



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EOELMAN

VICE PRESIDENT
NUCLEAR

March 16, 1984

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
Synchronization Between Standby
Diesel Generator and Alternate
Preferred Power Source [RDC 97(84)]

Dear Mr. Keppler:

This letter serves as the interim report pursuant to 10CFR50.55(e) on the design deficiency concerning synchronization of the standby diesel generator and the alternate preferred power source. Mr. P. R. Pelke of your office was notified on February 16, 1984, by Mr. B. D. Walrath of The Cleveland Electric Illuminating Company (CEI) that this problem was being evaluated. This discrepancy was identified during a safety system functional capability review being performed for CEI by GDS Associates.

This report contains a description of the deficiency, planned corrective action and the date for filing of the next report on this subject.

Description of Deficiency

FSAR Section 8.3.i.1.3.2.7d states that the standby diesel generator cannot be synchronized with the alternate preferred power source from the diesel generator room. The design allows for this synchronization, but does not provide for local frequency indication of the alternate preferred source. If synchronization was attempted between the alternate preferred power source and the standby diesel generators when they are out of sync, resultant loss of diesel generator supplied class 1E power could occur.

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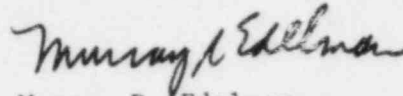
Corrective Action

Gilbert Associates, Incorporated, our Architect/Engineer, is currently evaluating the as-designed condition which allows the synchronization between the alternate preferred power source and the standby diesel generator. They will determine if design and/or FSAR changes are necessary to effect safe system operation and obtain consistency.

We will submit our next report on this subject by April 30, 1984.

Please call if there are any questions.

Sincerely,



Murray R. Edelman
Vice President
Nuclear Group

MRE:pab

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

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