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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

November 23, 1983

Mr. W. S. Little, Chief
Engineering Branch 2
Division of Engineering
U.S. Nuclear Regulatory Commission, Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

RE: Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441

Dear Mr. Little:

This letter is to acknowledge receipt of Inspection Report Number 50-440/83-30; 50-441/83-29 attached to your letter dated October 28, 1983. This report identifies areas examined by Mr. N. Merriweather during his inspection conducted October 11-14, 1983, at the Perry Nuclear Power Plant.

Attached to this letter is our response to the Deviation described in the Notice of Deviation dated October 28, 1983. This response describes the corrective action taken and the date of completion as requested in your letter.

Our response has been submitted to you within thirty days of the date of the Notice of Deviation as you required. If there are additional questions, please do not hesitate to call.

Very truly yours,

Murray R. Edelman

M. R. Edelman
Vice President
Nuclear Group

MRE:pab
Attachment

cc: Mr. M. L. Gildner
USNRC Site

Mr. R. C. Knop, Chief
Projects Branch 1
Division of Project and Resident Programs
U.S. Nuclear Regulatory Commission, Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

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

Below is our response to Appendix A, Notice of Deviation, of United States Nuclear Regulatory Commission I.E. Report 50-440/83-30; 50-441/83-29.

II. Deviation 440/83-30-01

A. Deviation

CEI letter to NRC (letter from Dalwyn R. Davidson, Vice President - Engineering to Dr. Walter R. Butler, Chief, Light Water Reactors Branch, Division of Reactor Licensing, NRR) dated August 18, 1975, states in part that "the design for electrical protection of class 1E motors for motor operated valves (MOV) utilizes a fusible disconnect switch in the power circuit to achieve both branch-circuit and running overcurrent protection..., the fuses will be dual element time delay type fuses and will be size coordinated to provide both branch-circuit and overload protection..."

Contrary to the above, two single element type power fuses (Buss Type Nos. 10) were installed in Compartment HH of Motor Control Center 1R24S026 (which supplies power to MOV-1E12F105).

B. Response

1. Corrective Action Taken

Nonconformance Report OQC 0343, isssued during this inspection, has been closed. The two identified single element fuses have been replaced with dual element time delay type fuses.

Additionally, all Class 1E Motor Control Centers (MCCs) previously tested by the Nuclear Test Section (NTS) were verified as having dual element fuses installed.

NTS has revised generic test procedures GEN-E-002, "480 VAC and 125 VDC MCCs" and GEN-E-003, "Motor Operated Valves" to require that each compartment of Class 1E MCCs be checked during Initial Checkout and Run-In (IC&R) testing to verify that the appropriate size and type fuses are installed. The fuse size and type will be documented on test data sheets.

As a result of a Nuclear Construction Engineering Section and Gilbert Associates, Inc. (GAI) Engineering review, it has been determined that NTS will use existing site controlled manufacturers' drawings which specify fuse type and size in conjunction with the approved GAI 208 series Construction Drawings during verification of proper fuse installation.

2. Date When Full Compliance Will Be Achieved

Proper fuse size and type will be verified during scheduled IC&R testing for all remaining Class 1E MCCs.