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Docket No. 50-10

Commonwealth Edison Company
ATTN: Mr. L. D. Butterfield, Jr.
Nuclear Licensing Administrator
Post Office Box 767
Chicago, Illinois 60690

Change No. ²⁴ 22
License No. DPR-2

Gentlemen:

Your letter of February 7, 1973, requested changes to the Technical Specifications of License No. DPR-2 to authorize a higher maximum water temperature in the isolation condenser. We understand the change is requested because high ambient air temperature in the containment dome where the isolation condenser is located often raises condenser water temperature above 100°F. The letter also requests deletion of a procedure covering the probable maximum flood since you do not consider such a procedure to be necessary.

Your letter states that the analysis performed in response to the AEC's Interim Acceptance Criteria for Emergency Core Cooling Systems was performed assuming an initial water temperature of 212°F. In addition, in discussions with your staff, we were informed that calculated fuel clad temperatures using the assumptions of the Interim Acceptance Criteria are relatively insensitive to the initial temperature of the isolation condenser water. On this basis we have concluded that raising the technical specification limit on isolation condenser water temperature from 100°F to 212°F has no significant effect on safety.

Based on the preceding considerations, we have concluded that the proposed change for a higher maximum water temperature in the isolation condenser does not present significant hazards considerations not described or implicit in the Dresden 1 Safety Analysis Report (Hazards Summary Report) and that there is reasonable assurance that the health and safety of the public will not be endangered by operation of the reactor in the manner proposed.

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Accordingly, pursuant to Section 50.59 of 10 CFR Part 50, Section B.15.b(1) of the Technical Specifications of Facility License No. DPR-2 is hereby changed to read as follows:

B.15.b(1) The shell side water level and temperature shall be checked daily to assure that it contains a minimum of 30,000 gallons and that the temperature of the water does not exceed 212°F when not in operation.

Our review of your request to delete the requirement for a procedure for the probable maximum flood indicates that your request does not contain adequate basis and therefore cannot be granted. You have not demonstrated that the level of the probable maximum flood is not above grade level of the Dresden site. Unless such demonstration can be made, appropriate planning for coping with emergencies should include development of a procedure to ensure reactor safety in the event of floods with levels up to that of the probable maximum flood.

Sincerely,

Original Signed by
D. J. Skovholt

Donald J. Skovholt
Assistant Director for
Operating Reactors
Directorate of Licensing

cc: John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza
Chicago, Illinois 60670

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