

ILLINOIS POWER COMPANY



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U-10193

CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

August 17, 1984

Docket No. 50-461

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

Subject: Potential 10CFR50.55(e) Deficiency 55-84-16
Internal Wiring Workmanship
Deficiencies in Electrical Panels (HPCS-DG)

Dear Mr. Keppler:

On July 20, 1984, Illinois Power Company notified Mr. F. Jablonski, NRC Region III, (Ref: IP Memorandum Y-20704, dated July 20, 1984) of a potentially reportable deficiency concerning general workmanship discrepancies in the wiring of electrical control panels for the High Pressure Core Spray (HPCS) Diesel Generator (DG). Our investigation of this issue is progressing, and this letter is submitted as an interim report in accordance with the requirements of 10CFR50.55(e)(3).

Statement of Potentially Reportable Deficiency/Background

An inspection of the vendor wiring in HPCS electrical panel IE22-S001B for DG Division III was performed as a result of generic problem information obtained by the NRC from other power reactors and forwarded to Clinton Power Station (CPS) for information and "follow-through" action (NRC Open Item 83-09-01).

Our inspection of the HPCS electrical panels has identified a significant number of internal wiring workmanship deficiencies. The identified deficiencies have been documented on Nonconformance Reports (NCRs) No. 14165 and No. 16984.

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Investigation Results/Corrective Action

Illinois Power (IP) has prepared and is implementing an investigation plan to determine the extent of this problem at CPS. The investigation plan includes:

1. A review and evaluation of background facts concerning the internal wiring deficiencies will be performed to determine if poor workmanship was performed at the factory prior to shipping or was performed at CPS during equipment installation/modification.
2. A review will be performed of CPS receiving inspection procedures as well as the panel installation procedures to determine what work, if any, was performed on the subject panels subsequent to the receiving inspection.
3. Baldwin Associates (BA) procedures for field modifications and inspection of the control panels will be reviewed to determine quality hold points prior to traveler completion.
4. Field testing methods utilized to verify equipment and circuit integrity will be reviewed with respect to identifying internal wiring deficiencies prior to energizing.
5. IP will evaluate the effect of the problem with respect to other equipment supplied by the same supplier/manufacturer.

The complete scope and root cause(s) of this issue have not yet been identified, such that a determination of remedial and generic corrective action can be made.

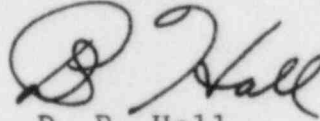
Identified discrepancies are being documented on NCRs and will be resolved in accordance with approved site procedures.

Safety Implications/Significance

Illinois Power's investigation of this potentially reportable deficiency is continuing. The safety implications and significance will be assessed after further background information is evaluated. Approximately ninety (90) days will be required to complete the investigation, determine reportability, and file a final report on this potentially reportable deficiency.

We trust that this interim report provides sufficient information to perform a general assessment of this potential deficiency and adequately describes our overall approach to resolve this problem.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. P. Hall". The signature is fluid and cursive, with the first name "D." and last name "Hall" clearly distinguishable.

D. P. Hall
Vice President

RLC/cah (NRC2)

cc: NRC Resident Office
Director, Office of I&E, US NRC, Washington, DC 20555
Illinois Department of Nuclear Safety
INPO Records Center