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Dalwyn R. Davidson

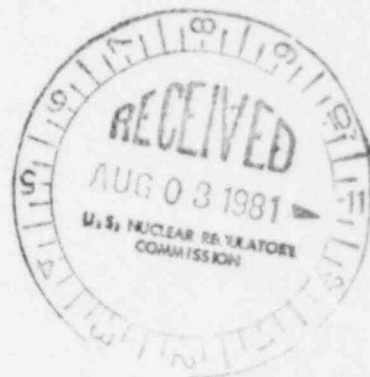
VICF PRESIDENT

SYSTEM ENGINEERING AND CONSTRUCTION

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July 24, 1981

Mr. James G. Keppler
Director, 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
Interim Report on Bailey 720
Utility Stations
(RDC 32 (81))

Dear Mr. Keppler:

This letter will serve as the interim report as required by 10CFR50.55 (e) on the potential significant deficiency concerning Bailey 720 Utility Station devices installed in the Balance of Plant (BOP) panels supplied by General Electric. This item was identified to Mr. McGregor of the NRC, Region III, Office of Inspection and Enforcement on June 26, 1981 by Mr. W. J. Kacer of the Cleveland Electric Illuminating Company.

Description of Deficiency

The Bailey 720 Utility Station devices contain push buttons that may stick in an open or closed condition as a result of irregularities in the plastic part used in the switch assembly. If the button becomes stuck during operation, the operator would be required to release the button by pulling it out with his fingers. This condition was identified to the Cleveland Electric Illuminating Company by General Electric on May 13, 1981.

An inspection of the Bailey devices contained in the Unit 1 BOP panels has been conducted identifying ten push buttons that were found to be sticking. Inspection of Unit 2 panels will be completed following turnover of the system to the Nuclear Test Section.

Analysis of Safety Implications

The Bailey 720 Utility Station devices are utilized for safety related manual control functions. A defective device could result in a false operating signal to be transmitted during manual operation. In a postulated plant event this could result in the technical specifications being exceeded.

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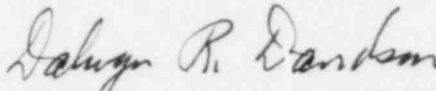
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Corrective Action

The Bailey 720 Utility Station devices identified as having defective buttons will be reworked or replaced as determined by Bailey Controls. Following this activity, all buttons will be tested to ensure that Bailey devices perform their originally designed function. Implementation of the corrective action will be completed by May 1, 1983.

Very truly yours,



Dalwyn R. Davidson
Vice President
System Engineering and Construction

DRD/llp

cc: Mr. Jack Hughes - NRC Site

Mr. Victor Stello
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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