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Docket Nos.: 50-440/441

Mr. Dalwyn R. Davidson  
 Vice President  
 System Engineering & Construction  
 The Cleveland Electric Illuminating Company  
 P. O. Box 5000  
 Cleveland, Ohio 44101

Dear Mr. Davidson:

Subject: NRC Staff Determinations concerning Safety Evaluation Report  
 Outstanding Issues (15) and (16); Confirmatory Issue (36) -  
 Perry Nuclear Power Plant (Units 1 and 2)

The staff has completed its review of the additional information provided by CEI addressing SER Outstanding Issue (15), Fire Protection - Safe Shutdown Outstanding Issue (16), Fire Protection - PGCC System; and Confirmatory Issue (36), Documentation or Test of the 3-Hour Fire Resistance of Gypsum Board Walls. In view of the importance placed by CEI and expressed to the project manager (John Stefano) for the need to obtain a staff decision on these issues in November 1982, to preclude potential plant construction schedule impacts, we are summarizing the staff's findings below, in advance of issuing Supplement No. 2 to the SER. Details of the staff's findings in these issues, as well as other fire protection confirmatory issues addressed by CEI, in separate letters dated August 31, 1982, will be related in Supplement No. 2 which we plan to issue in December 1982.

Outstanding Issue (15) - the staff finds that the proposed deviations to Appendix R equipment separation requirements, (Branch Technical Position CMEB 9.5-1, Section A.5.b) described in your letter dated June 16, 1982, are acceptable from a fire protection standpoint. This issue is accordingly resolved.

Outstanding Issue (16) - on the basis of information provided in your letter dated August 31, 1982, the staff finds that CEI has adequately addressed their concerns regards the use of CO<sub>2</sub> in the control room PGCC system (delineated in my letter to you dated June 9, 1982), and that your proposed system modifications will preclude impairing the operators' ability to maintain safe shutdown conditions in the event of an inadvertent activation of the CO<sub>2</sub> system. The use of CO<sub>2</sub> has also been found to be acceptable from a control room habitability standpoint. Thus, we consider this issue to also be resolved.

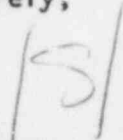
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Confirmatory Issue (36) - the staff finds that the information provided in your letter dated August 31, 1982 relative to the plant gypsum board wall design configuration is insufficient to resolve this issue without the need to conduct a test of that configuration in accordance with the provisions of ASTM E-119. Your followup letter dated November 16, 1982, which advises CEI's intent to have the Underwriter's Laboratory (UL) independently evaluate the gypsum board wall design configuration from a fire protection standpoint, is hereby acknowledged. The staff is most interested in reviewing the UL evaluation results. It is therefore requested that your staff advise the project manager, within 7 days after receipt of this letter, when we may expect to receive the UL findings.

We believe that this letter provides the decision requested by CEI, and within the time frame required to maintain plant construction schedules. It also conveys what still must be accomplished to resolve Confirmatory Issue (36).

Sincerely,



A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing

cc: See next page

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