original, five copies of this application are also submitted.

Very truly yours,

Henry E. Bliss

Henry E. Bliss
Nuclear Licensing Administrator

SUBSCRIBED and SWORN to
before me this 25th day
of September, 1970.

Patricia A. Nelson
Notary Public

EXHIBIT A

APPLICATION
FOR
SPECIAL NUCLEAR MATERIAL LICENSE
FOR TEMPORARY STORAGE ONLY
OF FUEL ASSEMBLIES
FOR
QUAD-CITIES NUCLEAR POWER STATION
UNIT 1

COMMONWEALTH EDISON COMPANY

IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

This application is filed pursuant to Title 10, Code of Federal Regulations, Part 70, for authorization to receive, possess, and store nuclear fuel assemblies.

The following information is submitted in support of this application:

1. APPLICANT

COMMONWEALTH EDISON COMPANY (CECO)	IOWA-ILLINOIS GAS & ELECTRIC CO.
P. O. Box 767	206 East Second Street
Chicago, Illinois 60690	Davenport, Iowa 52801

2. ADDRESS OF STORAGE SITE

Quad-Cities Nuclear Power Station located on the east bank of the Mississippi River in Rock Island County, Illinois, approximately three miles north of Cordova, Illinois.

3. CORPORATE INFORMATION

The information set forth in the Application of Commonwealth Edison, and Iowa-Illinois Gas and Electric Company, as amended, filed in AEC Docket 50-254, for the Quad-Cities Nuclear Power Station Unit 1, is hereby incorporated by reference. Findings concerning control and ownership of the applicant and its technical and financial qualification are set forth in the initial decision, dated February 14, 1967, issued in AEC Dockets 50-254 and 50-265.

4. FUEL ASSEMBLIES

The 724 fuel assemblies to be received and stored are described as follows:

U-235 Enrichment	1.20%, 1.70%, 2.47%
Gd ₂ O ₃ Concentration	0.5%, 3.0%

Clad Thickness	0.032 in.
Length (O.A.)	171-1/8 in.
Fuel Assembly Cross Section	5.438 in. x 5.438 in.
Clad Outside Diameter	0.563 in.
Gross weight/bundle	263 Assemblies @ 678 lbs. 461 Assemblies @ 667 lbs.
Type	Rod and Pellet
Material of Construction	Zircaloy 2 and Zircaloy 4

Total of 2978 kilograms of U-235 is contained in the 724 fuel assemblies.

5. TRANSPORTATION TO THE SITE

All fuel assemblies are to be delivered to the site in accordance with shipping procedures and arrangements of General Electric Company, in container Model RA-1, authorized for use by that Company under a separate license. The General Electric Company is responsible for shipment of the fuel assemblies from Wilmington, N.C., to the reactor site.

Fuel will be shipped by transport truck in quantities up to sixteen shipping containers containing thirty-two fuel assemblies per truck shipment.

6. FUEL STORAGE CONDITIONS

A. Fuel Receiving and Preparation

1. Fuel assemblies will be received at the site in Model RA-1 shipping containers as licensed under SNM-54, Docket 70-1007, Amendment 71-7.

2. The transport truck, carrying 16 wooden shipping containers (WSC's), will be inspected for damage and positioned in a cleared working area in the vicinity of the Unit 1 reactor building.
3. A preliminary radiation survey for external contamination will be made.
4. Using a fork lift truck or suitable mobile crane, four WSC's will be removed from the transport truck and placed in an area designated for cover removal. Should circumstances arise that are not foreseen at this time that could deter the movement of fuel into the reactor building, unopened WSC's will be temporarily stored in an outdoor area which meets the following requirements:
 - a. Area is protected by a security fence.
 - b. Area is covered with ten inches of crushed stone.
 - c. No more than 16 WSC's are in one stack.
 - d. No stack is no more than two WSC's high.
 - e. At least 25 feet is provided between stacks.
 - f. Each stack is covered with a fireproof blanket.
 - g. Each stack is tied down for tornado protection.
 - h. Area is lighted at night.
 - i. At least one fire hydrant is at the area.
 - j. At least two non-freezing type fire extinguishers are at the area.

- k. A guard security station is situated so that the area is patrolled hourly.
1. No other combustible material will be allowed within the fence-enclosed area (including weeds).
5. The WSC covers will be removed and set aside.
6. A radiation survey will be made of the four exposed, unopened metal shipping containers (MSC's). Each MSC contains two fuel assemblies.
7. Using the fork lift truck, the four MSC's will be removed from their WSC's and placed on a flat bed truck.
8. The flat bed truck carrying the four unopened MSC's will be moved through the reactor building air lock and positioned under the hatchway to the refueling floor.
9. The four MSC's will be removed from the flat bed truck and positioned horizontally on the floor, using the Fuel Receiving Jib Crane (FRJC).
10. The lids will be removed from the four MSC's and set aside.
11. A radiation survey will be made of the eight exposed new fuel assemblies.
12. Each of the four strongbacks (MSC's with covers removed) will be raised to the vertical position using the FRJC, placed into the New Fuel Transfer Basket (NFTB), and secured.

13. The NFTB will be raised to the refueling floor of the reactor building and placed in a designated work area, using the Reactor Building Overhead Crane (RBOC). It is also permissible to transfer the unopened MSC's to the refueling floor, and perform the cover removal and radiation survey indicated in Steps 10 and 11 on the refueling floor.
14. Using the New Fuel Handling Jib Crane (NFHJC), two fuel assemblies will be removed from a strongback still contained in the NFTB, and transferred to the New Fuel Inspection Stand (NFIS). This step may be modified to permit placement of fuel assemblies in the New Fuel Storage Vault (NFSV) from the NFTB to permit inspection at a later time.
15. Each of the two fuel assemblies in the NFIS will be inspected, cleaned, and channelled in the NFIS.
16. The two channelled fuel assemblies in the NFIS will be transferred one at a time from the NFIS to either the NFSV or the Spent Fuel Storage Pool (SFSP), using the NFHJC. Fuel assemblies may be repositioned in the SFSP using the refueling platform. The NFSV and SFSP are described in Section 10 of the revised Quad-Cities Final Safety Analysis Report (FSAR) which was submitted with Amendment No. 11 to the applications for

construction permits and operating licenses for Quad-Cities Units 1 and 2 filed under AEC Dockets 50-254 and 50-265, respectively. The locations of the NFSV and SFSP are shown in Figure 1.

17. Steps 14, 15, and 16 will be repeated until all eight fuel assemblies in the NFTB have been stored.
18. Steps 4 through 17 will be repeated until the entire truckload of fuel has been handled.
19. Steps 1 through 18 will be repeated until the entire core load of fuel has been stored.
20. Prior to fuel loading, all fuel assemblies located in the NFSV will be moved to the SFSP in preparation for fuel loading.
21. Following receipt of the operating license, reactor fuel loading will be performed per startup test no. 3.

B. Handling Equipment

Suitable substitute handling equipment may be used in place of that named below and in paragraph 6.A. Such substitute handling equipment will meet the servicing and capacity requirements of the equipment as described below.

1. Fork lift truck - larger than 3 ton.
2. Flat bed truck - stake truck.
3. Fuel Receiving Jib Crane (FRJC) - 5 to 6 ton capacity, motorized, mounted on mezzanine floor in reactor

building hatchway, services ground floor under hatchway.

4. New Fuel Handling Jib Crane (NFHJC) - 30 to 36 ft. boom, 1000 lb. capacity, motorized, services Unit 1 refueling floor at this time.

C. Fuel Handling Limitations

1. As many as 48 wooden shipping containers may be temporarily stored in the unloading area.
2. As many as 16 unopened metal shipping containers may be temporarily placed beneath the equipment hatch awaiting transport to the refueling floor.
3. Up to 19 fuel assemblies may be in a transient state at any one time; 8 in each of 2 transfer baskets; 2 in the inspection stand; and 1 on the refueling platform.
4. Up to two NPTB's may be used to expedite handling of empty MSC's.
5. As many as 16 unopened metal shipping containers may be stored on the refueling floor in stacks four containers high.

D. Fuel Handling Personnel

All fuel receiving, handling, and cleaning will be done by qualified CECO Fuel Handlers under the supervision of qualified Fuel Handling Foreman.

E. Radiation Protection

All radiation protection material surveying and personnel monitoring will be done by qualified CECO Radiation Protection men using accepted procedures and equipment.

F. Records

1. Fuel shipping and receiving papers will be kept by CECO.
2. All fuel movements in the reactor building will be recorded on tag boards mounted on the refueling floor and updated at least once per shift by the CECO Fuel Handling Foreman.
3. Inventory maps will be kept of all fuel storage locations by CECO.

7. REQUEST FOR EXEMPTION FROM REQUIREMENT OF 10CFR70.24

The procedures and storage facilities described in this application provide assurance that inadvertent criticality cannot occur during receipt, possession, and storage of the Quad-Cities nuclear fuel assemblies. The General Electric Model RA-1 shipping container, in which the fuel will be received at the site, is approved for Class I transport as defined in 10CFR71.4(d)(1).

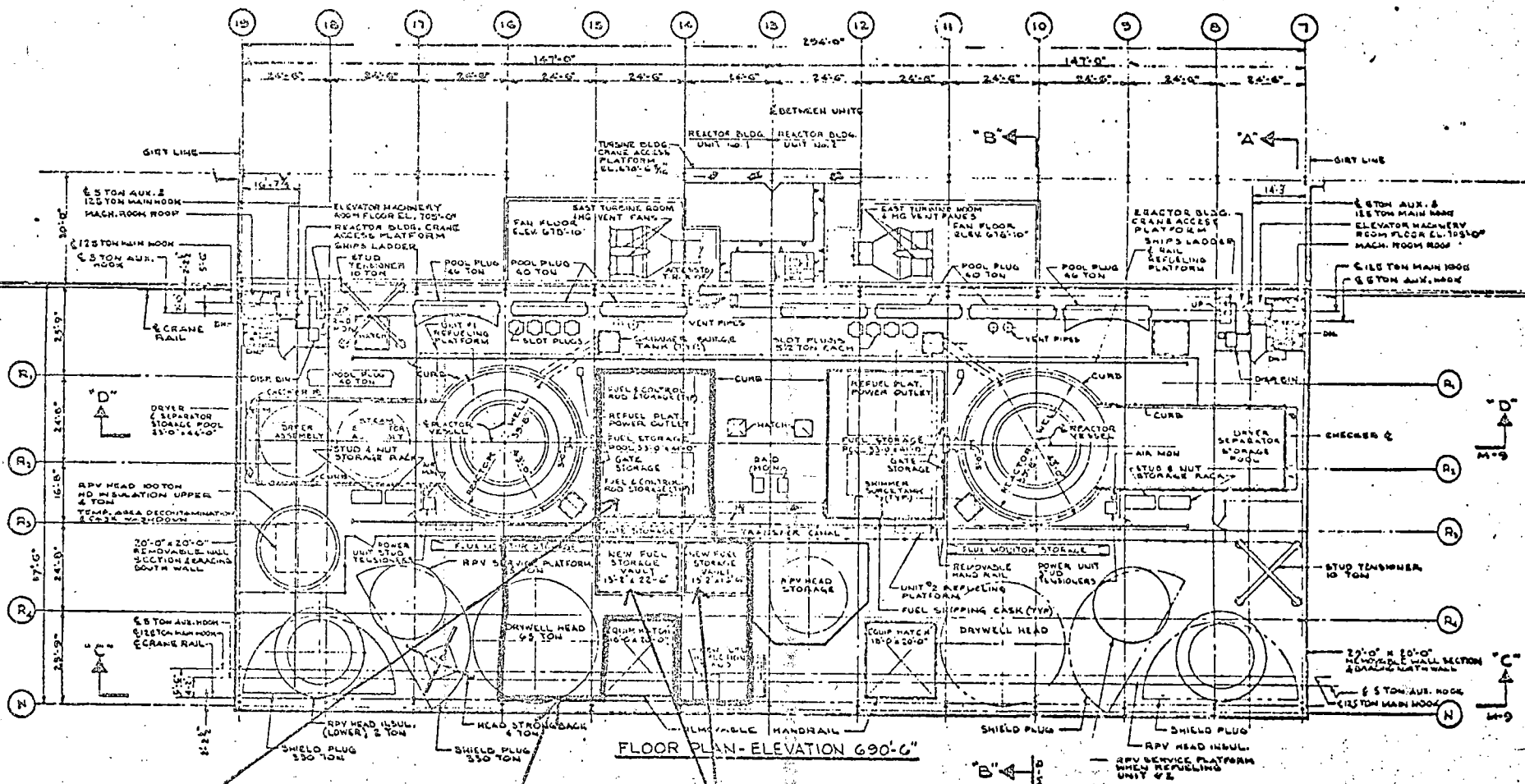
The procedures for unloading and inspecting the fuel in preparation for storage in the NFSV and/or SFSP are based, in part, on the prevention of criticality during these operations. Finally, the NFSV and SFSP are designed such that, when loaded to capacity, they provide a subcritical configuration when flooded with water.

Accordingly, it is requested that Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company be exempted from the requirements of 10CFR70.24 insofar as they apply to the storage of nuclear assemblies at Quad-Cities Unit 1.

8. INDEMNITY AND INSURANCE

An application is being prepared for \$1,000,000 stand-by coverage with NELIA to cover the storage of the fuel assemblies described in this application.

As soon as the policy is issued, copies will be sent to the Division of State and Licensee Relations so that when the Special Nuclear Material License for Quad-Cities Unit 1 is issued, an indemnity agreement can be issued simultaneously.

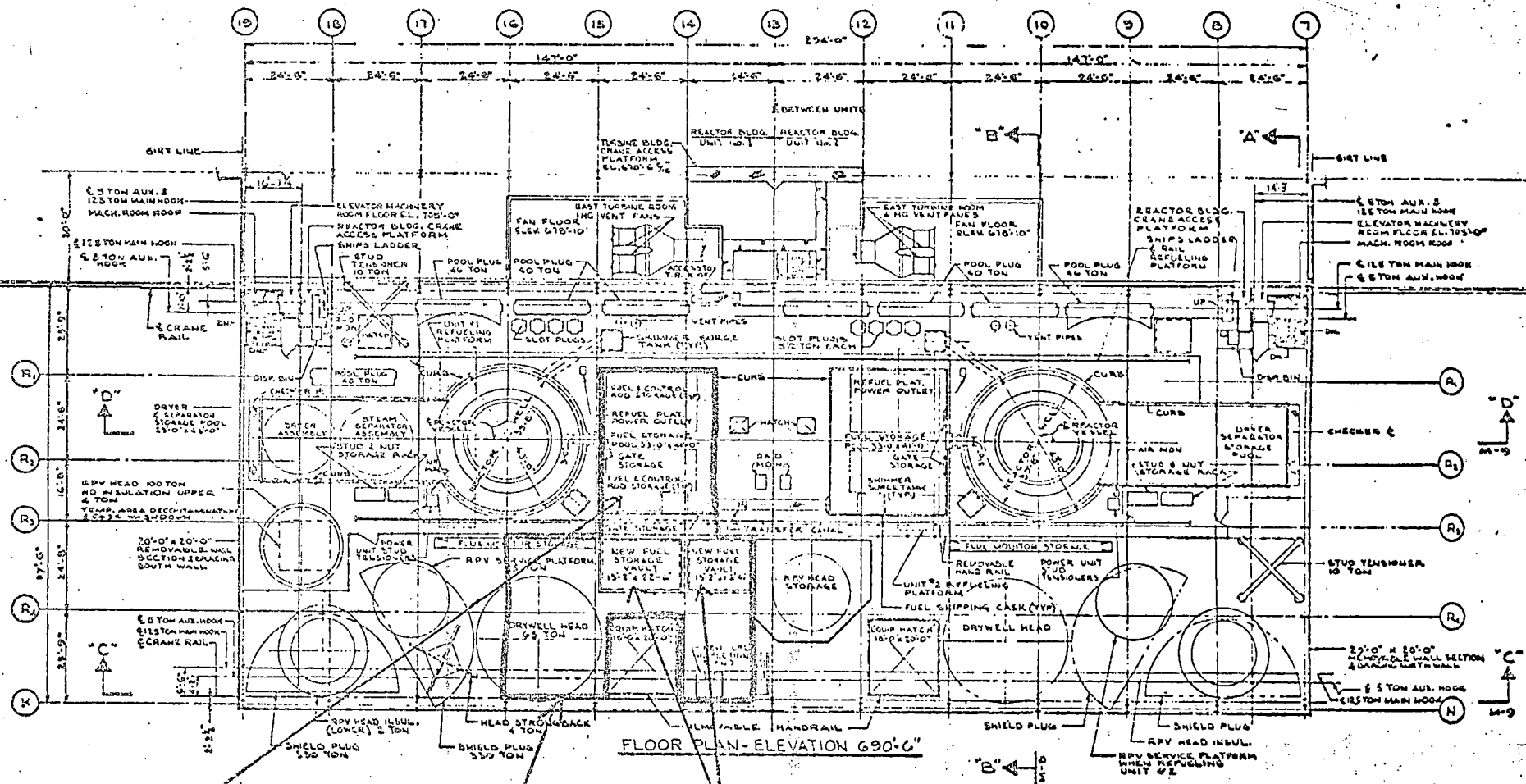


Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Indemnified Area

FIGURE 1
 October 15, 1970

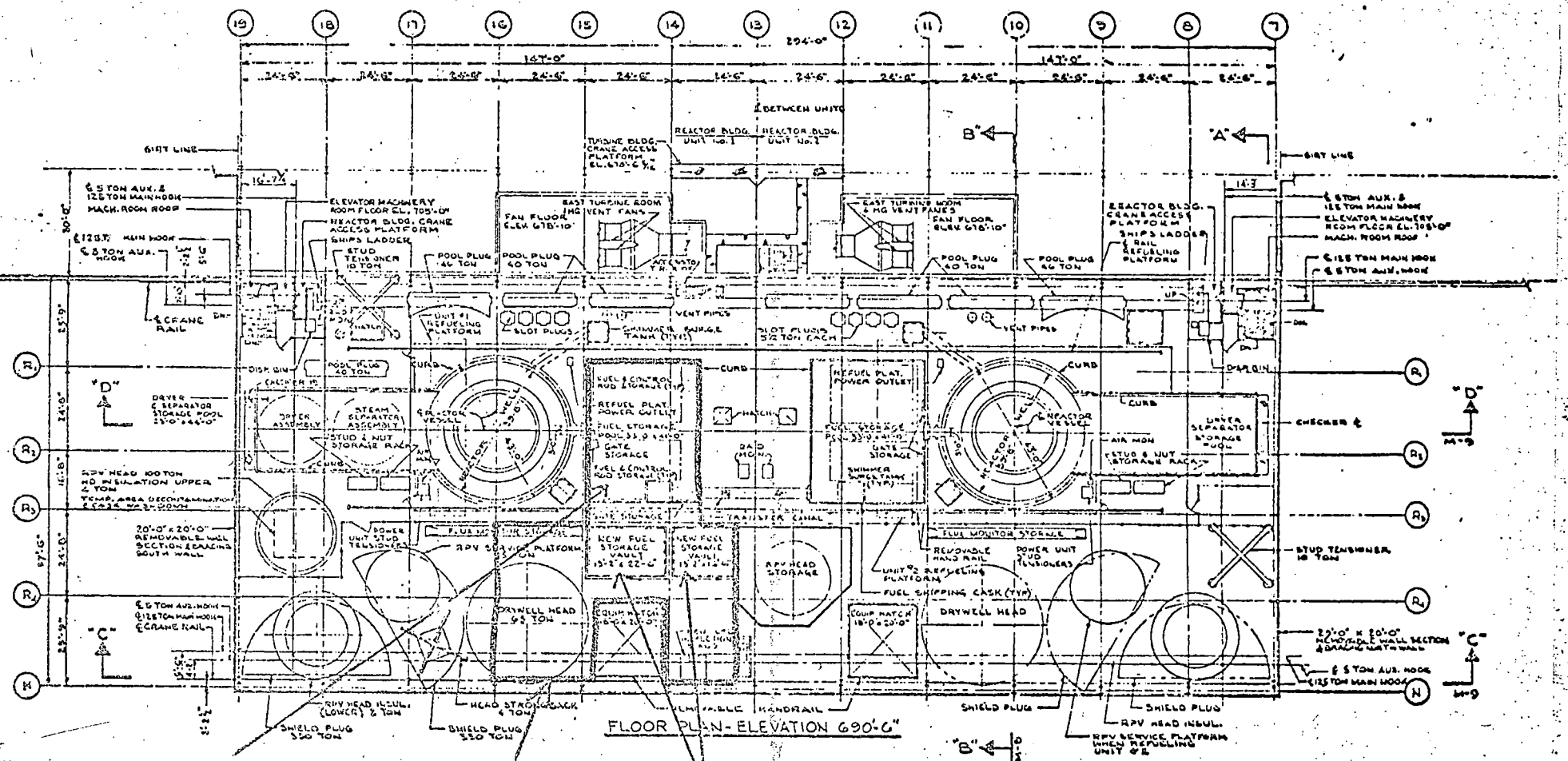


Location of Spent
 Fuel Storage Pool

Location of New
 Fuel Storage Vault

Indemnified Area

Figure 1
 October 15, 1970

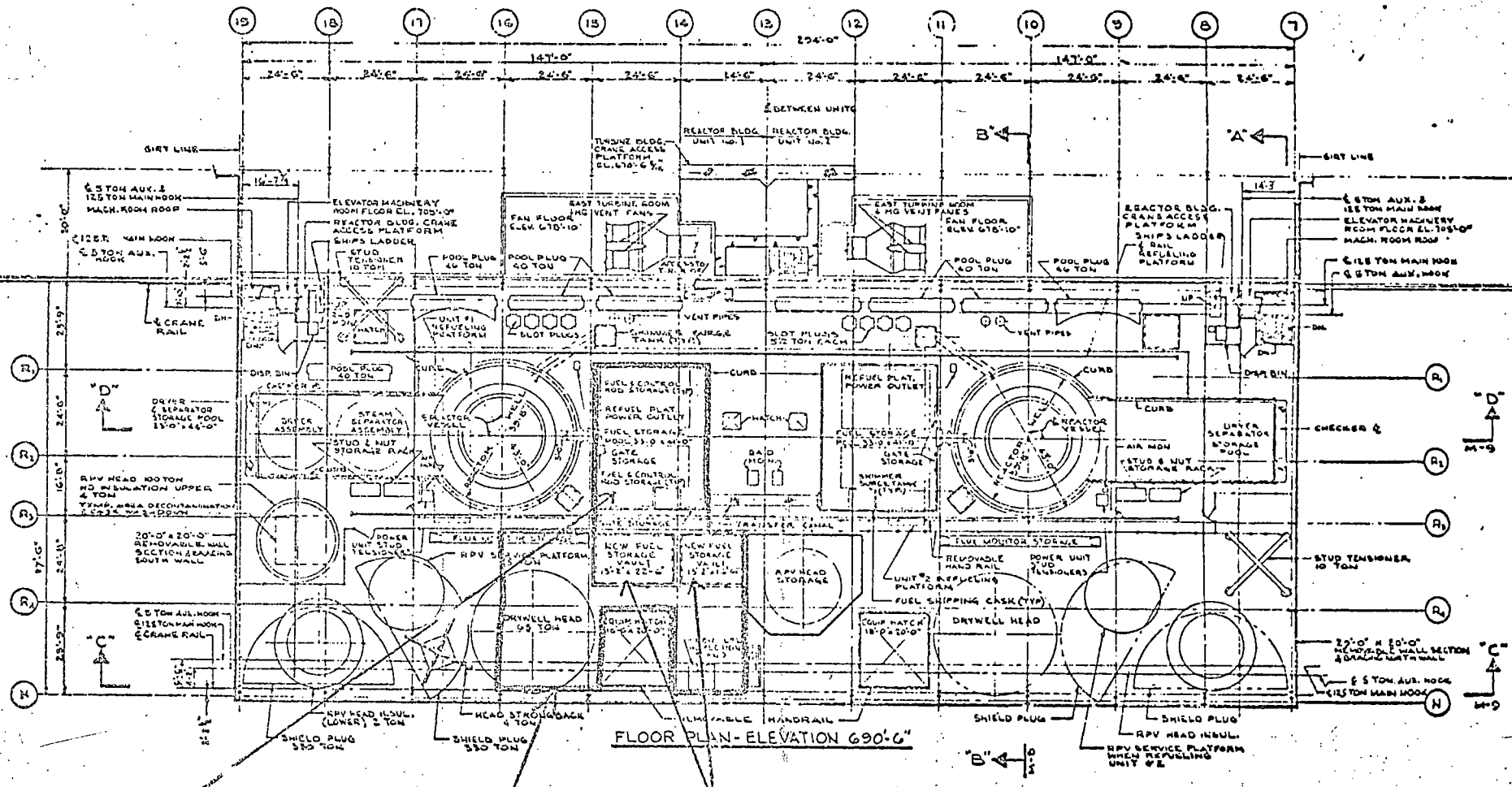


Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Indemnified Area

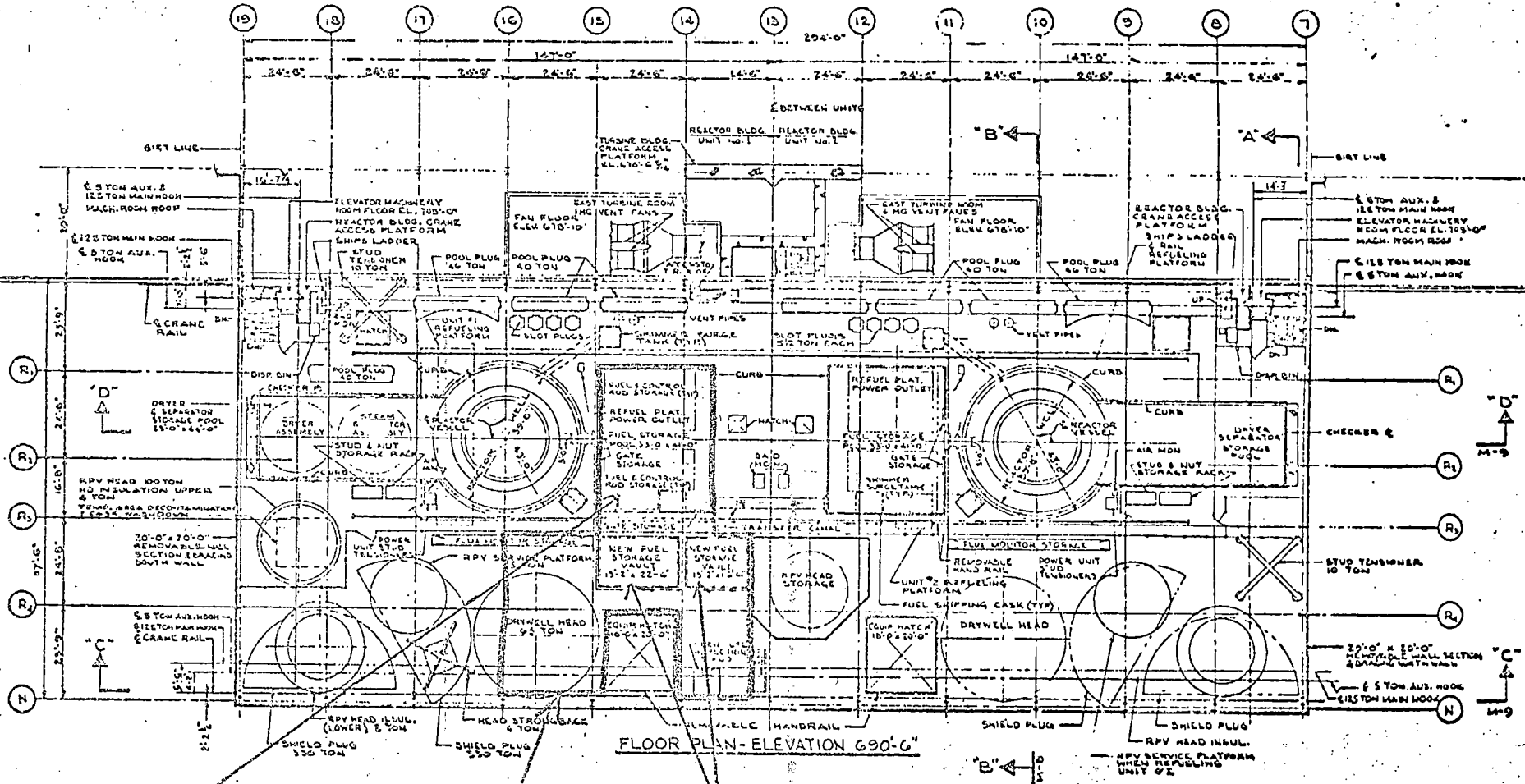
Figure 1
 October 15, 1970



Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Indemnified Area

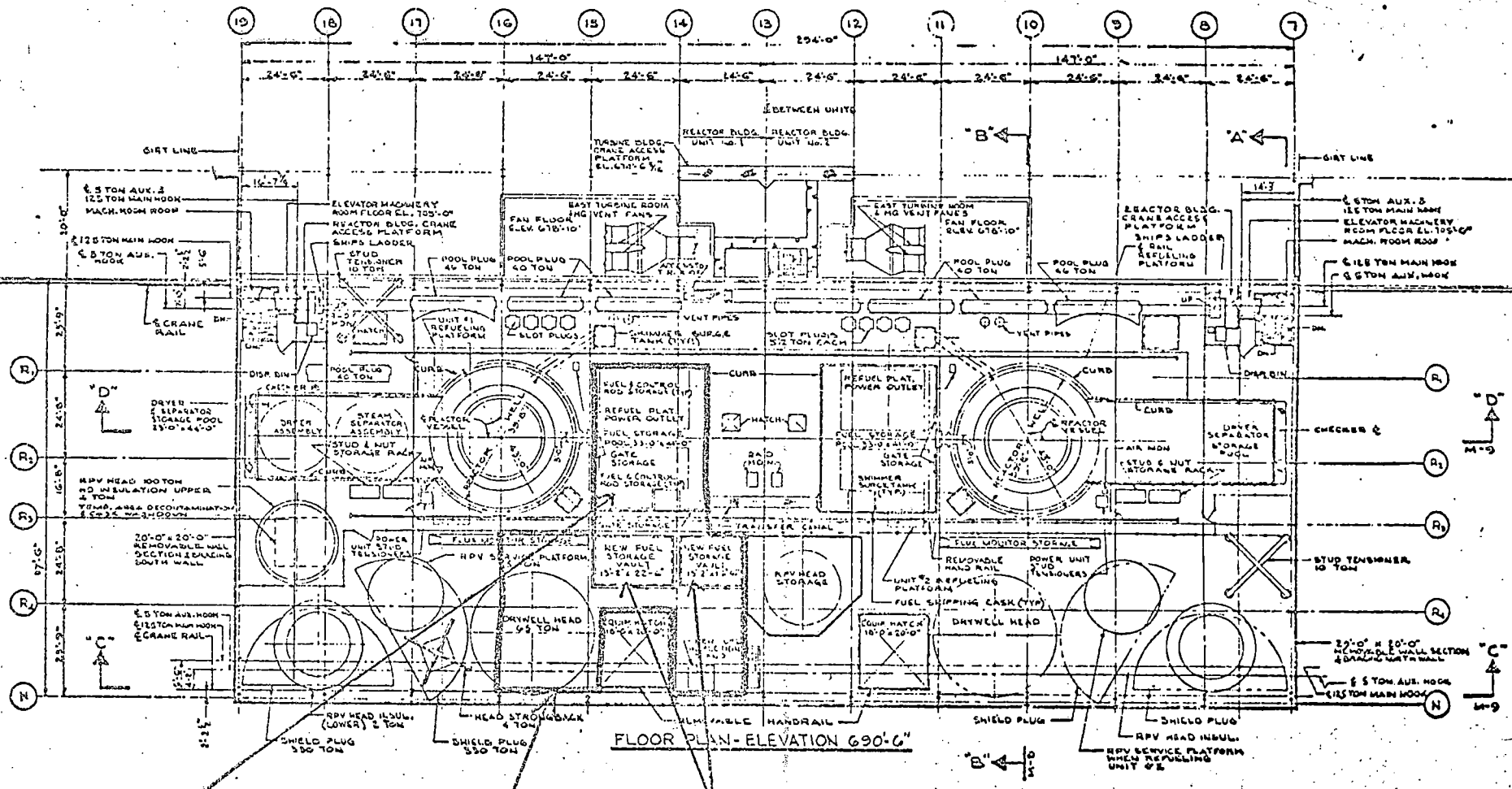


Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Indemnified Area

Figure 1
 October 15, 1970



Location of Spent Fuel Storage Pool

Location of New Fuel Storage Vault

Indemnified Area

Figure 1
 October 15, 1970

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION

DESCRIPTION OF THE FACILITY ENDORSEMENT

It is agreed that in Item 3 of the Declarations the Description of the Facility "Location" is as follows:

The new fuel storage vault, the spent fuel storage pool and that part of the refueling floor adjacent to the new fuel inspection stand as outlined and marked "Indemnified Area" on figure 1 dated October 15, 1970 attached, of the Quad-Cities Station Unit 1, located in Rock Island County, Illinois.

Effective Date of this Endorsement October 1, 1970 To form a part of Policy No. NF-187
12:01 A.M. Standard Time
Issued to Commonwealth Edison Company
Date of Issue October 7, 1970 For the Subscribing Companies

By Francis X. Baylan
General Manager

COPY

Endorsement No. 1

Countersigned by _____

NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION
85 John Street, New York, New York 10038

Nuclear Energy Liability Policy No. NF-187
(Facility Form)

DECLARATIONS

Item 1. Named Insured Commonwealth Edison Company

Address One National Plaza, P.O. Box 767, Chicago, Illinois 60690
(No. Street Town or City State)

Item 2. Policy Period: Beginning at 12:01 A.M. on the 1st day of October, 1970, and continuing through the effective date of the cancelation or termination of this policy, standard time at the address of the named insured as stated herein.

Item 3. Description of the Facility:

Location (See Endorsement No. 1)

Type Power Reactor

The Operator of the facility is Commonwealth Edison Company

Item 4. The limit of the companies' liability is \$ 1,000,000 subject to all the terms of this policy having reference thereto.

Item 5. Advance Premium \$ 100.00

Item 6. These declarations and the schedules forming a part hereof give a complete description of the facility, insofar as it relates to the nuclear energy hazard, except as noted no exception

COPY

Date of Issue October 7, 1970. Countersigned by _____
Authorized Representative

This is to certify that this is a true copy of the Declarations Page and Endorsements numbered 1-7 made a part of the original Nuclear Energy Liability Policy (Facility Form) No. NF-187. No insurance is afforded hereunder.

NUCLEAR ENERGY LIABILITY POLICY

Extra

(FACILITY FORM)

The undersigned members of Nuclear Energy Liability Insurance Association, hereinafter called the "companies," each for itself, severally and not jointly, and in the respective proportions hereinafter set forth, agree with the insured, named in the declarations made a part hereof, in consideration of the premium and in reliance upon the statements in the declarations and subject to the limit of liability, exclusions, conditions and other terms of this policy:

INSURING AGREEMENTS

I COVERAGE A — BODILY INJURY AND PROPERTY DAMAGE LIABILITY To pay on behalf of the insured:

- (1) all sums which the insured shall become legally obligated to pay as damages because of bodily injury or property damage caused by the nuclear energy hazard, and the companies shall defend any suit against the insured alleging such bodily injury or property damage and seeking damages which are payable under the terms of this policy; but the companies may make such investigation, negotiation and settlement of any claim or suit as they deem expedient;
- (2) costs taxed against the insured in any such suit and interest on any judgment therein;
- (3) premiums on appeal bonds and on bonds to release attachments in any such suit, but without obligation to apply for or furnish such bonds;
- (4) reasonable expenses, other than loss of earnings, incurred by the insured at the companies' request.

COVERAGE B — DAMAGE TO PROPERTY OF AN INSURED AWAY FROM THE FACILITY

With respect to property damage caused by the nuclear energy hazard to property of an insured which is away from the facility, to pay to such insured those sums which such insured would have been legally obligated to pay as damages therefor, had such property belonged to another.

COVERAGE C — SUBROGATION — OFFSITE EMPLOYEES

With respect to bodily injury sustained by any employee of an insured and caused by the nuclear energy hazard, to pay to the workmen's compensation carrier of such insured all sums which such carrier would have been entitled to recover and retain as damages from another person or organization, had such person or organization alone been legally responsible for such bodily injury, by reason of the rights acquired by subrogation by the payment of the benefits required of such carrier under the applicable workmen's compensation or occupational disease law. An employer who is a duly qualified self-insurer under such law shall be deemed to be a workmen's compensation carrier within the meaning of this coverage. This Coverage C does not apply to bodily injury sustained by any person who is employed at and in connection with the facility.

This Coverage C shall not constitute workmen's compensation insurance as required under the laws of any state.

II DEFINITION OF INSURED The unqualified word "insured" includes (a) the named insured and (b) any other person or organization with respect to his legal responsibility for damages because of bodily injury or property damage caused by the nuclear energy hazard.

Subdivision (b) above does not include as an insured the United States of America or any of its agencies.

Subject to Condition 3 and the other provisions of this policy, the insurance applies separately to each insured against whom claim is made or suit is brought.

III DEFINITIONS Wherever used in this policy:

"*bodily injury*" means bodily injury, sickness or disease, including death resulting therefrom, sustained by any person;

"*property damage*" means physical injury to or destruction or radioactive contamination of property, and loss of use of property so injured, destroyed or contaminated, and loss of use of property while evacuated or withdrawn from use because possibly so contaminated or because of imminent danger of such contamination;

"*nuclear material*" means source material, special nuclear material or

byproduct material;

"*source material*," "*special nuclear material*," and "*byproduct material*" have the meanings given them in the Atomic Energy Act of 1954, or in any law amendatory thereof;

"*spent fuel*" means any fuel element or fuel component, solid or liquid, which has been used or exposed to radiation in any nuclear reactor;

"*waste*" means any waste material (1) containing byproduct material and (2) resulting from the operation by any person or organization of any nuclear facility included within the definition of nuclear facility under paragraph (1) or (2) thereof;

"*the facility*" means the facility described in the declarations and includes the location designated in Item 3 of the declarations and all property and operations at such location;

"*nuclear facility*" means "the facility" as defined in any Nuclear Energy Liability Policy (Facility Form) issued by the companies or by Mutual Atomic Energy Liability Underwriters. The term "nuclear facility" also means

- (1) any nuclear reactor,
 - (2) any equipment or device designed or used for (a) separating the isotopes of uranium or plutonium, (b) processing or utilizing spent fuel, or (c) handling, processing or packaging waste,
 - (3) any equipment or device used for the processing, fabricating or alloying of special nuclear material if at any time the total amount of such material in the custody of the insured at the premises where such equipment or device is located consists of or contains more than 25 grams of plutonium or uranium 233 or any combination thereof, or more than 250 grams of uranium 235,
 - (4) any structure, basin, excavation, premises or place prepared or used for the storage or disposal of waste,
- and includes the site on which any of the foregoing is located, all operations conducted on such site and all premises used for such operations;

"*indemnified nuclear facility*" means

- (1) "the facility" as defined in any Nuclear Energy Liability Policy (Facility Form) issued by the companies or by Mutual Atomic Energy Liability Underwriters, or
 - (2) any other nuclear facility,
- if financial protection is required pursuant to the Atomic Energy Act of 1954, or any law amendatory thereof, with respect to any activities or operations conducted thereat;

"*nuclear reactor*" means any apparatus designed or used to sustain nuclear fission in a self-supporting chain reaction or to contain a critical mass of fissionable material;

"*nuclear energy hazard*" means the radioactive, toxic, explosive or other hazardous properties of nuclear material, but only if

- (1) the nuclear material is at the facility or has been discharged or dispersed therefrom without intent to relinquish possession or custody thereof to any person or organization, or
- (2) the nuclear material is in an insured shipment which is (a) in the course of transportation, including handling and temporary storage incidental thereto, within the territorial limits of the United States of America, its territories or possessions, Puerto Rico or the Canal Zone and (b) away from any other nuclear facility;

"*insured shipment*" means a shipment of source material, special nuclear material, spent fuel or waste, herein called "material," (1) to the facility from a nuclear facility owned by the United States of America, but only if the transportation of the material is not by predetermination to be interrupted by the removal of the material from a transporting conveyance for any purpose other than the continuation of its transportation, or (2) from the facility to any other location except an indemnified nuclear facility, but only until the material is removed from a transporting conveyance for any purpose other than the continuation of its transportation.

IV APPLICATION OF POLICY This policy applies only to bodily injury or property damage (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 two years after the end of the policy period.

EXCLUSIONS

This policy does not apply:

- (a) to any obligation for which the insured or any carrier as his insurer may be held liable under any workmen's compensation, unemployment compensation or disability benefits law, or under any similar law;
- (b) except with respect to liability of another assumed by the insured under contract, to bodily injury to any employee of the insured arising out of and in the course of his employment by the insured; but this exclusion does not apply to bodily injury to any person who is not employed at and in connection with the facility if the insured has complied with the requirements of the applicable workmen's compensation or occupational disease law respecting the securing of compensation benefits thereunder to his employees;
- (c) to liability assumed by the insured under contract, other than an assumption in a contract with another of the liability of any person or organization which would be imposed by law on such person or organization in the absence of an express assumption of liability;
- (d) to bodily injury or property damage due to the manufacturing, handling or use at the location designated in Item 3 of the declara-

tions, in time of peace or war, of any nuclear weapon or other instrument of war utilizing special nuclear material or byproduct material;

- (e) to bodily injury or property damage due to war, whether or not declared, civil war, insurrection, rebellion or revolution, or to any act or condition incident to any of the foregoing;
- (f) to property damage to any property at the location designated in Item 3 of the declarations, other than aircraft, watercraft or vehicles licensed for highway use, provided such aircraft, watercraft or vehicles are not used in connection with the operation of the facility;
- (g) to property damage to nuclear material in the course of transportation to or from the facility including handling or storage incidental thereto;
- (h) under Coverage B, to property damage due to neglect of the insured to use all reasonable means to save and preserve the property after knowledge of the occurrence resulting in such property damage.

CONDITIONS

1 PREMIUM The named insured shall pay the companies the advance premium stated in the declarations, for the period from the effective date of this policy through December 31 following. Thereafter, at the beginning of each calendar year while this policy is in force, the named insured shall pay the advance premium for such year to the companies. The advance premium for each calendar year shall be stated in a written notice given by the companies to the named insured as soon as practicable prior to or after the beginning of such year.

Such advance premiums are estimated premiums only. As soon as practicable after each December 31 and after the termination of this policy, the earned premium for the preceding premium period shall be computed in accordance with the companies' rules, rates, rating plans, premiums and minimum premiums applicable to this insurance. If the earned premium thus computed for any premium period exceeds the advance premium previously paid for such period, the named insured shall pay the excess to the companies; if less, the companies shall return to the named insured the unearned portion paid by such insured.

The named insured shall maintain records of the information necessary for premium computation and shall send copies of such records to the companies as directed, at the end of each calendar year, at the end of the policy period and at such other times during the policy period as the companies may direct.

2 INSPECTION; SUSPENSION The companies shall be permitted to inspect the facility and to examine the insured's books and records at any time, as far as they relate to the subject matter of this insurance.

If a representative of the companies discovers a condition which he believes to be unduly dangerous with respect to the nuclear energy hazard, a representative of the companies may request that such condition be corrected without delay. In the event of non-compliance with such request, a representative of the companies may, by notice to the named insured, to any other person or organization considered by the companies to be responsible for the continuance of such dangerous condition, and to the United States Atomic Energy Commission, suspend the insurance with respect to the named insured and such other person or organization effective 12:00 midnight of the next business day of such Commission following the date that such Commission receives such notice. The period of such suspension shall terminate as of the time stated in a written notice from the companies to the named insured and to each such person or organization that such condition has been corrected.

3 LIMIT OF LIABILITY; TERMINATION OF POLICY UPON EXHAUSTION OF LIMIT Regardless of the number of persons and organizations who are insureds under this policy, and regardless of the number of claims made and suits brought against any or all insureds because of one or more occurrences resulting in bodily injury or prop-

erty damage caused during the policy period by the nuclear energy hazard, the limit of the companies' liability stated in the declarations is the total liability of the companies for their obligations under this policy and the expenses incurred by the companies in connection with such obligations, including

- (a) payments in settlement of claims and in satisfaction of judgments against the insureds for damages because of bodily injury or property damage, payments made under parts (2), (3) and (4) of Coverages A and payments made in settlement of claims under Coverages B and C;
- (b) payments for expenses incurred in the investigation, negotiation, settlement and defense of any claim or suit, including, but not limited to, the cost of such services by salaried employees of the companies, fees and expenses of independent adjusters, attorneys' fees and disbursements, expenses for expert testimony, inspection and appraisal of property, examination, X-ray or autopsy or medical expenses of any kind;
- (c) payments for expenses incurred by the companies in investigating an occurrence resulting in bodily injury or property damage or in minimizing its effects.

Each payment made by the companies in discharge of their obligations under this policy or for expenses incurred in connection with such obligations shall reduce by the amount of such payment the limit of the companies' liability under this policy.

If, during the policy period or subsequent thereto, the total of such payments made by the companies shall exhaust the limit of the companies' liability under this policy, all liability and obligations of the companies under this policy shall thereupon terminate and shall be conclusively presumed to have been discharged. This policy, if not theretofore canceled, shall thereupon automatically terminate.

Regardless of the number of years this policy shall continue in force and the number of premiums which shall be payable or paid, the limit of the companies' liability stated in the declarations shall not be cumulative from year to year.

LIMITATION OF LIABILITY; COMMON OCCURRENCE Any occurrence or series of occurrences resulting in bodily injury or property damage arising out of the radioactive, toxic, explosive or other hazardous properties of

- (a) nuclear material discharged or dispersed from the facility over a period of days, weeks, months or longer and also arising out of such properties of other nuclear material so discharged or dispersed from one or more other nuclear facilities insured by the companies under a Nuclear Energy Liability Policy (Facility Form), or
- (b) source material, special nuclear material, spent fuel or waste in the

course of transportation for which insurance is afforded under this policy and also arising out of such properties of other source material, special nuclear material, spent fuel or waste in the course of transportation for which insurance is afforded under one or more other Nuclear Energy Liability Policies (Facility Form) issued by the companies,

shall be deemed to be a common occurrence resulting in bodily injury or property damage caused by the nuclear energy hazard.

With respect to such bodily injury and property damage (1) the total aggregate liability of the companies under all Nuclear Energy Liability Policies (Facility Form), including this policy, applicable to such common occurrence shall be the sum of the limits of liability of all such policies, the limit of liability of each such policy being as determined by Condition 3 thereof, but in no event shall such total aggregate liability of the companies exceed \$46,500,000; (2) the total liability of the companies under this policy shall not exceed that proportion of the total aggregate liability of the companies, as stated in clause (1) above, which (a) the limit of liability of this policy, as determined by Condition 3, bears to (b) the sum of the limits of liability of all such policies issued by the companies, the limit of liability of each such policy being as determined by Condition 3, thereof.

The provisions of this condition shall not operate to increase the limit of the companies' liability under this policy.

5 NOTICE OF OCCURRENCE, CLAIM OR SUIT In the event of bodily injury or property damage to which this policy applies or of an occurrence which may give rise to claims therefor, written notice containing particulars sufficient to identify the insured and also reasonably obtainable information with respect to the time, place and circumstances thereof, and the names and addresses of the injured and of available witnesses, shall be given by or for the insured to Nuclear Energy Liability Insurance Association or the companies as soon as practicable. If claim is made or suit is brought against the insured, he shall immediately forward to Nuclear Energy Liability Insurance Association or the companies every demand, notice, summons or other process received by him or his representative.

6 ASSISTANCE AND COOPERATION OF THE INSURED The insured shall cooperate with the companies and, upon the companies' request, attend hearings and trials and assist in making settlements, securing and giving evidence, obtaining the attendance of witnesses and in the conduct of any legal proceedings in connection with the subject matter of this insurance. The insured shall not, except at his own cost, make any payment, assume any obligation or incur any expense.

7 ACTION AGAINST COMPANIES — Coverages A and C No action shall lie against the companies or any of them unless, as a condition precedent thereto, the insured shall have fully complied with all the terms of this policy, nor until the amount of the insured's obligation to pay shall have been finally determined either by judgment against the insured after actual trial or by written agreement of the insured, the claimant and the companies.

Any person or organization or the legal representative thereof who has secured such judgment or written agreement shall thereafter be entitled to recover under this policy to the extent of the insurance afforded by this policy. No person or organization shall have any right under this policy to join the companies or any of them as parties to any action against the insured to determine the insured's liability, nor shall the companies or any of them be impleaded by the insured or his legal representative. Bankruptcy or insolvency of the insured or of the insured's estate shall not relieve the companies of any of their obligations hereunder.

8 ACTION AGAINST COMPANIES — Coverage B No suit or action on this policy for the recovery of any claim for property damage to which Coverage B applies shall be sustainable in any court of law or equity unless all the requirements of this policy shall have been complied with and unless commenced within two years after the occurrence resulting in such property damage.

9 INSURED'S DUTIES WHEN LOSS OCCURS — Coverage B In the event of property damage to which Coverage B applies, the insured shall furnish a complete inventory of the property damage claimed, showing in detail the amount thereof. Within ninety-one days after the occurrence resulting in such property damage, unless such time is extended in writing by the companies, the insured shall render to the companies a proof of loss, signed and sworn to by the insured, stating the knowledge and belief of the insured as to the following: identification of such occurrence; the interest of the insured in the property destroyed or damaged, and the amount of each item of property damage claimed; all encumbrances on such property; and all other contracts of insurance, whether valid or not, covering any of such

property. The insured shall include in the proof of loss a copy of all descriptions and schedules in all policies. Upon the companies' request, the insured shall furnish verified plans and specifications of any such property. The insured, as often as may be reasonably required, shall exhibit to any person designated by the companies any of such property, and submit to examinations under oath by any person named by the companies and subscribe the same; and, as often as may be reasonably required, shall produce for examination all books of account, records, bills, invoices and other vouchers, or certified copies thereof if originals be lost, at such reasonable time and place as may be designated by the companies or their representatives, and shall permit extracts and copies thereof to be made.

APPRAISAL — Coverage B In case the insured and the companies shall fail to agree as to the amount of property damage, then, on the written demand of either, each shall select a competent and disinterested appraiser and notify the other of the appraiser selected within twenty days of such demand. The appraisers shall first select a competent and disinterested umpire and, failing for fifteen days to agree upon such umpire, then, on request of the insured or the companies, such umpire shall be selected by a judge of a court of record in the state in which the property is located. The appraisers shall then appraise each item of property damage and, failing to agree, shall submit their differences only to the umpire. An award in writing, so itemized, of any two when filed with the companies shall determine the amount of property damage. Each appraiser shall be paid by the party selecting him and the expenses of the appraisal and umpire shall be paid by the parties equally. The companies shall not be held to have waived any of their rights by any act relating to appraisal.

SUBROGATION In the event of any payment under this policy, the companies shall be subrogated to all the insured's rights of recovery therefor against any person or organization, and the insured shall execute and deliver instruments and papers and do whatever else is necessary to secure such rights. Prior to knowledge of bodily injury or property damage caused by the nuclear energy hazard the insured may waive in writing any right of recovery against any person or organization, but after such knowledge the insured shall not waive or otherwise prejudice any such right of recovery.

The companies hereby waive any rights of subrogation acquired against the United States of America or any of its agencies by reason of any payment under this policy.

The companies do not relinquish, by the foregoing provisions, any right to restitution from the insured out of any recoveries made by the insured on account of a loss covered by this policy of any amounts to which the companies would be entitled had such provisions, or any of them, not been included in this policy.

OTHER INSURANCE If the insurance afforded by this policy for loss or expense is concurrent with insurance afforded for such loss or expense by a Nuclear Energy Liability Policy (Facility Form) issued to the named insured by Mutual Atomic Energy Liability Underwriters, hereinafter called "concurrent insurance," the companies shall not be liable under this policy for a greater proportion of such loss or expense than the limit of liability stated in the declarations of this policy bears to the sum of such limit and the limit of liability stated in the declarations of such concurrent policy.

If the insured has other valid and collectible insurance (other than such concurrent insurance or any other nuclear energy liability insurance issued by the companies or Mutual Atomic Energy Liability Underwriters to any person or organization) applicable to loss or expense covered by this policy, the insurance afforded by this policy shall be excess insurance over such other insurance; provided, with respect to any person who is not employed at and in connection with the facility, such insurance as is afforded by this policy for bodily injury to an employee of the insured arising out of and in the course of his employment shall be primary insurance under such other insurance.

CHANGES Notice to any agent or knowledge possessed by any agent or by any other person shall not effect a waiver or a change in any part of this policy or estop the companies from asserting any right under the terms of this policy; nor shall the terms of this policy be waived or changed, except by endorsement issued to form a part of this policy executed by Nuclear Energy Liability Insurance Association on behalf of the companies.

ASSIGNMENT Assignment of interest by the named insured shall not bind the companies until their consent is endorsed hereon; if, however, the named insured shall die or be declared bankrupt or insolvent, this policy shall cover such insured's legal representative, receiver or trustee as an insured under this policy, but only with respect to his liability as such, and then only provided written notice of his appointment as legal

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representative, receiver or trustee is given to the companies within ten days after such appointment.

15 CANCELCATION This policy may be canceled by the named insured by mailing to the companies and the United States Atomic Energy Commission written notice stating when, not less than thirty days thereafter, such cancellation shall be effective. This policy may be canceled by the companies by mailing to the named insured at the address shown in this policy and to the United States Atomic Energy Commission written notice stating when, not less than ninety days thereafter, such cancellation shall be effective; provided in the event of non-payment of premium or if the operator of the facility, as designated in the declarations, is replaced by another person or organization, this policy may be canceled by the companies by mailing to the named insured at the address shown in this policy and to the United States Atomic Energy Commission written notice stating when, not less than thirty days thereafter, such cancellation shall be effective. The mailing of notice as aforesaid shall be sufficient proof of notice. The effective date and hour of cancellation stated in the notice shall become the end of the policy period. Delivery of such written notice either by the named insured or by the companies shall be equivalent to mailing.

Upon termination or cancellation of this policy, other than as of the end of December 31 in any year, the earned premium for the period this policy has been in force since the preceding December 31 shall be computed in accordance with the following provisions:

- (a) if this policy is terminated, pursuant to Condition 3, by reason of the exhaustion of the limit of the companies' liability, all premium theretofore paid or payable shall be fully earned;
- (b) if the named insured cancels, the earned premium for such period shall be computed in accordance with the customary annual short rate table and procedure, provided if the named insured cancels after knowledge of bodily injury or property damage caused by the nuclear energy hazard, all premiums theretofore paid or payable shall be fully earned;
- (c) if the companies cancel, the earned premium for such period shall be computed pro rata.

Premium adjustment, if any, may be made either at the time cancellation is effected or as soon as practicable after cancellation becomes effective, but payment or tender of unearned premium is not a condition of cancellation.

16 COMPANY REPRESENTATION

- (a) Any notice, sworn statement or proof of loss which may be required by the provisions of this policy may be given to any one of the companies, and such notice, statement or proof of loss so given shall be valid and binding as to all companies.

IN WITNESS WHEREOF, each of the subscribing companies has caused this policy to be executed and attested on its behalf by the General Manager of Nuclear Energy Liability Insurance Association and duly countersigned on the declarations page by an authorized representative.

- (b) In any action or suit against the companies, service of process may be made on any one of them, and such service shall be deemed valid and binding service on all companies.
- (c) Nuclear Energy Liability Insurance Association is the agent of the companies with respect to all matters pertaining to this insurance. All notices or other communications required by this policy to be given to the companies may be given to such agent, at its office at 60 John Street, New York 38, New York with the same force and effect as if given directly to the companies. Any requests, demands or agreements made by such agent shall be deemed to have been made directly by the companies.

AUTHORIZATION OF NAMED INSURED Except with respect to compliance with the obligations imposed on the insured by Conditions 5, 6, 7, 8, 9, 10 and 11 of this policy, the named insured is authorized to act for every other insured in all matters pertaining to this insurance. **17**

CHANGES IN SUBSCRIBING COMPANIES AND IN THEIR PROPORTIONATE LIABILITY By acceptance of this policy the named insured agrees that the members of Nuclear Energy Liability Insurance Association liable under this policy, and the proportionate liability of each such member, may change from year to year, and further agrees that regardless of such changes: **18**

- (1) each company subscribing this policy upon its issuance shall be liable only for its stated proportion of any obligation assumed or expense incurred under this policy because of bodily injury or property damage caused, during the period from the effective date of this policy to the close of December 31 next following, by the nuclear energy hazard; for each subsequent calendar year, beginning January 1 next following the effective date of this policy, the subscribing companies and the proportionate liability of each such company shall be stated in an endorsement issued to form a part of this policy, duly executed and attested by the General Manager of Nuclear Energy Liability Insurance Association on behalf of each such company, and mailed or delivered to the named insured;
- (2) this policy shall remain continuously in effect from the effective date stated in the declarations until terminated in accordance with Condition 3 or Condition 15;
- (3) neither the liability of any company nor the limit of liability stated in the declarations shall be cumulative from year to year.

DECLARATIONS By acceptance of this policy the named insured agrees that the statements in the declarations are the agreements and representations of the named insured, that this policy is issued in reliance upon the truth of such representations and that this policy embodies all agreements between the named insured and the companies or any of their agents relating to this insurance. **19**

For the subscribing companies

By _____
General Manager

SPECIMEN

COPY

*File: Commonwealth
Commonwealth
Commonwealth*

Form AEC-401
9/68

UNITED STATES
ATOMIC ENERGY COMMISSION

SPECIAL NUCLEAR MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 70, "Special Nuclear Material", a license is hereby issued authorizing the licensee to receive and possess the special nuclear material designated below; to use such special nuclear material for the purpose(s) and at the place(s) designated below; and to transfer such material to persons authorized to receive it in accordance with the regulations in said Part. This license shall be deemed to contain the conditions specified in Section 70.32(a) of said regulations, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		3. License No. SNM-1243
1. Name Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company	2. Address P. O. Box 767 Chicago, Illinois 60690	4. Expiration Date March 31, 1972,* or
6. Special Nuclear Material Uranium enriched in the U-235 isotope		5. Docket No. 70-1280
8. Authorized use For receipt, possession, inspection, cleaning, channeling, storage, and packaging for return to vendor in accordance with the statements, representations, and conditions specified in the licensee's application dated February 22, 1971.		7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license 3000 kilograms U-235 as reactor fuel assemblies and incore neutron monitoring devices.

CONDITIONS

9. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.

* 4. (Cont'd) upon conversion of Construction Permit CPPR-24 to an operating licensee, whichever is earlier.

9. Authorized place of use: The Quad-Cities Nuclear Power Station, Rock Island County, Illinois, as described in the application dated February 22, 1971.

COPY

Commonwealth Edison
(Quadrant) Trans. Inc.

Form AEC-401
9/68

UNITED STATES
ATOMIC ENERGY COMMISSION

SPECIAL NUCLEAR MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 70, "Special Nuclear Material", a license is hereby issued authorizing the licensee to receive and possess the special nuclear material designated below; to use such special nuclear material for the purpose(s) and at the place(s) designated below; and to transfer such material to persons authorized to receive it in accordance with the regulations in said Part. This license shall be deemed to contain the conditions specified in Section 70.32(a) of said regulations; and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		3. License No.
1. Name	Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company	SNM-1213
2. Address	P.O. Box 767, Chicago, Illinois 60690 and 206 East Second Street, Davenport, Iowa, respectively	4. Expiration Date October 31, 1971, or*
6. Special Nuclear Material		5. Docket No. 70-1265
Uranium enriched in the U-235 isotope		7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license 2978 kilograms U-235 as reactor fuel assemblies
8. Authorized use		
For receipt, possession, inspection, cleaning, channelling and storage only in accordance with the statements, representations, and conditions specified in the licensee's application dated September 25, 1970.		

CONDITIONS

~~9. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2.~~
~~XXXXX~~

*4. (cont'd) upon conversion of Construction Permit GPPR-23 to
an operating license, whichever is earlier.

9. Authorized place of use: The Quad-Cities Nuclear Power
Station, Rock Island County, Illinois as described in the
application dated September 25, 1970.

COPY

MATERIAL LICENSE

License Number SNM-1213

Supplementary Sheet

- 10. The licensee is hereby exempted from the requirements of Section 70.24, 10 CFR 70, insofar as this Section applies to the material held under this license.
- 11. As a further condition, fuel shall be stored in such a manner that should flooding occur and the water then drain from between assemblies, there is no possibility of retention of water in or around the assemblies.

OCT 30 1970

Date _____

COPY

For the U. S. Atomic Energy Commission

Original Signed by
Donald A. Nussbaumer

by Donald A. Nussbaumer

Division of Materials Licensing
Washington, D. C. 20545