

DO NOT REMOVE

LICENSE AUTHORITY FILE COPY



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

July 24, 1992

Docket Nos. 50-237, 50-249
and 50-254, 50-265

Posted
Amdt. 135 to DPR-29

Mr. Thomas J. Kovach
Nuclear Licensing Manager
Commonwealth Edison Company-Suite 300
OPUS West III
1400 OPUS Place
Downers Grove, Illinois 60515

Dear Mr. Kovach:

SUBJECT: ISSUANCE OF AMENDMENTS (TAC NOS. M83369, M83370, M83373, AND M83374)

The Commission has issued the enclosed Amendment No. 116 to Facility Operating License No. DPR-19 for Dresden Unit 2, Amendment No. 113 to Facility Operating License No. DPR-25 for Dresden Unit 3, Amendment No. 135 to Facility Operating License No. DPR-29 for Quad Cities Unit 1, and Amendment No. 131 to Facility Operating License No. DPR-30 for Quad Cities Unit 2. The amendments are in response to your application dated May 7, 1992, as supplemented by your July 1, 1992, submittal.

The amendments consist of administrative changes which revise the types of procedures that require review by the Onsite Review and Investigative Function (OnSR&IF), specifies the level of review and approval for procedures governed by the proposed Technical Review and Control process, clarifies the authority assigned to the OnSR&IF, and incorporates editorial changes to provide conforming changes to the proposed administrative changes.

A title change related to the Assistant Vice President Quality Programs and Assessment proposed for Dresden Station in this submittal was also proposed as a miscellaneous administrative change in your August 9, 1991, submittal. This request has been addressed in this submittal since it is the staff's decision that it is more appropriate and timely to proceed in this manner.

Mr. Thomas J. Kovach

- 2 -

July 24, 1992

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Original signed by:

Byron L. Siegel, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 116 to DPR-19
2. Amendment No. 113 to DPR-25
3. Amendment No. 135 to DPR-29
4. Amendment No. 131 to DPR-30
5. Safety Evaluation

cc w/enclosures:
See next page

DISTRIBUTION:
PDIII-2 r/f (2) B. Clayton, RIII
NRC & Local PDRs PDIII-2 p/f (2)
J. Zwolinski B. Boger
B. Siegel R. Barrett
C. Moore (2) L. Olshan
D. Hagan OGC
W. Jones G. Hill (16)
ACRS (10) C. Grimes
OC/LFMB OPA
Docket Files

OFC	LA:PDIII-2	PM:PDIII-2	PM:PDIII-2	LFMB	ID:PDIII-2	OGC
JAME	CMOORE	BSIEGEL	LOLSHAN	IGZECH	RBARRETT	CPW
DATE	10/21/92	10/21/92	10/21/92	10/21/92	10/21/92	10/21/92

OFFICIAL RECORD COPY

Mr. Thomas J. Kovach
Commonwealth Edison Company

Dresden Nuclear Power Station
Unit Nos. 2 and 3

cc:

Michael I. Miller, Esquire
Sidley and Austin
One First National Plaza
Chicago, Illinois 60690

Mr. C. Schroeder
Plant Manager
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, Illinois 60450-9765

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
Dresden Station
6500 North Dresden Road
Morris, Illinois 60450-9766

Chairman
Board of Supervisors of
Grundy County
Grundy County Courthouse
Morris, Illinois 60450

Regional Administrator
Nuclear Regulatory Commission, Region III
799 Roosevelt Road, Bldg. #4
Glen Ellyn, Illinois 60137

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Robert Neumann
Office of Public Counsel
State of Illinois Center
100 W. Randolph
Suite 11-300
Chicago, Illinois 60601

Mr. Thomas J. Kovach
Commonwealth

Quad Cities Nuclear Power Station
Unit Nos. 1 and 2

cc:

Mr. Stephen E. Shelton
Vice President
Iowa-Illinois Gas and
Electric Company
P. O. Box 4350
Davenport, Iowa 52808

Michael I. Miller, Esquire
Sidley and Austin
One First National Plaza
Chicago, Illinois 60690

Mr. Richard Bax
Station Manager
Quad Cities Nuclear Power Station
22710 206th Avenue North
Cordova, Illinois 61242

Resident Inspector
U. S. Nuclear Regulatory Commission
22712 206th Avenue North
Cordova, Illinois 61242

Chairman
Rock Island County Board
of Supervisors
1504 3rd Avenue
Rock Island County Office Bldg.
Rock Island, Illinois 61201

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road, Bldg. #4
Glen Ellyn, Illinois 60137

Robert Neumann
Office of Public Counsel
State of Illinois Center
100 W. Randolph
Suite 11-300
Chicago, Illinois 60601



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 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 135
License No. DPR-29

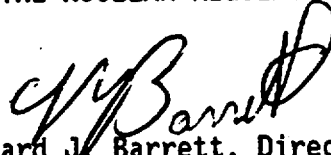
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Commonwealth Edison Company (the licensee) dated May 7, 1992, as supplemented July 1, 1992, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) 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. 135, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Richard J. Barrett, Director
Project Directorate III-2
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 24, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 135

FACILITY OPERATING LICENSE NO. DPR-29

DOCKET NO. 50-254

Revise the Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by the captioned amendment number and contain marginal lines indicating the area of change.

<u>REMOVE</u>	<u>INSERT</u>
iv	iv
6.1-1	6.1-1
6.1-3	6.1-3
6.1-4	6.1-4
6.1-5	6.1-5
6.1-6	6.1-6
6.1-7	6.1-7
6.1-8	6.1-8
6.1-9	6.1-9
6.1-10	6.1-10
6.1-11	6.1-11
6.2-1	6.2-1
6.2-2	6.2-2
-	6.2-3

QUAD CITIES
DPR-29

TABLE OF CONTENTS (Cont'd)

	Page
3.12/4.12 FIRE PROTECTION SYSTEMS	3.12/4.12-1
A. Fire Detection Instrumentation	3.12/4.12-1
B. Fire Suppression Water System	3.12/4.12-2
C. Sprinkler Systems	3.12/4.12-4
D. CO ₂ Systems	3.12/4.12-5
E. Fire Hose Stations	3.12/4.12-7
F. Penetration Fire Barriers	3.12/4.12-7
G. Fire Pump Diesel Engine	3.12/4.12-8
3.12/4.12 Limiting Conditions for Operation and Surveillance Requirements Bases	3.12/4.12-10
5.0 DESIGN FEATURES	5.0-1
6.0 ADMINISTRATION CONTROLS	6.1-1
6.1 Organization, Review, Investigation, and Audit	6.1-1
6.2 Procedures and Programs	6.2-1
6.3 Reportable Event Action	6.3-1
6.4 Action to be Taken in the Event a Safety Limit is Exceeded	6.4-1
6.5 Plant Operating Records	6.5-1
6.6 Reporting Requirements	6.6-1
6.7 Environmental Qualification	6.7-1
6.8 Offsite Dose Calculation Manual (ODCM)	6.8-1
6.9 Process Control Program (PCP)	6.9-1
6.10 Major Changes to Radioactive Waste Treatment Systems (Liquid, Gaseous, Solid)	6.10-1
6.11 Radiation Protection Program	6.11-1
6.12 High Radiation Area	6.12-1

QUAD-CITIES
DPR-29

6.0 ADMINISTRATIVE CONTROLS

6.1 ORGANIZATION, REVIEW, INVESTIGATION, AND AUDIT

- A. Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.
1. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of department responsibilities and relationships, and job descriptions for key personnel positions, or in the equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Manual or the Management Plan for Nuclear Operations, Section 3 Organization Authority, Activities: Section 6 Interdepartmental Relationships.
 2. The Station Manager shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
 3. The Senior Vice President-Nuclear Operations shall have the corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
 4. The Individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.
- B. Administrative procedures shall be developed and implemented to limit the working hours of unit staff who perform safety-related functions; e.g., licensed Senior Operators, licensed Operators, health physics personnel, equipment operators, and key maintenance personnel.
- The amount of overtime worked by Unit staff members performing safety-related functions shall be limited in accordance with the NRC Policy Statement on working hours (Generic Letter No. 82-12).
- C. The shift manning for the station shall be as shown in Figure 6.1-3. The Operating Assistant Superintendent, Operating Engineer, Shift Engineers, and Shift Foremen shall have a Senior Operator's License. The Fuel Handling Foreman has a limited Senior Operator's License. The Vice President BWR Operations on the corporate level has responsibility for the Fire Protection Program. The Maintenance Assistant Superintendent will be responsible for implementation of the Fire Protection Program. A fire brigade of at least 5 members shall be maintained on-site at all times. This excludes the shift crew necessary for safe shutdown of the plant, and any personnel required for other essential functions during a fire emergency.

**QUAD-CITIES
DPR-29**

- G. The Review and Investigative Function and the Audit Function of activities affecting quality during facility operations shall be constituted and have the responsibilities and authorities outlined below:**

- 1. The Superintendent of the Offsite Review and Investigative Function shall be appointed by the Manager of Quality Assurance/Nuclear Safety (QA/NS) responsible for nuclear activities. The Corporate Audit Function shall be the responsibility of the Manager of QA/NS and shall be independent of operations.**

The Manager of QA/NS reports directly to the Chief Executive Officer and has the responsibility to set Corporate Policy for both the areas of Quality Assurance and Nuclear Safety. Policy is promulgated through a central policy committee directed by the Manager of QA/NS. The Manager of QA/NS has the responsibility for the performance of periodic audits of each nuclear station and corporate department to determine that QA/NS policy is being carried out.

- a. Offsite Review and Investigative Function**

The Superintendent of the Offsite Review and Investigative Function shall: (1) provide directions for the review and investigative function and appoint a senior participant to provide appropriate direction, (2) select each participant for this function, (3) select a complement of more than one participant who collectively possess background and qualifications in the subject matter under review to provide comprehensive interdisciplinary review coverage under this function, (4) independently review and approve the findings and recommendations developed by personnel performing the review and investigative function, (5) approve and report in a timely manner all findings of noncompliance with NRC requirements to the Station Manager, Vice President BWR Operations, Manager of QA/NS, General Manager (GM) Quality Programs and Assessment, and the Senior Vice President-Nuclear Operations. During periods when the Superintendent of Offsite Review and Investigative Function is unavailable, he shall designate this responsibility to an established alternate, who satisfies the formal training and experience for the Superintendent of the Offsite Review and Investigative Function. The responsibilities of the personnel performing this function are stated below. The Offsite Review and Investigative Function shall review:

- (1) The safety evaluations for: (1) changes to procedures, equipment, or systems as described in the safety analysis report and (2) tests or experiments completed under the provision of 10 CFR 50.59 to verify that such actions did not constitute an unreviewed safety question. Proposed changes to the Quality Assurance Program description shall be reviewed and approved by the Manager of QA/NS;**

QUAD-CITIES
DPR-29

- (2) Proposed changes to procedures, equipment or systems which involve an unreviewed safety question as defined in 10 CFR 50.59;
- (3) Proposed tests or experiments which involve an unreviewed safety question as defined in 10 CFR 50.59;
- (4) Proposed changes in Technical Specifications or this Operating License;
- (5) Noncompliance with Codes, regulations, orders, Technical Specifications, license requirements, or of internal procedures, or instructions having nuclear safety significance;
- (6) Significant operating abnormalities or deviations from normal and expected performance of plant equipment that affect nuclear safety as referred to it by the Onsite Review and Investigative Function;
- (7) All REPORTABLE EVENTS;
- (8) All recognized indications of an unanticipated deficiency in some aspect of design or operation of safety-related structures, systems, or components;
- (9) All changes to the Generating Stations Emergency Plan prior to implementation of such change; and
- (10) All items referred by the Technical Staff Supervisor, Station Manager, Vice President BWR Operations, and GM Quality Programs and Assessment.

b. Station Audit Function

The Station Audit Function shall be the responsibility of the GM Quality Programs and Assessment independent of BWR Operations. Such responsibility is delegated to the Nuclear Quality Programs Manager.

The Nuclear Quality Programs Manager or designated Corporate Staff or Supervision approved by the GM Quality Programs and Assessment shall approve the audit agenda and checklists, the findings and the report of each audit. Audits shall be performed in accordance with the Company Quality Assurance Program and Procedures. Audits shall be performed to assure that safety-related functions are covered within the period designated below:

- (1) The conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once 12 months;

QUAD-CITIES
DPR-29

- (2) The adherence to procedures, training and qualification of the station staff at least once per 12 months;
- (3) The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems, or methods of operation that affect nuclear safety at least once per 6 months;
- (4) The performance of activities required by the Quality Assurance Program to meet the Criteria of Appendix B 10 CFR Part 50, at least once per 24 months;
- (5) The Facility Emergency Plan and implementing procedures at least once per 12 months;
- (6) The Facility Security Plan and implementing procedures at least once per 12 months;
- (7) Onsite and offsite reviews;
- (8) The Facility Fire Protection programmatic controls including the implementing procedures at least once per 24 months by qualified QA personnel;
- (9) The Radiological Environmental Monitoring Program and the results thereof at least once per 12 months;
- (10) The OFFSITE DOSE CALCULATION MANUAL and implementing procedures at least once per 24 months; and
- (11) The PROCESS CONTROL PROGRAM and implementing procedures for solidification of radioactive waste at least once per 24 months.

All findings of noncompliance with NRC requirements and recommendations and results of each audit shall be reported to the Station Manager, Manager of QA/NS, GM Quality Programs and Assessment, Vice President BWR Operations, the Senior Vice President-Nuclear Operations, and the Chief Operating Officer.

c. Authority

The Manager of QA/NS reports to the Chief Executive Officer. The Manager of QA/NS has the authority to order unit shutdown or request any other action which he deems necessary to avoid unsafe plant conditions.

QUAD-CITIES
DPR-29

The GM Quality Programs and Assessment reports to the Senior Vice President-Nuclear Operations. The GM Quality Programs and Assessment has the authority to recommend unit shutdown or request any other action which he deems necessary to avoid unsafe plant conditions. All such disagreements shall be reported immediately to the Manager of QA/NS and the Chief Operating Officer.

d. Records

- (1) Reviews, audits, and recommendations shall be documented and distributed as covered in 6.1.G.1.a and 6.1.G.1.b.
- (2) Copies of documentation, reports, and correspondence shall be kept on file at the station.

e. Procedures

Written administrative procedures shall be prepared and maintained for the offsite reviews and investigative functions described in Specifications 6.1.G.1.a. Those procedures shall cover the following:

- (1) Content and method of submission of presentations to the Superintendent of the Offsite Review and Investigative Function.
- (2) Use of committees and consultants.
- (3) Review and approval.
- (4) Detailed listing of items to be reviewed.
- (5) Method of (1) appointing personnel, (2) performing reviews, investigations, (3) reporting findings and recommendations of reviews and investigations, (4) approving reports, and (5) distributing reports.
- (6) Determining satisfactory completion of action required based on approved findings and recommendations reported by personnel performing the review and investigative function.

f. Personnel

- 1) The persons, including consultants, performing the Offsite Review and Investigative Function, in addition to the Superintendent of the Offsite Review and Investigative Function, shall have expertise in one or more

QUAD-CITIES
DPR-29

of the following disciplines as appropriate for the subject or subjects being reviewed and investigated:

- a) Nuclear power plant technology,
- b) Reactor operations,
- c) Utility operations,
- d) Power plant design,
- e) Reactor engineering,
- f) Radiological safety,
- g) Reactor safety analysis,
- h) Instrumentation and control,
- i) Metallurgy,
- j) Any other appropriate disciplines required by unique characteristics of the facility.

- 2) Individuals performing the Offsite Review and Investigative Function shall possess a minimum formal training and experience as listed below for each discipline.

- a) Nuclear Power Plant Technology

Engineering graduate or equivalent with 5 years experience in the nuclear power field design and/or operations.

- b) Reactor Operations

Engineering graduate or equivalent with 5 years experience in nuclear power plant operations.

- c) Utility Operations

Engineering graduate or equivalent with at least 5 years of experience in utility operation and/or engineering.

- d) Power Plant Design

Engineering graduate or equivalent with at least 5 years of experience in power plant design and/or operation.

- e) Reactor Engineering

Engineering graduate or equivalent. In addition, at least 5 years of experience in nuclear plant engineering, operation, and/or graduate work in nuclear engineering or equivalent in reactor physics is required.

- f) Radiological Safety

Engineering graduate or equivalent with at least 5 years of experience in radiation control and safety.

QUAD-CITIES
DPR-29

g) Reactor Safety Analysis

Engineering graduate or equivalent, with at least 5 years of experience in nuclear engineering.

h) Instrumentation and Control

Engineering graduate or equivalent with at least 5 years of experience in instrumentation and control design and/or operation.

i) Metallurgy

Engineering graduate or equivalent with at least 5 years of experience in the metallurgical field.

- 3) The Superintendent of the Offsite Review and Investigative Function shall have experience and training which satisfy ANSI N18.1-1971 requirements for plant managers.

2. The Onsite Review and Investigative Function shall be supervised by the Station Manager.

a. Onsite Review and Investigative Function

The Station Manager shall: (1) provide direction for the Review and Investigative Function and appoint the Technical Staff Supervisor, or other comparably qualified individual as a senior participant to provide appropriate directions; (2) approve participants for this function; (3) assure that a complement of at least two participants who collectively possess background and qualifications in the subject matter under review are selected to provide comprehensive interdisciplinary review coverage under this function; (4) independently review and approve the findings and recommendations developed by personnel performing the Onsite Review and Investigative Function; (5) report all findings of noncompliance with NRC requirements, and provide recommendations; and (6) submit to the Offsite Review and Investigative Function concurrence in a timely manner, those items described in Specification 6.1.G.1.a which have been approved by the Onsite Review and Investigative Function.

b. Responsibility

The Onsite Review and Investigative Function shall be responsible for conducting the following:

- 1) Review of all applicable Plant Administrative Procedures recommended in Reg. Guide 1.33, Revision 2, February 1978 and changes thereto;

QUAD-CITIES
DPR-29

- 2) Review of Emergency Operating Procedures required to implement the requirements of NUREG-0737 and Supplement 1 to NUREG-0737 as stated in Section 7.1 of Generic Letter No. 82-33 and changes thereto;
- 3) Review of all proposed tests and experiments that affect nuclear safety;
- 4) Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety;
- 5) Review of proposed changes to the Fire Protection Program;
- 6) Review of the Station Security Plan and submittal of recommended changes to the Station Security Plan in accordance with station procedures;
- 7) Review of Emergency Plan and identification of recommended changes;
- 8) Review of changes to the PROCESS CONTROL PROGRAM and the OFFSITE DOSE CALCULATION MANUAL;
- 9) Review of all proposed changes to the Technical Specifications or Operating License, and any proposed change which involves an unreviewed safety question that is to be submitted to the Commission for approval;
- 10) Review of investigation results for all violations of the Technical Specifications, including the preparation and forwarding of reports covering evaluations and recommendations to prevent recurrence;
- 11) Review of investigation results for all REPORTABLE EVENTS and other significant operating abnormalities including the preparation and forwarding of reports covering evaluations and recommendations to prevent recurrence;
- 12) Review of any accidental, unplanned, or uncontrolled radioactive release including the preparation and forwarding of reports covering evaluations and recommendations to prevent recurrence;
- 13) Review of Unit operations to detect potential hazards to nuclear safety;
- 14) Performance of special reviews and investigations and reports thereon as requested by the Superintendent of the Offsite Review and Investigative Function.

**QUAD-CITIES
DPR-29**

c. Authority

The Onsite Review and Investigative Function shall:

- 1) Advise the Station Manager on all matters related to Nuclear Safety.
- 2) Recommend to the Station Manager the disposition of items considered under Specification 6.1.G.2.a.1) through 9) prior to their implementation.
- 3) Include among its review conclusions for each item considered under Specification 6.1.G.2.a.1) through 4), a determination of whether or not the item involves an unreviewed safety question.
- 4) Provide prompt notification to the Vice President BWR Operations and the Superintendent of the Offsite Review and Investigative Function of disagreement between the Onsite Review and Investigative Function and the Station Manager. The Station Manager shall follow the recommendations of the Onsite Review and Investigative Function or select a course of action that is more conservative regarding safe operation of the facility.

d. Records

- 1) Reports, reviews, investigations, and recommendations prepared and performed for specification 6.1.G.2.a shall be documented and forwarded to the Superintendent of the Offsite Review and Investigative Function unless otherwise specified.
- 2) Copies of all records and documentation shall be kept on file at the station.

e. Procedures

Written administrative procedures shall be prepared and maintained for conduct of the Onsite Review and Investigative function. These procedures shall include the following:

- 1) Content and method of submission and presentation to the Station Manager, Vice President BWR Operations, and the Superintendent of the Offsite Review and Investigative Function.
- 2) Use of committees when necessary.
- 3) Review and approval.
- 4) Detailed listing of items to be reviewed.

QUAD-CITIES
DPR-29

- 5) Procedures for administration of the quality control activities.
- 6) Assignment of responsibilities.

f. Personnel

- 1) The personnel, including consultants, performing the Onsite Review and Investigative Function, in addition to the Station Manager, shall have expertise in one or more of the following disciplines as appropriate for the subject or subjects being reviewed and investigated:
 - a) Nuclear power plant technology,
 - b) Reactor operations,
 - c) Reactor engineering,
 - d) Chemistry,
 - e) Radiological controls,
 - f) Instrumentation and control, and
 - g) Mechanical and electric systems.
- 2) Personnel performing the Onsite Review and Investigative Function shall meet minimum acceptable levels as described in ANSI N18.1 1971, Sections 4.2 and 4.4.

H. Fire Protection Program

An independent fire protection and loss prevention program inspection and audit shall be performed at least once per 12 months utilizing either qualified offsite licensee personnel or an outside fire protection firm.

An inspection and audit of the fire protection and loss prevention program shall be performed by a qualified outside fire consultant at least once per 36 months.

QUAD-CITIES
DPR-29

6.2 PROCEDURES AND PROGRAMS

- A. Written procedures shall be established, implemented and maintained covering the activities referenced below:
1. The applicable procedures recommended in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978,
 2. The emergency operating procedures required to implement the requirements of NUREG-0737 and Supplement 1 to NUREG-0737 as stated in Section 7.1 of Generic Letter No. 82-33,
 3. Station Security Plan implementation,
 4. Generating Station Emergency Plan implementation,
 5. PROCESS CONTROL PROGRAM implementation,
 6. OFFSITE DOSE CALCULATION MANUAL implementation, and
 7. Fire Protection Program implementation.

6.2 PROCEDURES AND PROGRAMS (Continued)

B. DELETED

C. Technical Review and Control

Procedures required by Specification 6.2.A and other procedures which affect nuclear safety, as determined by the Station Manager, and changes thereto, other than editorial or typographical changes, shall be reviewed as follows prior to implementation, except as noted in Specification 6.2.D:

1. Each procedure or procedure change shall be independently reviewed by a qualified individual knowledgeable in the area affected other than the individual who prepared the procedure or procedure change. This review shall include a determination of whether or not additional cross-disciplinary reviews are necessary. If deemed necessary, the reviews shall be performed by the qualified review personnel of the appropriate discipline(s).
2. Individuals performing these reviews shall meet the applicable experience requirements of ANSI 18.1, 1971, Sections 4.2 and 4.4, and be approved by the Station Manager.
3. Applicable Administrative Procedures recommended by Regulatory Guide 1.33, Plant Emergency Operating Procedures, and changes thereto shall be submitted to the Onsite Review and Investigative Function for review and approval prior to implementation in accordance with Specification 6.1.G.2.b.
4. Review of the procedure or procedure change will include a determination of whether or not an unreviewed safety question is involved. This determination will be based on the review of a written safety evaluation prepared by a qualified individual(s), or documentation that a safety evaluation is not required. Onsite Review, Offsite Review and Commission approval of items involving unreviewed safety questions shall be obtained prior to station approval for implementation.
5. The Department Head approval authority shall be as specified in station procedures.
6. Written records of reviews performed in accordance with this specification shall be prepared and maintained in accordance with Specification 6.1.G.2.
7. Editorial and typographical changes shall be made in accordance with station procedures.

QUAD-CITIES
DPR-29

6.2 PROCEDURES AND PROGRAMS (Continued)

- D. Temporary changes to procedures 6.2.A may be made provided:
 - 1. The intent of the original procedure is not altered.
 - 2. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's license on the unit affected.
 - 3. The change is documented, reviewed, and approved in accordance with Specification 6.2.c within 14 days of implementation.
- E. Drills of the emergency procedures described in Specification 6.2.A shall be conducted in accordance with the GSEP manual.



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

COMMONWEALTH EDISON COMPANY

AND

IOWA-ILLINOIS GAS AND ELECTRIC COMPANY

DOCKET NO. 50-265

QUAD CITIES NUCLEAR POWER STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 131
License No. DPR-30

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Commonwealth Edison Company (the licensee) dated May 7, 1992, as supplemented July 1, 1992, 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-30 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 131, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Richard J. Barrett, Director
Project Directorate III-2
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 24, 1992