



**Commonwealth Edison**

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

October 31, 1988

Mr. T. E. Murley  
Off of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Quad Cities Station Unit 1 and 2  
Dresden Station Units 2 and 3  
"Conformance of Post Accident Monitoring  
Instrumentation at Quad Cities Station"  
NRC Docket No. 50-254/256 and 50-237/249

References (a): Letter from T. Ross to H.E. Bliss,  
dated August 12, 1988

(b): Letter from D.R. Muller to H.E. Bliss  
dated September 1, 1988

Dear Mr. Murley:

References (a) and (b) transmitted Safety Evaluation Reports (SER) which documented Commonwealth Edison's Conformance with the requirements of NRC Regulatory Guide (R.G.) 1.97, "Instrumentation for Light-Water Cooled Nuclear Power Plants to Assess Plant and Environs Conditions During and Following an Accident." The SER concluded that Quad Cities and Dresden either conform to, or have adequately justified its deviations from, Reg Guide 1.97 Revision 2 with the exception of how we provide monitoring of the neutron flux variable. Additionally, the Quad Cities letter requested Edison to provide additional information regarding the power supplies for the existing neutron monitoring system. CECO was to respond to these two items within sixty days of the receipt of the Safety Evaluation Report.

Commonwealth Edison is participating in the Boiling Water Reactor (BWR) Owner's Group effort regarding the requirements for Neutron Monitoring. These discussions between the BWROG and the staff center around the potential downgrading of Neutron Monitoring to Category II.

Commonwealth Edison is actively following these discussions as they progress, as are other utilities. As of this date, no domestic BWR has installed a neutron monitoring system that can satisfy Reg Guide 1.97, Category I requirements.

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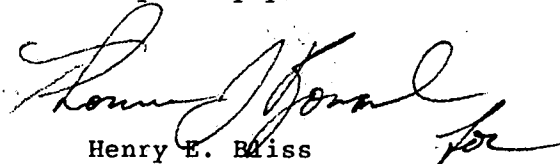
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Commonwealth Edison commits to reviewing its position regarding the Neutron Monitoring System pending completion of the discussions between the BWROG and NRC staff. Specifically, within 90 days of the receipt of a formal response to the BWROG position from the NRC, CECO will re-review its position regarding the installation of a Category I Neutron Monitoring System at Quad Cities and Dresden Stations and provide a written response documenting it.

With respect to the issue of the power sources (ie 24/48 VDC) for the Neutron Monitoring System, Commonwealth Edison position is that these power supplies would be upgraded to 1E as part of a Neutron Monitoring System upgrade if discussions between the BWROG and Staff fail. We believe the existing Category III system, along with the associated power supplies sufficiently allow for the monitoring of the variable.

Please direct any questions regarding this matter to this office.

Very truly yours

  
Henry E. Bliss  
Nuclear Licensing Manager

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cc: T. Ross - NRR Project Manager, Quad Cities  
B. Siegel - NRR Project Manager, Dresden  
A.B. Davis - NRC Region III  
Quad Cities Senior Resident Inspector  
Dresden Senior Resident Inspector

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