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Dalwyn R. Davidson
VICE PRESIDENT
SYSTEM ENGINEERING AND CONSTRUCTION

May 28, 1982

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
Improper Nut/Gland Assembly
for D.C. Motor Control Center
[RDC 55(82)]

Dear Mr. Keppler:

This letter serves as a final report pursuant to 10CFR50.55(e) concerning a deficiency in a D.C. Motor Control Center (MCC) supplied by Eaton Corporation Cutler-Hammer. Initial notification that this problem was being evaluated by The Cleveland Electric Illuminating Company (CEI) was made to your office on April 30, 1982, by Mr. E. Riley of CEI.

This report includes a description of the deficiency, an analysis of safety implications, and the planned corrective action.

Description of Deficiency

During a site inspection by Cutler-Hammer service personnel, a nut/gland assembly for 912 DC contact in MCC-ED2A08 was found not to be seismically qualified.

Analysis of Safety Implications

The operation of the nut/gland assembly maintains closure of electrical contacts during operation of the MCC. Failure of this assembly during a seismic event could result in the loss of safety-related D.C. loads affecting the Reactor Core Isolation Cooling System. Failure of this assembly might also represent a fire hazard in the MCC due to potential arcing between open contacts.

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Planned Corrective Action

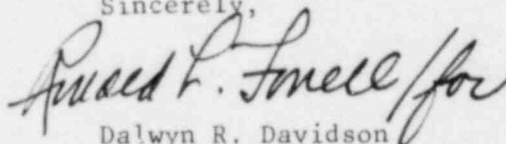
Cutler-Hammer personnel conducted a 100% inspection of all D.C. MCC's, resulting in the identification of only one MCC with the unqualified nut/gland assembly. Cutler-Hammer will supply the proper assembly to the Perry Project, which shall be installed by site personnel.

In addition to the investigation performed by Cutler-Hammer, the Perry Project will conduct an independent investigation of other safety-related Motor Control Centers for this deficiency.

The date for completion of this corrective action is November 1, 1982.

If any changes result from the Perry Project investigation, a revision to this report will be issued.

Sincerely,



Dalwyn R. Davidson
Vice President
System Engineering and Construction

DRD/llp

cc: Mr. M. L. Gildner
NRC Site Office

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
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