Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

September 7, 1982

Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Quad Cities Station Units 1 and 2
NUREG 0737 Item II.K.3.22
Additional Information
NRC Docket Nos. 50-254/265

Reference (a): D. B. Vassallo letter to L. O. DelGeorge dated August 5, 1982

Dear Mr. Eisenhut:

Reference (a) requested that the Commonwealth Edison Company provide, within thirty (30) days, certain information concerning NUREG 0737 Item II.K.3.22 "Automatic Switchover of the RCIC System Suction" at our Quad Cities Station. The Attachment to this letter provides the requested information.

To the best of my knowledge and belief, the statements contained in the Attachment are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by other Commonwealth Edison employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

Please address any further questions that you or your staff may have concerning this matter to this office.

One (1) signed original and thirty-nine (39) copies of this letter with Attachment are provided for your use.

Very truly yours,

E. Douglas Swartz
Nuclear Licensing Administrator

A046

Attachment
cc: J. G. Keppler - RIII
RIII Inspector - QC
Roby B. Bevan ORB - 2

4970N

ATTACHMENT

COMMONWEALTH EDISON COMPANY

QUAD CITIES STATION - UNITS 1 and 2

NUREG 0737 Item II.K.3.22 - Response to request for additional information describing how acceptance criteria have been satisfied.

1) RCIC is non-safety related except for the primary pressure boundary. This modification has no effect on the primary pressure boundary, and therefore need not be classified as safety grade. Containment isolation logic is not affected.

2) The sensors used are the existing HPCI level switches. These devices meet the criteria of IEEE Standard 279-1971.

3) All manual RCIC functions have been retained.

4) With the exception of containment isolation, RCIC is not safety-grade. Therefore, changes to the RCIC control circuitry need not be seismically designed.

5) RCIC control circuitry is not safety grade. Therefore, the equipment does not need to be environmentally qualified.

6) Condensate storage tank suction valve closure is initiated by a limit switch on the suppression pool suction valve. Therefore, the condensate storage tank suction valve does not close until the suppression pool suction valve is fully open.

7) The RCIC suction switch over signal input is taken from the HPCI system. A safety grade relay isolates the two systems. The only new equipment added was a cable. No credible cable failure will cause degradation of the HPCI system.

8) Bypassed and inoperable status indication lights are not required and have not been provided. Position indication has been provided in the control room and locally.

9) The sensors are not located in an area exposed to cold weather.

10) This is covered by the following procedures:

QOA 1300-6	RCIC Automatic Initiation
QOP 1300-2	RCIC Manual Start-up
QOP 1300-9	RCIC Local Manual Operation
QOP 2300-3	HPCI System Manual Start-up
QOA 2300-1	HPCI Automatic Initiation
QGA-1	Loss of Coolant (Fast Leak; Large or Small Line Break Inside Containment)
QOA-3200-2	Loss of Feedwater