

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

50-358

September 9, 1981
QA-1482

E. A. BORGMANN
SENIOR VICE PRESIDENT

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

Attention: Mr. R. C. Knop, Acting Chief
Reactor Construction and Engineering
Support Branch

RE: WM. H. ZIMMER NUCLEAR POWER STATION - UNIT I
NRC CIRCULAR 80-01, GENERAL ELECTRIC COMPANY
RELAYS WITH PETROLEUM JELLY LUBRICATED TIME
DIALS, 10CFR50.55(e) ITEM E-9, W.O. #57300-
957, JOB E-5590



Gentlemen:

This letter is intended to update our interim report dated September 11, 1980, concerning General Electric Company type IAC Induction Disc Relays with petroleum jelly lubricated time dials.

As stated in the previous report, our investigation identified a total of one hundred and ninety-six (196) type IAC relays and nine (9) type IJCV relays which are to be replaced.

All of the replacement relays have been received and are currently being installed. As of August 20, 1981, one hundred and twenty-eight (128) of these relays have been tested, calibrated and installed. An additional thirteen (13) relays have been calibrated and tested. We estimate that replacement of the relays will be completed in five (5) weeks.

However, General Electric has verbally informed us that there is a possibility that twenty-six (26) relays with 0.5-4.0 ampere current taps (Catalog #IAC51A801A) were shipped with a manufacturing defect. Apparently only one turn of insulation was utilized on current transformers in some units instead of three turns as required by the design. General Electric also stated that the NRC had been informed of the potential problem. We have requested additional information from General Electric on this matter.

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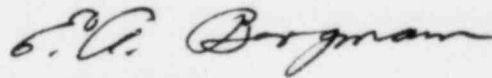
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These potentially defective relays will be replaced, however, delivery is 18-24 weeks. A check revealed that the potentially defective replacement relays of this type had already been installed. However, since these relays have successfully passed a high potential insulation test as part of CG&E's acceptance testing, they will remain in service until the twenty-six (26) additional relays have been received. A final response to this concern will be submitted on March 30, 1982.

We trust that the above will constitute an acceptable interim status report on this item.

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By 

E. A. BORGMANN
SENIOR VICE-PRESIDENT

MAP:ac

cc: NRC Resident Inspector
Attn: W. F. Christianson
NRC Office of Inspection & Enforcement
Washington, D. C. 20555