

MAR 20 1972

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Docket No. 50-254

Commonwealth Edison Company
ATTN: Mr. Byron Lee, Jr.
Assistant to the President
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

In response to your application dated January 27, 1972, enclosed is Amendment No. 1 to Facility Operating License No. DPR-29. The amendment properly licenses Commonwealth Edison Company, acting for itself and as agent for Iowa-Illinois Gas & Electric Company, for the fourteen sealed sources (each containing 1530 curies of antimony 124) that are in the reactor and previously were evaluated and authorized for use in connection with operation of Quad-Cities Nuclear Power Station Unit 1. The amendment also permits the receipt of fourteen additional antimony 124 sources for use in replacing the fourteen sources in the reactor which are now partially depleted.

A copy of a related notice that has been filed with the Office of the Federal Register for publication also is enclosed.

Sincerely,

Robert J. Schemel; Acting
Assistant Director for
Reactor Operations
Division of Reactor Licensing

Enclosures:

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

cc w/enclosures:

See attached page	DRL	DRL	OGC	DRL	DRL
OFFICE	DRL	DRL	OGC	DRL	DRL
SURNAME	RMDiggs:dc	RMDiggs:dc	DLZiemann	DJSkovholt	PAMBris
DATE	3/17/72	3/16/72	3/17/72	3/17/72	3/17/72

It's already w/ water

MAR 20 1972

cc w/enclosures:

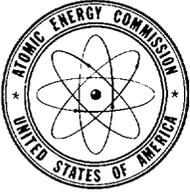
John W. Rowe, Esquire
Isham, Lincoln, & Beale
Counselors at Law

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company

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- D. J. Skovholt, DRL .
- ~~P. A. Morris, DRL,~~ *M. Groff*
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- J. ~~Reisland~~, DRL .
- R. M. Diggs, DRL .
- ACRS (16)
- M. Karman, OGC .
- M. Rowden, OGC .
- J. Saltzman, *SLR* .
- NHGoodrich, ASLB .
- AAWells, ASLAB .

OFFICE ▶						
SURNAME ▶						
DATE ▶						



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

March 20, 1972

Docket No. 50-254

Commonwealth Edison Company
ATTN: Mr. Byron Lee, Jr.
Assistant to the President
P. O. Box 767
Chicago, Illinois 60690

Gentlemen:

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A copy of a related notice that has been filed with the Office of the Federal Register for publication also is enclosed.

Sincerely,

A handwritten signature in cursive script that reads "Robert J. Schemel".

Robert J. Schemel, Acting
Assistant Director for
Reactor Operations
Division of Reactor Licensing

Enclosures:

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

cc w/enclosures:
See attached page

Commonwealth Edison Company - 2 -

March 20, 1972

cc w/enclosures:

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

COMMONWEALTH EDISON COMPANY

AND

IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

DOCKET NO. 50-254

FACILITY OPERATING LICENSE AMENDMENT

(QUAD-CITIES NUCLEAR POWER STATION UNIT 1)

License No. DPR-29
Amendment No. 1

The Atomic Energy Commission (the Commission) has found that:

- A. The application for amendment dated January 27, 1972, complies with the provisions of the Atomic Energy Act of 1954, as amended (the Act), and the rules and regulations of the Commission;
- B. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public nor result in any significant adverse impact on the quality of the environment; and
- C. Prior public notice of proposed issuance of this amendment is not required since the amendment does not involve significant hazards considerations different from those previously evaluated.

Accordingly, Facility Operating License No. DPR-29 issued to the Commonwealth Edison Company, acting for itself and as agent for Iowa-Illinois Gas and Electric Company, for operation of the Quad-Cities Nuclear Power Station Unit 1, is hereby amended by changing paragraph 2C thereof in its entirety to read:

- "C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material", to receive, possess, and use in connection with operation of the facility any byproduct material with Atomic Numbers between 3 and 83, inclusive, as external contamination on fuel bundles, in any form not to exceed 500 millicuries per fuel

bundle; three sealed sources of five curies each of cesium 137; three sealed sources of five microcuries each of cesium 137; ten sealed sources of strontium 90, each source not to exceed 0.3 millicurie; 1 millicurie each of cobalt 60 and cesium 137 in any form; six curies of americium 241 as a sealed source; twenty-eight sealed sources of 1530 curies each of antimony 124; twenty-five sealed sources of strontium 90, with no source to exceed 1.2 microcuries; and two sealed sources of 350 microcuries each of cobalt 60."

This amendment is effective as of the date of issuance.

FOR THE ATOMIC ENERGY COMMISSION



Peter A. Morris, Director
Division of Reactor Licensing

Date of Issuance: March 20, 1972

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-254

COMMONWEALTH EDISON COMPANY

AND

IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

NOTICE OF ISSUANCE OF FACILITY OPERATING LICENSE AMENDMENT

The Atomic Energy Commission (the Commission) has issued, effective as of the date of issuance, Amendment No. 1 to Facility Operating License No. DPR-29 dated October 1, 1971. The license presently authorizes the Commonwealth Edison Company (acting for itself and as agent for Iowa-Illinois Gas and Electric Company) to load fuel in the reactor for Quad-Cities Unit No. 1, located in Rock Island County, Illinois, to operate that Unit for testing purposes up to 25 MWt (1% of rated power), and to receive, possess and use in connection with that authorized operation of Unit 1 seven sealed sources each containing 1530 curies of antimony 124. The subject amendment revises the license (paragraph 2C) to authorize the receipt, possession and use of twenty-eight sealed sources each containing 1530 curies of antimony 124 in connection with the authorized operation of the facility.

The Commission has found that the application for the amendment dated January 27, 1972, complies with the provisions of the Atomic Energy Act of 1954, as amended, and the Commission's regulations

published in 10 CFR Chapter I, and has concluded that the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public. The issuance of the amendment will not result in any significant adverse impact on the quality of the environment nor change safety considerations previously evaluated since the actual total source strength of the sealed antimony sources (fourteen sources of 1530 curies each) has not changed from that originally evaluated and approved for installation in the reactor. The original seven source holders each contained two pieces of antimony 124 with each piece having a strength of 1530 curies. This material was inadvertently licensed as seven sealed sources rather than fourteen. Consequently, the amendment is to appropriately license the fourteen sources now in the reactor and to permit the licensee to receive fourteen additional sources needed for replacement of the original fourteen which are now partially depleted.

The Commission also has found that prior public notice of proposed issuance of this license amendment is not required since the operation of the facility in accordance with the terms of the license, as amended, does not involve significant hazards considerations different from those previously evaluated.

Within fifteen days from the date of publication of this notice in the FEDERAL REGISTER, Commonwealth Edison Company or Iowa-Illinois Gas and Electric Company may file a request for a hearing and any person whose interest may be affected by this proceeding may file a petition

for leave to intervene. Requests for a hearing and petitions to intervene shall be filed in accordance with the Commission's "Rules of Practice" in 10 CFR Part 2. If a request for a hearing or a petition for leave to intervene is filed within the time prescribed in this notice, the Commission will issue a notice of hearing or an appropriate order.

For further details with respect to this amendment, see (1) the licensee's application for license amendment dated January 27, 1972, and (2) the amendment, which are available for public inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. Copies of item 2 above may be obtained upon request sent to the U. S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this 20th day of March, 1972.

FOR THE ATOMIC ENERGY COMMISSION



Robert J. Schemel, Acting
Assistant Director for
Reactor Operations
Division of Reactor Licensing