THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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Dalwyn R. Davidson
VICE PRESIDENT - ENGINEERING

July 24, 1981

Mr. James G. Keppler
Director, 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
Interim Report on General Electric
CR2490 Tandem Block Switches
(RDC 33 ((81)))

Dear Mr. Keppler:

This letter constitutes the interim report as required by 10CFR50.55(e) on the potential significant deficiency concerning CR2940 tandem block switch assemblies supplied by GE for use in the Power Generation Control Complex (PGCC). This problem was identified to Mr. McGregor of the NRC, Region III Office of Inspection and Enforcement on June 26, 1981 by Mr. W. J. Kacer of the Cleveland Electric Illuminating Company.

Description of Deficiency

The General Electric CR2940 tandem block switch assemblies contain contact blocks in which the attaching screws have shaken loose during shipment. Vibration during a seismic event could cause the contact block to loosen sufficiently further to inhibit proper operation of the switch. This condition was identified by General Electric to the Cleveland Electric Illuminating Company on May 20, 1981.

An inspection of the switches contained in the Unit 1 PGCC panels has been conducted identifying ten loose block assemblies. Inspection of the Unit 2 panels will be completed following turnover of the PGCC to the Nuclear Test Section.

Analysis of Safety Implications

The GE CR2940 switch assemblies are utilized for safety-related manual control functions. The loss of the integrity of these switch assemblies

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could delay manual operation during an analyzed plant event such that technical specification limits could be exceeded.

Corrective Action

General Electric will issue a Field Deviation Disposition Request detailing the corrective action to be taken resolving this deficiency. Corrective action will consist of tightening all tandem block screws after lock-tite has been applied. This activity is scheduled to be completed by May 1, 1983.

Very truly yours,

Dalwyn R. Davidson

Dalwyn R. Davidson
Vice President
System Engineering and Construction

DRD:kss

cc: Mr. Jack Hughes
NRC Resident Inspector, PNPP

Mr. Victor Stello
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

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