

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-254COMMONWEALTH EDISON COMPANYANDIOWA-ILLINOIS GAS AND ELECTRIC COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 61 to Facility Operating License DPR-29 issued to Commonwealth Edison Company and Iowa-Illinois Gas and Electric Company, which revised the Technical Specifications for operation of the Quad Cities Nuclear Power Station, Unit No. 1, located in Rock Island County, Illinois. The amendment becomes effective as of the date of issuance.

This amendment (1) authorizes changes to the plant Technical Specifications by revising the Minimum Critical Power Ratio Safety Limit to apply to new fuel types, (2) modifies the Rod Drop Accident Design Limit from 1.3%Δ maximum rod worth to 280 calories/gram peak fuel enthalpy rise, (3) approves the use of new Maximum Average Planar Linear Heat Generation Rate curves reflecting 8x8 retrofit fuel reload characteristics and extension of burnup to 40,000 megawatt days per short ton, (4) replaces the Limiting Total Peaking Factor with the Maximum Fraction of Limiting Power Density for adjustment of the APRM flux scram and rod block trip settings, and (5) changes the Reactor Protection System Delay Time from 100 to 50 milliseconds for consistency with the licensing analysis. All other changes correct typographical errors and clarify the basis.

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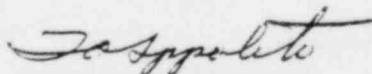
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR Section 51.5(d)(4) an environmental impact statement, negative declaration, and environmental impact appraisal need not be prepared in connection with issuance of the amendment.

For further details with respect to this action, see (1) the application for amendment dated September 2, 1980, as supplemented October 3, 1980, (2) Amendment No. 61 to License No. DPR-29, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C., and at the Moline Public Library, 504 - 17th Street, Moline, Illinois, for Quad Cities Unit No. 1. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 5th day of December, 1980.

FOR THE NUCLEAR REGULATORY COMMISSION



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