



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

P.O. BOX 5000 - CLEVELAND, OHIO 44101 - TELEPHONE (216) 522-9800 - ILLUMINATING BLDG. - 55 PUBLIC SQUARE

Serving The Best Location in the Nation

DMB

MURRAY R. EDELMAN

April 5, 1984

VICE PRESIDENT
NUCLEAR

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 Local Panels E22-S001
[RDC 75(83)]

Dear Mr. Keppler:

This letter serves as the final report pursuant to 10CFR50.55(e) on the potential significant deficiency concerning the High Pressure Core Spray (HPCS) Diesel Generator Electrical Panels supplied by the General Electric Company (GE) to Perry Nuclear Power Plant. This item was originally identified to Mr. F. Jablonski of your office on June 15, 1983, by Mr. M. Kritzer for The Cleveland Electric Illuminating Company (CEI). An interim report on this subject was submitted July 15, 1983.

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

Description of Deficiency

A number of nonconforming conditions attributed to poor workmanship were identified in the HPCS Diesel Electrical Panels. Some examples of nonconforming items identified in the two panels (1 per unit) are improperly crimped ring lug terminations, temporary wire labels still present, missing inspection covers, no I.D. on terminal strips, paint overspray, broken wire strands and/or no insulation of the barrel to connection point, use of unapproved cable cleats, and the use of unapproved tape. A complete description of the nonconforming conditions is available on Project Nonconformance Report (NR) P033-1650 and GE Field Deviation Disposition Request (FDDR) KL1-735 for the Unit 1 panel and Project NR P033-1651 and GE FDDR KL2-591 for the Unit 2 panel.

Analysis of Safety Implication

It can be postulated that if some of the items listed above had gone uncorrected the HPCS Diesel Generator would have failed to start. The failure to start would prevent power from being supplied to the HPCS pump motor if offsite power was unavailable.

8404160170 840405
PDR ADDCK 05000440
S PDR

APR 10 1984

IE27

April 5, 1984

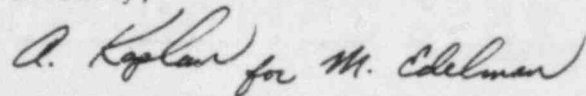
Corrective Action

The nonconforming items for Unit 1, identified on NR P033-1650, were repaired in accordance with FDDR KL1-735. All work has been completed for the Unit 1 panels. Documentation review and approval for the Unit 1 work will be completed by May 7, 1984.

The nonconforming items for the Unit 2 panels, identified on NR P033-1651, will be repaired in accordance with FDDR KL2-591. All work for the Unit 2 panels will be completed by August 8, 1984.

Please call if there are any additional questions.

Sincerely,



Murray R. Edelman
Vice President
Nuclear Group

MRE:pab

cc: Mr. M. L. Gildner
NRC 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