



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690

October 17, 1984

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

Subject: Byron Generating Station Units 1 and 2  
Braidwood Generating Station Units 1 and 2  
Radiological Monitoring  
NRC Docket Nos. 50-454/455 and 50-456/457

Dear Mr. Denton:

This letter provides additional information regarding the calibration of instrumentation for radiological monitoring of effluent noble gases at the Byron and Braidwood stations. NRC review of this information is necessary to close an open item in section 11.5 of the Byron SER.

Enclosed with this letter are the current calibration reports for the GA RD-72 wide-range gas monitor and the GA RD-52 offline beta detector. These reports include revisions necessary to address Staff questions regarding the calibration techniques and energy response for these detectors.

Please address further questions regarding this matter to this office.

Very truly yours,

*T. R. Tramm*

T. R. Tramm  
Nuclear Licensing Administrator

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Attachment

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