



**Commonwealth Edison**  
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April 12, 1978

Mr. George E. Lear, Chief  
Operating Reactors - Branch 3  
Division of Operating Reactors  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

**REGULATORY DOCKET FILE COPY.**

Subject: Dresden Station Units 2 and 3  
Quad-Cities Station Units 1 and 2  
Suppression Pool Temperature Transients  
NRC Docket Nos. 50-237/249 and 50-254/265

References (a): D. K. Davis letter to R. L. Bolger dated  
December 12, 1977

(b): C. Reed letter to D. K. Davis dated  
January 3, 1978

Dear Mr. Lear:

Commonwealth Edison has reviewed Reference (a) and the Dresden Station and Quad-Cities Station Technical Specifications with General Electric in order to provide a technically justified basis upon which suppression pool temperature transient analyses could be performed. This review has generated proposed analysis cases with the initial conditions, event descriptions and assumptions defined. These proposed transient bases are being submitted to fulfill our commitment transmitted by Reference (b).

It is Commonwealth Edison's position that a commitment for the performance of the transient analyses is not currently justified. Although it is recognized that the available test data on suppression pool instability is limited, it is judged that sufficient experience exists in operating facilities to justify continued operation without the need for very costly analysis. This position is justified in the case of the Dresden and Quad-Cities units because of the particular plant unique parameters which contribute to the mitigation of the pool heating transients, e.g., large pool water volume and large pool cooling capacity.

Mr. George E. Lear:

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Please address any additional questions on this matter to this office.

One (1) signed original and fifty-nine (59) copies of this letter are provided for your use.

Very truly yours,

*C. Reed*

Cordell Reed  
Assistant Vice-President

attachment