

3/22/78

Dockets Nos. 50-254  
and 50-265

Commonwealth Edison Company  
ATTN: Mr. Cordell Reed  
Assistant Vice President  
Post Office Box 767  
Chicago, Illinois 60690

Gentlemen:

In response to your application dated August 3, 1977, as supplemented by letter dated December 16, 1977, and our letter dated November 28, 1977, we have issued the enclosed Amendment No. 45 to Facility Operating License No. DPR-29 and Amendment No. 44 to Facility Operating License No. DPR-30. The amendments incorporate changes to the Technical Specifications for the Quad Cities Units Nos. 1 and 2 to provide limiting conditions for operation and surveillance requirements for existing fire protection equipment and administrative controls for fire protection.

These changes to the Quad Cities Units Nos. 1 and 2 Technical Specifications are supported by the Safety Evaluation issued with our letter of November 28, 1977, except for those changes which were proposed in your letter dated December 16, 1977, and other minor changes. All substantive changes to our proposed Technical Specifications of November 28, 1977, are discussed herein:

1. Specification 4.12.A.2 has been deleted because Quad Cities Station does not have any NFPA Code 72D Class A supervised circuits.
2. Specification 4.12.B.4.c has been modified to require an annual flushing of the system rather than a semi-annual flush. Based upon the quality of water used by the Quad Cities system and the successful operation of the Quad Cities service water system using the same source of water, we conclude that an annual flush of this system is acceptable.
3. Specification 4.12.B.4.e.(4) has been deleted because it repeats the requirement contained in Specification 4.12.B.4.e.(2). This deletion does not reduce the level of surveillance and is acceptable.

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4. Specifications 3.12.C.2 and 3.12.D have been modified to require a continuous fire watch only in the Unit No. 2 cable tunnel. The equipment located in the diesel generator areas, the diesel generator oil day tank rooms, the HPCI rooms and the Unit No. 1 cable tunnel, have redundant back up equipment separate from these areas and we have therefore determined that an inspection twice per shift is acceptable in the event of an inoperable sprinkler system or CO<sub>2</sub> system in these areas.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

George Lear, Chief  
 Operating Reactors Branch #3  
 Division of Operating Reactors

Enclosures:

1. Amendment No. <sup>45</sup> to License DPR-29
2. Amendment No. <sup>44</sup> to License DPR-30  
*See Rpts*

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DATE →	3/13/78	3/13/78	3/16/78	3/ /78	3/13/78

Specifications 3.12.C.2 and 3.12.D have been modified to require a continuous fire watch only in the Unit No. 2 cable tunnel. The equipment located in the diesel generator areas, the diesel generator oil day tank rooms, the HPCI rooms and the Unit No. 1 cable tunnel, have redundant back up equipment separate from these areas and we have therefore determined that an inspection twice per shift is acceptable in the event of an inoperable sprinkler system or CO2 system in these areas.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

George Lear, Chief  
 Operating Reactors Branch #3  
 Division of Operating Reactors

Enclosures:

1. Amendment No. to License DPR-29
2. Amendment No. to License DPR-30
3. Notice

cc w/enclosure:  
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DATE →	3/13/78	3/13/78	3/16/78	3/22/78	3/13/78

cc w/enclosures:

Mr. D. R. Stichnoth  
President  
Iowa-Illinois Gas and  
Electric Company  
206 East Second Avenue  
Davenport, Iowa 52801

U. S. Environmental Protection Agency  
Federal Activities Branch  
Region V Office  
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230 South Dearborn Street  
Chicago, Illinois 60604

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Isham, Lincoln & Beale  
Counselors at Law  
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Chicago, Illinois 60603

Mr. Nick Kalivianakas  
Plant Superintendent  
Quad-Cities Nuclear Power Station  
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Natural Resources Defense Council  
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Washington, D. C. 20005

Moline Public Library  
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Illinois Department of Public Health  
ATTN: Chief, Division of Nuclear  
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Springfield, Illinois 62761

Mr. Marcel DeJaegher, Chairman  
Rock Island County Board  
of Supervisors  
Rock Island County Court House  
Rock Island, Illinois 61201

Chief, Energy Systems Analyses  
Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, S. W.  
Washington, D. C. 20460



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

COMMONWEALTH EDISON COMPANY  
AND  
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

DOCKET NO. 50-254

QUAD CITIES NUCLEAR POWER STATION UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 45  
License No. DPR-29

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Commonwealth Edison Company (the licensee) dated August 3, 1977 as amended by filing dated December 16, 1977, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

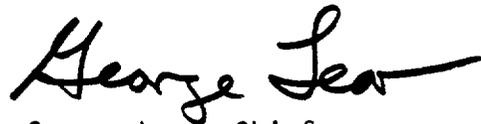
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-29 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 45, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment becomes effective 30 days after the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 22, 1978