

RTE DELTA

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July 19, 1983

Director
Office of Inspection and Enforcement
Region IV
United States Nuclear Regulatory Commission
611 Ryan Plaza Drive
Arlington, Texas 76012

Dear Sir:

RTE Delta Corp is located in Stockton, California and is the manufacturer of generator control panels which control the emergency generators in nuclear power stations at Texas Utilities, Glen Rose, Texas and Consumers Power, Midland, Michigan. Each power station has four such panels in place.

For generator differential protection, the specifications for these contracts stipulated that G.E. Type 12CFD22B1A relays be used, and they were so furnished.

During the seismic test portion of the operational life qualification test program for the Texas Utilities contract, the CFD relays exhibited excessive contact chatter as indicated by the operation of the lockout relay, which coil is controlled by the CFD fault sensing contacts.

This information was reported to our customer, Transamerica Delaval, Inc. Their analysis of the control system functional design caused them to inform us that this condition must be considered a failure, since the differential relays remain active during a "LOCA" and must not misoperate should the "LOCA" be accompanied by a seismic event.

A review of the records for all the generator control panels we have supplied to nuclear stations revealed that the Consumers Power, Midland, Michigan station also was specified to use the G.E. Type 12CFD 22B1A differential relays and they were furnished. We so informed Transamerica Delaval, Inc.

Subsequently, we were requested to recommend a replacement for the differential relays that would be able to undergo the seismic SSE specified.

A review by us of several alternatives identified the G.E. Type 12 IJD52A as a suitable replacement. It has the same weight, dimensions and connections and is available as a Class 1E prequalified device. Furthermore, its published seismic response spectrum envelopes those recorded for the differential relays during the seismic portion of the operational life qualification tests for Texas Utilities and for Consumers Power.

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DESIGNATED ORIGINAL

Certified By Rheanne Clark

This information has been conveyed to Transamerica Delaval by RTE Delta.

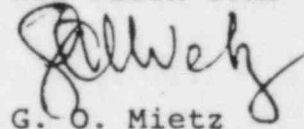
We have been informed by Transamerica Delaval that Texas Utilities plans to replace the failed Type CFD differential relays with the pre-qualified Type IJD, as recommended by us. To date, we have no official notification of this intention, and we have not documented such action into our permanent records or the Operational Life Qualification Test Report. Transamerica Delaval advises that they are persuing this matter with Texas Utilities and we should be receiving a request to update our records to reflect this change in the near future.

In the case of Consumers Power, we have heard nothing. Our Operational Life Qualification Test Report indicates that the CFD relays failed the seismic portion of the test. We have not yet received the comments to this report from the design engineer but feel certain that he will address this failure in his response. We have asked Transamerica Delaval to keep us informed in this matter.

Your office will be advised as each of these failures is resolved.

Sincerely,

RTE DELTA CORP



G. O. Mietz
General Manager

PH/sls

cc: V. Dilworth (TDI)
J. Witt (TDI)
C. Alford (RTE)
G. Kidwell (RTE)