



**Commonwealth Edison**

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September 25, 1986

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

Subject: Braidwood Station Unit 1  
Fire Protection August 1986 Audit-  
Resolution of Issues  
NRC Docket No. 50-454, 455, 456, & 457

Reference: September 22, 1986 A.D. Miosi letter to H.R. Denton

Dear Mr. Denton:

The purpose of this letter is to provide you with a procedural summary as requested by members of your staff which addresses item T1 (use of jumpers to attain hot standby) in the referenced letter. This procedure is currently being walked down at Byron Station Unit 1 during the Fire Protection Audit. As a result some changes may occur.

Byron/Braidwood PRI-5 Control Room Inaccessibility procedure will be revised to provide guidance in the event both the Control Room and Auxiliary Electrical Equipment Room become inaccessible concurrently with an inadvertent safety injection.

Basically, the revisions consist of including an Attachment "K" titled "Maintaining Hot Standby Conditions with an SI". Other procedural steps will provide kickout to Attachment "K" in the event personnel are unable to enter the Auxiliary Electrical Equipment Room to reset SI signals.

Attachment "K" describes steps to maintain Reactor Coolant System (RCS) inventory by maintaining pressurizer level using one centrifugal charging pump and flow control valve FCV-121 to provide charging flow sufficient to make-up for RCP seal leakoff. This operation will be conducted from the Remote Shutdown Panel. The remaining ECCS pumps will be stopped locally. RCS pressure will be maintained by cycling pressurizer heater groups A and B as necessary from the Remote Shutdown Panel. RCS temperature will be maintained

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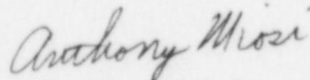
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by locally controlling steam and auxiliary feedwater flow from and to the steam generators while maintaining steam generator wide range level indication at the Remote Shutdown Panel. Once plant conditions are stable, Attachment "K" will return the operator to the main PRI-5 procedure to determine long term plant status.

Should you have any questions concerning this issue please contact this office.

One signed original and fifteen copies of this letter are provided for your review.

Very truly yours,



A. D. Miosi  
Nuclear Licensing Administrator

/klj  
cc: J. Stevens

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