



**Commonwealth Edison**

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April 18, 1983

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

Subject: Quad Cities Station Units 1 and 2  
Resolution of TMI Item II.K.3.13  
RCIC Automatic Restart  
NRC Docket Nos. 50-254 and 50-265

Reference (a): D. B. Vassallo letter to D. L. Farrar  
dated March 16, 1983.

Dear Mr. Denton:

This letter is in response to the plant-specific acceptance criteria presented in Enclosure 3 of the referenced letter. These modifications have been completed during the Fall of 1981 and we believe the criteria set forth have been met as follows:

- (1) The RCIC system has been modified to allow automatic restart of the RCIC turbines from the control room. The existing trip and initiation circuits were moved from the trip-throttle valve to the 250VDC Motor Operated valve 1301-61. Additionally, electrical overspeed and low oil pressure trips have been provided. The mechanical overspeed trip has been retained at 5600 rpm whereas the electrical overspeed trip is set at 5150 rpm. The original low oil pressure trip, however, has been defeated.
- (2) The RCIC system is not safety-related. Therefore, all materials used are commercial grade items. The design is consistent with Commonwealth Edison standards.
- (3) Functional testing of the completed modification included verification of automatic restart of the turbine after the trip on a simulated reactor high water level signal by reapplication of the simulated reactor low low water signal, and the use of the control room RCIC reset service to restart the turbine after turbine trips from simulated electrical overspeed and low oil pressure signals.

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

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H. R. Denton

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If you have any questions regarding this matter please contact this office

One (1) signed original and forty (40) copies of this letter are being transmitted for your use.

Very truly yours,

*F. B. Lentine*

*for*

B. Rybak

Nuclear Licensing Administrator

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cc: R. Bevan - NRR  
NRC Resident Inspector - Quad Cities

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