



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

July 9, 1985

PY-CEI/OIE-0068 L

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:

The Cleveland Electric Illuminating Company has completed the evaluation of a potential deficiency associated with a change in soil parameters which affected the Diesel Generator Building floor response spectra and has concluded this item is not reportable pursuant to 10CFR50.55(e). This item was originally reported to Mr. J. McCormick-Barger of your office on April 18, 1985 and was documented in a report transmitted to your office on May 19, 1985. This potential deficiency was evaluated per Deviation Analysis Report 234.

The report of a potential deficiency was made because a change in soil parameters had been analyzed for its impact on Diesel Generator Building structural accelerations, but not for its impact on the floor response spectra. Specifically, the soil parameter change caused the fundamental frequency to shift from approximately 8 cps to 3 cps horizontally and from 14 cps to 10 cps vertically. Gilbert/Commonwealth, Inc. our Architect/Engineers, filed a 10CFR21 report on this subject on April 2, 1985.

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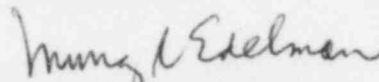
Gilbert/Commonwealth, Inc. conducted an analysis of all safety-related items, and related supports in the Diesel Generator Building. The results of this analysis indicate that this deficiency, if left uncorrected, would not have resulted in the failure of any safety-related systems or components during a design basis seismic event.

The analysis did, however, identify four supports which require modification in order to meet project design criteria, although the current design if unchanged, would not have resulted in hardware failure. The following Engineering Change Notices have been initiated to upgrade the four supports.

18080-44-6073 Rev. C
18081-44-6074 Rev. B
18082-44-6075 Rev. E
18083-44-6076 Rev. B

This is the final report on this item. If you have any questions, please call.

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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