Commonwealth Edison
One First National Plaza, Chicago, Illinois
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Chicago, Illinois 60690

December 9, 1981

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U.S. NUCLEAR REGULATORY COMMISSION

Mr. Robert L. Tedesco
Assistant Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: LaSalle County Station Units 1 and 2
Pressure Interlocks on Valves
Interfacing Between Low Pressure
Emergency Core Cooling Systems
and the Reactor Pressure Vessel
NRC Docket Nos. 50-373 and 50-374

Reference (a): R. L. Tedesco letter to L. O. DelGeorge dated November 5, 1981.

Dear Mr. Tedesco:

The purpose of this letter is to provide our response to your letter identified in Reference (a) regarding pressure interlocks on valves interfacing between low pressure emergency core cooling systems and the reactor pressure vessel. It should be noted that our response is not within the required period identified in your letter. However, since discussions on the subject were in progress at the time, Mr. A. Bournia acknowledged that our written response would be delayed.

Based upon our discussions with the staff and a renewed understanding of your concerns, Commonwealth Edison intends to provide protection against overpressurization of the low pressure emergency core cooling (ECC) systems prior to startup following the first refueling outage on Unit 1 and prior to initial startup on Unit 2.

This will be accomplished utilizing the positions identified in the Standard Review Plan Section 6.3 or by modifying the current design such that the motor operated valves which interface between the low pressure ECC systems and the reactor coolant system are interlocked to prevent opening unless the reactor vessel pressure is lower than the design pressure of the ECC system involved.

It is recognized that a Technical Specification requirement has been instituted which requires an operability check by verifying leakage of specified low pressure systems valves prior to startup

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whenever the plant has been in cold shutdown and following valve actuation. This requirement will be in force as an interim measure until startup following the first refuel outage or until system changes are complete.

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

Very truly yours,

C E Sargent

C. E. Sargent
Nuclear Licensing Administrator

CES/lm

cc: NRC Resident Inspector - LSCS

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