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THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN

VICE PRESIDENT
NUCLEAR

May 17, 1985

PY-CEI/OIE-0050 LQ

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
Diesel Generator Building
Floor Response Spectra
[RDC 133(85)]

Dear Mr. Keppler:

This letter serves as an interim report pursuant to 10CFR50.55(e) on the potential deficiency associated with the evaluation of a change in soil parameters which affected the Diesel Generator Building floor response spectra. Mr. J. McCormick-Barger of your office was notified on April 18, 1985, by Mr. T. A. Boss of the Cleveland Electric Illuminating Company that this problem was being evaluated per Deviation Analysis Report 234.

Description of Deficiency

It had been determined that a change in soil parameters caused a fundamental frequency shift, affecting our Diesel Generator Building. Gilbert/Commonwealth, Inc. (G/C), our Architect/Engineer, had evaluated this change for impact on the structural accelerations, but not on the floor response spectra. G/C Inc. filed a 10CFR21 report on this subject on April 2, 1985.

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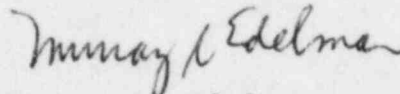
Completion of Evaluation

Gilbert/Commonwealth, Inc. is conducting a re-evaluation of potentially affected piping and equipment. As stated by Mr. W. F. Sailer of Gilbert/Commonwealth, Inc., in his April 29, 1985 letter to Mr. J. M. Taylor of the NRC, preliminary evaluations indicate that this item does not constitute a substantial safety hazard.

G/C is scheduled to complete their final documentation by May 31, 1985. We will provide our next report on this subject after receipt of this documentation.

Please call if there are any questions.

Sincerely,



Murray R. Edelman
Vice President
Nuclear Group

MRE:sab

cc: Mr. J. A. Grobe
USNRC, Site Office

Mr. D. E. Keating
USNRC, Site Office

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