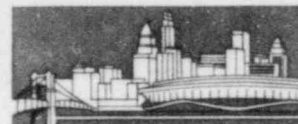


THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

June 15, 1983
LOZ-83-0051

J. WILLIAMS, JR.
SENIOR VICE PRESIDENT
NUCLEAR OPERATIONS

Docket No. 50-358

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Attention: Mr. J.G. Keppler
Regional Administrator

Gentlemen:

RE: WM. H. ZIMMER NUCLEAR POWER STATION - UNIT 1
10CFR50.55(e), ITEM E-28, DEFICIENCY IN DG
CONTROL LOGIC
W.O. 57300, JOB E-5590, FILE NO. 956C, E-28

This letter constitutes an interim report concerning the subject condition initially reported to the Commission on September 13, 1982 as a potentially reportable deficiency under the requirements of 10CFR50.55(e).

As stated in our previous report, QA-2107, dated November 3, 1982, a sequence of events could lead to the paralleling of all three (3) emergency buses on the same diesel generator, subsequent overloading of that diesel generator, and a potential loss of an essential bus. This sequence of events occurs because the emergency diesel generator energizes the incoming potential transformers that supply voltage signals to the Essential Relay Panel (ERP). Consequently, the ERP cannot determine that offsite power has been lost.

The corrective action for this deficiency requires a logic change to the ERP's to trip the diesel generator circuit breaker with an ESF actuation signal when the generator is operated in parallel with an onsite or offsite power source.

The engineering for this change is underway. Engineering Change Request (ECR)-843 has been approved to implement the design change to resolve the deficiency. Modifications to the ERP's will be performed by Vitro Labs. The scheduling and completion of this modification is contingent upon the NRC release of the November 12, 1982 "Order to Show Cause and Order Immediately Suspending Construction". Upon this release, a

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projected schedule for completion of the corrective action will be submitted.

We trust the above will be found acceptable as an interim report under 10CFR50.55(e).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By 
J. WILLIAMS, JR.
SENIOR VICE PRESIDENT

DJS/DJS/sfr

cc: NRC Office of Inspection & Enforcement
Washington, D.C. 20555
NRC Senior Resident Inspector
ATTN: W.F. Christianson
NRC Zimmer Project Inspector, Region III
ATTN: E. R. Schweibinz