



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

June 7, 1984

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
Annunciation of Loss of 120 Volt
AC/24 Volt DC Power Supply
[RDC 106(84)]

Dear Mr. Keppler:

This letter serves as the interim report on the potential significant deficiency regarding direct indication or annunciation in the control room in the event of loss of 120 Volt AC/24 Volt DC power supply. Mr. R. Knop of your office was notified on May 8, 1984, by Mr. T. A. Boss of The Cleveland Electric Illuminating Company (CEI) that this problem was being evaluated per our Deviation Analysis Report 183. This potential deficiency was identified as a result of the safety system functional capability review performed for CEI by GDS. Associates.

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

Description of Deficiency

The GDS Associates' review identified equipment/instrumentation in three systems (M23, Motor Control Center and Switchgear Area HVAC; P47, Control Complex Chillers; and M17, Containment Vacuum Relief) for which control room annunciation of the loss of 24 Volt DC power was not provided.

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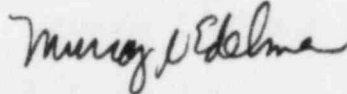
Corrective Action

A study is being performed to identify all loads on 24 Volt DC Safety-Related Power Supplies and existing alarms. This review will determine the need for annunciation on loss of 24 Volt DC Safety-Related Power Supplies.

We will submit our next report on this subject on or before September 14, 1984.

Please call if there are any questions.

Sincerely,



M. R. Edelman
Vice President
Nuclear Group

MRE:pab

cc: Mr. J. A. Grobe
USNRC, Site Office

Director
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U.S. Nuclear Regulatory Commission
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