



**Commonwealth Edison**

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Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

September 8, 1983

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

Subject: Byron Generating Station Units 1 and 2  
DC Cable Failure  
NRC Docket Nos. 50-454 and 50-455

References (a): December 6, 1983 letter from T. R.  
Tramm to J. G. Keppler.

(b): June 1, 1983 letter from T. R. Tramm  
to J. G. Keppler.

Dear Mr. Keppler:

References (a) and (b) provided interim reports on a deficiency reportable pursuant to 10 CFR 50.55(e) regarding the failure of several DC cables in an underground duct at Byron Station. This is the third interim report. For NRC tracking purposes this deficiency is numbered 83-07.

At this point in time, a representative sample of the suspect cables has been removed for inspection. Preliminary visual inspection on site has not revealed the cause of the problem. Therefore the cables will be shipped back to the supplier for laboratory testing to attempt to determine the cause of ground fault. A final report will be available by December 1, 1983.

Please direct questions regarding this matter to this office.

Very truly yours,

*T. R. Tramm*

T. R. Tramm  
Nuclear Licensing Administrator

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cc: Director of Inspection and Enforcement

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