

ILLINOIS POWER COMPANY



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500 SOUTH 27TH STREET, DECATUR, ILLINOIS 62525

April 16, 1982

Mr. James C. Keppler
Director, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler,

Deficiency 82-02

10 CFR 50.55(e)

Ground Faults Occurring in Instrument
Cable due to Termination Splice Practices



On March 16, 1982, Illinois Power notified Mr. H. Wescott, NRC Region III (ref: IP letter, Y-7725, dated March 16, 1982) of a potential reportable deficiency per 10 CFR 50.55(e) concerning intermittent shorts to ground occurring in instrument cable due to method of termination and tape practices. Our investigation of this matter has not been completed, and this is an interim report per 10 CFR 50.55(e)(3).

Preliminary investigations have revealed that six (6) terminated IE instrument cables may be affected by the suspect termination/taping practices. A Nonconformance Report (6507) was initiated to document and control these specific cases. Additionally, a STOP WORK was initiated to cease work on termination of all IE instrumentation cable until this matter has been fully evaluated and resolved.

We anticipate that we will need approximately ninety (90) days to complete our investigation of this matter. At such time we hope to be able to provide further details and conclusions regarding the reportability of this potential deficiency.

Very truly yours,

W.C. Gerstner for

W.C. Gerstner
Executive Vice President

WCG/rc/wp

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cc: H. H. Livermore, NRC Resident Inspector
Director, Office of I & E, Washington, D.C.
Director of Quality Assurance