



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690

*DMB*

March 12, 1984

Mr. James G. Keppler  
Regional Administrator - Region III  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Subject: Braidwood Station Unit I  
10 CFR 50.55(e) 30 Day Report  
Incorrectly Wired Distribution Panel  
NRC Docket Nos. 50-456/457

Dear Mr. Keppler:

On February 7, 1984, the Commonwealth Edison Company Project Construction Department notified Mr. Cordell Williams of a deficiency reportable pursuant to 10 CFR 50.55(e) regarding the incorrectly wired distribution panel IDC05E. For your tracking purposes, this deficiency was assigned Number 84-02.

This letter fulfills the thirty (30) day reporting requirements of 10 CFR 50.55(e) regarding this matter and is considered to be the final report.

DESCRIPTION OF DEFICIENCY

During a test by the Commonwealth Edison Company Operational Analysis Department, it was determined that the non-safety related distribution panel ERI in panel IDC05E was wired incorrectly by the manufacturer. The General Electric non-safety related distribution panel ERI on buses 113 and 114 are connected to safety related buses 111 and 112 respectively instead of being fed from non-safety related feed breaker DF2, as shown on drawings 1-4030DC09, 1-4250F and 1-4251F.

ANALYSIS OF SAFETY IMPLICATIONS

A possible fault of the non-safety related circuit on the non-safety related 125 volt bus coupled with a failure of the associated non-safety related breaker could cause the loss of the 125 volt safety related bus and subsequent loss of its intended function.

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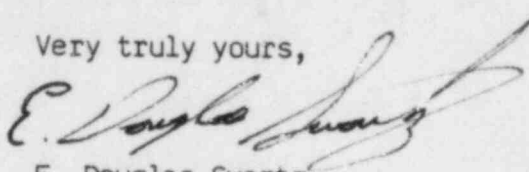
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CORRECTIVE ACTION TAKEN AND DATE OF COMPLETION

Commonwealth Edison Company Project Construction Department has issued Non-Conformance Report No. 593. The corrective action is to revise the internal wiring to meet the approved design drawings. Work will be completed when materials are received from General Electric. Although no date of shipment has yet been set, the requisite wiring revisions are expected to be accomplished by June 1984.

Please address any questions concerning this matter to this office.

Very truly yours,



E. Douglas Swartz  
Nuclear Licensing Administrator

cc: RIII Inspector - Braidwood

Director of Inspection and Enforcement  
US Nuclear Regulatory Commission  
Washington, DC 20555

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