



## 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*

April 12, 1984

MURRAY R. EDELMAN

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  
Numerous Deficiencies Associated  
With Limitorque MOV Actuators  
[RDC 100(84)]

Dear Mr. Keppler:

This letter serves as an interim report pursuant to 10CFR50.55(e) relative to deficiencies detected during the Phase III Limitorque Actuator Rework Program conducted at PNPP. Mr. R. Knop of your office was notified on March 16, 1984, by Mr. E. Riley of The Cleveland Electric Illuminating Company (CEI) that preliminary results of the rework program in progress revealed numerous deficiencies which are being evaluated.

This report contains a description of the deficiency, the corrective action being taken, and the planned date for our final report.

Description of Deficiency

The Cleveland Electric Illuminating Co. and Gilbert Associates Inc. developed a program to rework safety-related Limitorque actuators with the objective of satisfying equipment qualification requirements and providing maximum operating reliability.

To be completed in three (3) phases, Phase I of the program consisted of a cursory walkdown to obtain qualification data and initially identify any obvious deficiencies. Phase II involved evaluating the results and developing rework procedures, and Phase III consisted of the actual disassembly, rework and re-assembly of the actuators. During the performance of Phase III for Unit 1 and Common, an interim trend analysis was conducted on equipment/material deficiencies and required rework actions.

With 131 of 225 Motor Operated Valve (MOV) actuators processed through the referenced rework program, numerous deficiencies found included damaged wiring, inadequate crimping, cracked limitswitch rotors and missing/damaged mechanical parts. It has been determined by our Nuclear Design & Analysis Section that the deficiencies could have precluded operation in several systems essential to the safe shutdown of the reactor.

8404230229 840412  
PDR ADOCK 05000440  
S PDR

APR 16 1984

IE27 1/0

Corrective Action

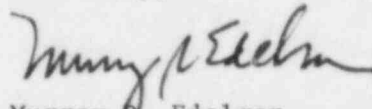
Deficiencies related to Unit 1 and Common Limitorque MOV actuators have been documented on Nonconformance Reports or have been corrected in accordance with the provisions of Special Project Plan 1607, "Procedure for Rework of Safety-Related Limitorque Actuators". In addition, in order to assure the acceptability of spare and replacement parts, Project Organization has directed the accomplishment of manufacturing surveillance by Gilbert Associates' inspection personnel at Limitorque's Lynchburg, Virginia facility.

With the rework program nearly completed for Unit 1 and Common, we expect that the inspection, rework and evaluation effort will be completed by July 1, 1984, and our Unit 1 final report will be filed by that date.

Unit 2 MOV actuators have been documented on Nonconformance Report OQC-0782 based upon their indeterminate status.

Please call if there are any additional questions.

Sincerely,



Murray G. 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