



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

April 27, 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
HPCS Diesel Generator Override
Lockout Not Provided in Design
[RDC 103(84)]

Dear Mr. Keppler:

This letter serves as the interim report pursuant to 10CFR50.55(e) on the potential significant deficiency concerning a discrepancy between FSAR Section 8.3.1.1.3.3 and drawing B-208-066, Sh. 101. The present design does not prevent the High Pressure Core Spray diesel generator from starting when the regulator selector switch is in the manual position, contrary to the requirement in the FSAR. Mr. P. R. Pelke of your office was notified March 29, 1984, by Mr. E. Riley of The Cleveland Electric Illuminating Company (CEI) that this problem was being evaluated. This discrepancy was identified during a safety system functional capability review performed for CEI by GDS Associates.

Description of Deficiency

FSAR Section 8.3.1.1.3.3 states that an automatic start signal to the High Pressure Core Spray diesel generator overrides the test mode. However, certain conditions are also stated which will render the diesel generators incapable of responding to an automatic emergency start signal and these are displayed to the operator in the control room and to the diesel generator panel.

Contrary to this, the present design does not provide for a diesel generator override lockout when the regulator selector switch (S26) is in the manual position. While the present design would permit a diesel generator start in an emergency condition, it might result in non-regulated voltage being supplied to Class 1E equipment.

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Corrective Action

Currently, General Electric is evaluating the safety implications of this situation and the need for a design change.

We will submit our next report on this subject by June 20, 1984.

Please call if there are any additional questions.

Sincerely,

A. Kaplan for M. Edelman

M. R. Edelman
Vice President
Nuclear Group

MRE:pab

cc: Mr. M. L. Gildner
USNRC, Site Office

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission
c/o Document Management Branch
Washington, D.C. 20555

Records Center, SEE-IN
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339