



Westinghouse
Electric Corporation

Water Reactor
Divisions

Nuclear Technology Division

Box 355
Pittsburgh Pennsylvania 15230

June 8, 1984

NS-EPR-2928

Mr. Richard C. DeYoung, Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

Subject: Malfunction of DB-50 Undervoltage Trip Attachment

Dear Mr. DeYoung:

This is to confirm a conference call on June 7, 1984 with Mr. George Lanik of NRC in which Mr. John McAdoo of my staff apprised him of an evaluation performed by Westinghouse in response to a component malfunction reported to us by Wisconsin Public Service. Mr. Charles Schrock of Wisconsin Public Service participated in the same call and reported on the utility's evaluation.

Although our evaluation does not indicate the existence of a Substantial Safety Hazard, and we have no knowledge to indicate that this is anything other than an isolated incident, we are reporting this to you for your information.

The malfunctioning component was a DB-50 undervoltage trip attachment (UVTA), supplied by Westinghouse and installed by Wisconsin Public Service as a replacement in one of the reactor trip breakers at Kewaunee. The utility was unable to obtain proper operation from the device. The nature of the malfunction was such that the reactor could not be taken out of the tripped mode with the faulty UVTA installed. The utility returned the component to Westinghouse for further evaluation of probable cause and any generic implications.

The following findings resulted from that evaluation:

Some parts of the defective UVTA as returned were apparently of an earlier manufacturing vintage than the attachment

8406190223 840608
PDR ADOCK 05000305
S PDR

IE20
1/0

Richard C. DeYoung
June 8, 1984

NS-EPR-2928
Page 2

itself, based on its nameplate. Moreover, one of the non-conforming parts showed considerable wear, although the component was recently shipped from the supplier and had not been installed prior to the reported malfunction.

Quality records pertaining to the UVTA in question show that the item fully conformed to required inspection criteria when it was examined prior to packaging at the manufacturer's shop, and that storage prior to shipment was controlled in the specified manner. No records authorizing rework were found. The inspectors responsible for these records were interviewed and confirmed no anomalies.

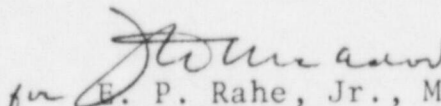
Packages in storage containing the other UVTAs in the same lot which had not been shipped were opened and inspection revealed no abnormalities. Two other UVTAs which were received at the Kewaunee site in the same shipment with the UVTA that malfunctioned also revealed no abnormalities upon examination.

No authorization for rework was requested of Westinghouse by the utility.

Based upon these findings, we have concluded that (a) manufacture, inspection, storage and shipment of UVTAs in the lot containing the UVTA in question were performed according to controlled quality procedures and that the appropriate records were maintained; (b) the defective UVTA had been reworked utilizing used and outdated parts; (c) such rework did not occur while the UVTA was in the possession of Westinghouse as manufacturer or supplier. There is no evidence that the defect in this instance is generic nor are we aware of other instances where unauthorized rework of UVTAs has occurred.

If there are further questions concerning this matter, please contact Mr. C. G. Draughon of the Westinghouse Nuclear Safety Department at (412) 374-5761.

Very truly yours,


for E. P. Rahe, Jr., Manager
Nuclear Safety Department

JDM/1

cc: C. E. Rossi, NRC
G. F. Lanik, NRC
C. A. Schrock, WPS
J. S. Moore, W
J. L. Gallagher, W