



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. 57
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 February 2, 1978, 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:

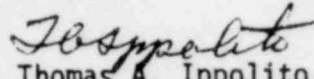
B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 57, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: August 6, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 57

FACILITY OPERATING LICENSE NO. DPR-29

DOCKET NO. 50-254

Revise Appendix B Technical Specifications by removing pages E1.2/2.2-1 and E3.1-1 and replacing with the enclosed pages.

E1.2/2.2 TEMPERATURE LIMITATIONS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

SPECIFICATIONS

Heated effluent from the plant shall meet the following restrictions beyond a mixing zone 600 feet downstream of the diffuser pipes:

- A. The normal daily and seasonal temperature fluctuations that existed before the addition of heated effluent shall be maintained.
- B. The maximum temperature rise at any time (or place) above natural ambient temperatures shall not exceed 5° F.
- C. The rate of change of temperature due to heated effluent from the diffuser pipes shall not exceed 2° F per hour (during controlled changes in operation of the plant). **This requirement need not be met during changes in the mode of condenser cooling.**

Ambient river water temperature and discharge temperatures will be monitored. Temperature sensors will be used to define the temperature regime above and below the plant. Measurements from the sensors are telemetered into the station control room and are recorded on a strip chart recorder.

Four temperature sensors are located approximately 600 feet downstream of the diffuser pipes, one temperature sensor is located in the discharge bay, and two temperature sensors are located in the intake area to record ambient river temperature.

Temperature information collected from this system is recorded.

Figure 2.2-1 shows the locations of temperature sensors.

E3.0 REPORTING REQUIREMENTS

3.1 Chlorine Effluent Reports

- A. A letter shall be sent to the Director of the Office of Nuclear Reactor Regulation within 30 days after a limiting condition for operation is exceeded describing the occurrence and justifying corrective action.
- B. A report shall be prepared annually describing the results of the chlorine analyzing and monitoring program. This report shall be sent to the Director of the Office of Nuclear Reactor Regulation within 90 days after the end of a report period.

3.2 Temperature Limitations

Upstream and downstream temperatures recorded in accordance with Section 2.2 will be reported in the annual operating report.

3.3 Fish Impingement

Annual reports will be compiled on the results obtained from impingement counts. Results of the effectiveness of the diversion system will be reported.

3.4 Chemical Effluent

Chemical usage will be documented in the annual operating report each calendar year.



UNITED STATES
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COMMONWEALTH EDISON COMPANY
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IOWA ILLINOIS GAS AND ELECTRIC COMPANY

DOCKET NO. 50-265

QUAD CITIES NUCLEAR POWER STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 52
License No. DPR-30

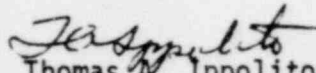
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Commonwealth Edison Company (the licensee) dated February 2, 1978, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules 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 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. 52, 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


Thomas W. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: August 6, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 52

FACILITY OPERATING LICENSE NO. DPR-30

DOCKET NO. 50-265

Revise Appendix B Technical Specifications by removing pages E1.2/2.2-1 and E3.1-1 and replacing with the enclosed pages.

E1.2/2.2 TEMPERATURE LIMITATIONS

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

SPECIFICATIONS

Heated effluent from the plant shall meet the following restrictions beyond a mixing zone 600 feet downstream of the diffuser pipes:

- A. The normal daily and seasonal temperature fluctuations that existed before the addition of heated effluent shall be maintained.
- B. The maximum temperature rise at any time (or place) above natural ambient temperatures shall not exceed 5° F.
- C. The rate of change of temperature due to heated effluent from the diffuser pipes shall not exceed 2° F per hour (during controlled changes in operation of the plant). **This requirement need not be met during changes in the mode of condenser cooling.**

Ambient river water temperature and discharge temperatures will be monitored. Temperature sensors will be used to define the temperature regime above and below the plant. Measurements from the sensors are telemetered into the station control room and are recorded on a strip chart recorder.

Four temperature sensors are located approximately 600 feet downstream of the diffuser pipes, one temperature sensor is located in the discharge bay, and two temperature sensors are located in the intake area to record ambient river temperature.

Temperature information collected from this system is recorded.

Figure 2.2-1 shows the locations of temperature sensors.

E3.0 REPORTING REQUIREMENTS

3.1 Chlorine Effluent Reports

- A. A letter shall be sent to the Director of the Office of Nuclear Reactor Regulation within 30 days after a limiting condition for operation is exceeded describing the occurrence and justifying corrective action.
- B. A report shall be prepared annually describing the results of the chlorine analyzing and monitoring program. This report shall be sent to the Director of the Office of Nuclear Reactor Regulation within 90 days after the end of a report period.

3.2 Temperature Limitations

Upstream and downstream temperatures recorded in accordance with Section 2.2 will be reported in the annual operating report.

3.3 Fish Impingement

Annual reports will be compiled on the results obtained from impingement counts. Results of the effectiveness of the diversion system will be reported.

3.4 Chemical Effluent

Chemical usage will be documented in the annual operating report each calendar year.