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ILLINOIS POWER COMPANY



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

January 29, 1985

Docket No. 50-461

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

Subject: Potential 10CFR50.55(e) Deficiency 55-82-09:
Small Bore/Instrumentation Piping, and
Conduit Support Design Calculations

Dear Mr. Keppler:

In Illinois Power's final report on the subject potentially reportable issue (Ref: IP Letter U-10143, D. P. Hall to J. G. Keppler, dated June 15, 1984), Illinois Power (IP) committed to the following, concerning conduit support calculations:

"Illinois Power Nuclear Station Engineering Department has developed and implemented a plan to perform on-going technical reviews of 10%, or a minimum of one (1) per building, of conduit support calculations performed by Sargent & Lundy (S&L) during each month, to monitor technical adequacy of the calculations. This plan will be adjusted as experience is gained with the quality of the new calculations."

Based on the experience gained with the quality of the new calculations, the technical reviews of the conduit support calculations are being adjusted as follows:

1. Reduced to twenty (20) randomly selected calculations per quarter, and
2. Re-evaluated in approximately six (6) months for further adjustment or elimination of the review requirement.

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Background

Illinois Power's Nuclear Station Engineering Department (NSED) commenced the ten (10) percent monthly conduit support calculation review with March 1983 calculations. In the process of these reviews, any information found in the calculation that did not support the "as designed" condition of the conduit support (e.g., a non-conservative span dimension, use of incorrect load table) was identified as a concern. All concerns have been addressed to Sargent & Lundy (S&L) for evaluation and response. None have required a hardware change.

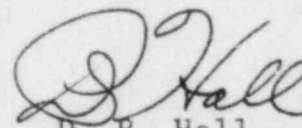
A trend analysis, using a mean average curve, indicates a decline in the number of concerns, from approximately twenty (20) to eight (8) per one hundred calculations over the review period, March 1983 thru May 1984.

NSED conducted a conduit support calculation review for the quarterly period of June, July and August 1984. Twenty (20) randomly selected support calculations were reviewed with two (2) concerns identified; neither of which resulted in a hardware change. The resulting ten (10) concerns per one hundred calculations is consistent with the decreasing trend as indicated above.

In addition, Sargent & Lundy has established a generic technical monitoring program which includes a review of conduit support calculations. Reports are generated quarterly and there have been no findings that require a hardware change.

We trust that this amendment to the subject final report provides sufficient information to clarify the ongoing corrective action associated with this potentially reportable deficiency.

Sincerely yours,



D. P. Hall
Vice President

RLC/lr (NRC2)

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