



# THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN  
VICE PRESIDENT  
NUCLEAR

February 3, 1983

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

RE: Perry Nuclear Power Plant  
Docket Nos. 50-440; 50-441  
Telephone Conference of  
January 25, 1983, Concerning  
Use of Drillco Corebore Type Bits

Dear Mr. Keppler:

This letter, requested by Mr. J. Konklin of your office on January 25, 1983, serves as a clarification of the Engineering evaluation of a possible reportable significant deficiency concerning the use of Drillco Corebore type bits at PNPP. Mr. J. Konklin requested additional information during his conversation with Mr. E. Riley of The Cleveland Electric Illuminating Company.

As reported to Mr. Konklin on January 4, 1983, Drillco bit sizes 5/8", 3/4", 1", and 1-1/4" were used for drilling Hilti-Kwik bolt holes. These bits were not approved for use by the Engineer. A sample test indicated that the 5/8" and 1-1/4" bits were acceptable for use at PNPP. This evaluation was based on a comparison of pullout averages for Drillco-installed bolts and Hilti-installed bolts. In both cases, the pullout average for Drillco-installed bolts meet or exceed the pullout averages for Hilti-installed bolts. The 3/4" and 1" Drillco-installed bolts did not meet the average pullout values of the corresponding Hilti-installed bolts, thus additional testing was required. The additional testing was patterned after the requirements addressed in GAI Report #2304, "Report on Evaluation of Hilti-Kwik Bolt Qualification Tests," which we forwarded to your office as an attachment to our final report RDC 21(80) dated May 14, 1981. As a result of the additional testing it was determined that the 3/4" and 1" Drillco-installed bolts were also acceptable for use at PNPP. The basis for evaluation and acceptance was a comparison of average pullout values for Drillco-installed bolts vs. the November 1980 test value for Hilti-Kwik bolts. (Ref. GAI Report #2304 Table 1.5 and 1.6).

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Mr. James G. Keppler

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February 3, 1983

Based on this evaluation we concluded that this did not represent a condition which was reportable pursuant to 10CFR50.55(e).

If there are any additional questions, please do not hesitate to call.

Sincerely,

*Cyril M. Shuster*  
for  
Murray R. Edelman  
Vice President  
Nuclear Group

MRE:pab

cc: Mr. M. L. Gildner  
NRC Site Office

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