



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

P.O. BOX 5000 - CLEVELAND, OHIO 44101 - TELEPHONE (216) 622-9800 - ILLUMINATING BLDG. - 55 PUBLIC SQUARE

Serving The Best Location in the Nation

MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

April 26, 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
Calibration of HFA Relays
Supplied by General Electric
[RDC 62(82)]

Dear Mr. Keppler:

This letter serves as the final report pursuant to 10CFR50.55(e) on the potential significant deficiency concerning HFA relays supplied to Perry Nuclear Power Plant by the General Electric Company (GE) for use in Unit 1. Mr. E. Riley of The Cleveland Electric Illuminating Company (CEI) notified Mr. P. Pelke of your office on August 18, 1982, that this potential deficiency was being evaluated by CEI. Interim reports were issued on this subject September 17, 1982, November 5, 1982, and October 31, 1983.

This letter contains a description of the deficiency, an analysis of safety implications, and the corrective action taken.

Description of Deficiency

Some HFA relays supplied by General Electric Company which were converted from normally open to normally closed by GE shop and/or field personnel may have incorrect "wipe settings". The contacts are self-aligning, but the contact wipe can be out of adjustment. This condition was reported to the NRC by GE under 10CFR21 in a letter dated July 27, 1982.

Analysis of Safety Implications

HFA relays with less than a minimum wipe setting could fail to actuate engineered safety systems during a seismic event. The failure to actuate safety systems could result in plant technical specifications being exceeded during some postulated seismic events.

8405040363 840426
PDR ADOCK 05000440
S PDR

IE 27
MAY 1 1984
110

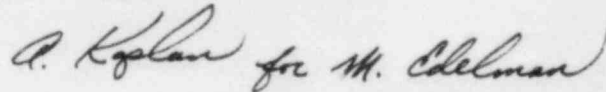
Corrective Action Taken

In response to IE Bulletin 84-02, all Unit 1 HFA relay magnetic coil assemblies are being replaced with Century series coil assemblies. This change, performed according to GE Field Disposition Instruction (FDI) WNNV, requires the contact wipe setting to be adjusted following replacement of the coil. This adjustment, performed according to the instructions provided with FDI WNQA, will correct any occurrences of less than minimum wipe settings for the Unit 1 relays.

All but two of the magnetic coils in the Unit 1 relays have been replaced and the wipe setting adjusted. Century coils for the remaining two relays were ordered on Field Deviation Disposition Request K11-803 and are expected to be installed and the wipe setting adjusted by June 1, 1984. Upon completion of these activities, site Nonconformance Report PQS 0012 dealing with the potential incorrect wipe settings will be closed.

Please call if there are any additional questions.

Sincerely,



Murray 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