



**Commonwealth Edison**

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August 4, 1982

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: LaSalle County Station Units 1 and 2  
Resolution of HVAC Concerns  
NRC Docket Nos. 50-373/374

Dear Mr. Denton:

Commonwealth Edison has taken steps to resolve the quality assurance documentation deficiencies of the heating, ventilating and air conditioning (HVAC) system installed by the Zack Company at our LaSalle County Nuclear Power Plant throughout the course of the project. Nonconformance reports (NCR'S) issued by Zack have been reviewed and dispositioned by our engineering department and the architect-engineer, Sargent and Lundy. Also extensive field inspections have been conducted by an independent testing agency, Conam. Additionally, materials have been tested in the field and verified they met applicable material specifications. Based on these investigations, Commonwealth Edison is confident that the HVAC system as installed can perform its design safety function.

However, to add another level of assurance, Edison will have an independent review of the safety-related portion of the HVAC system performed by consultants with expertise in HVAC system design, installation and operation. The following general scope has been developed for the review:

1. Verify that the HVAC installation is in accordance with the design. This will include, but not be limited to a review of the materials installed, the field and shop welding on supports and ductwork, the operability of associated mechanical equipment, and significant design changes. The reviewer will be directed to independently verify the reliability and adequacy of existing material, structural and field testing already performed; and determine any additional testing or changes necessary to reach the conclusion that the HVAC system fulfills its safety function.
2. Notify Commonwealth Edison immediately if a safety concern is discovered.

A more detailed scope will be developed after discussions with the consultants and a report of their review will be submitted to the NRC by September 15, 1982. The consultants review will not be constrained by operational considerations.

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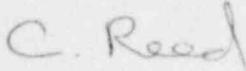
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In the event this verification program identifies any significant deficiencies which would prevent the effected portion(s) of the HVAC system from fulfilling its safety-function, remedial action will be taken immediately in satisfaction of applicable technical specification requirements to restore adequate margin and assure the system is operable. Operation beyond 50% power will not proceed until this assessment and any required remedial action has been completed.

To the extent deficiencies of lesser significance are identified, they will be documented and reviewed with the NRC Staff and remedial action, if necessary, completed on a schedule agreed upon with the NRC Staff.

If there are any questions in this matter, please contact this office.

Very truly yours,



Cordell Reed  
Vice President

cc: Mr. James G. Keppler