

UNION ELECTRIC COMPANY

1901 GRATIOT STREET  
ST. LOUIS, MISSOURI

June 1, 1983

DONALD F. SCHNELL  
VICE PRESIDENT

MAILING ADDRESS:  
P. O. BOX 149  
ST. LOUIS, MISSOURI 63166

Mr. James G. Keppler, Director  
U. S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

ULNRC- 632

Dear Mr. Keppler:

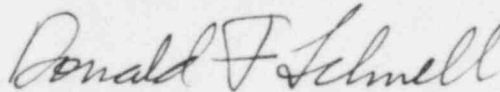
Final 10 CFR 50.55(e)/Part 21 Report No. U-53  
Callaway Plant Unit 1

On May 11, 1983 Union Electric advised you of a deficiency reportable under the requirements of 10 CFR 50.55(e)/Part 21 regarding the possibility of defective plastic molding utilized in circuit boards supplied to Union Electric by the Foxboro Company. The suspect moldings were utilized during the period May, 1981, (date code 2B8118) to July, 1982, (date code 2B8226). Foxboro's advisory stated that the damage, which cannot be detected by visual examination, would demonstrate itself in an identical manner to a blown fuse (loss of power). Fuse replacement, should the fault occur, would reveal a fracture or separation of the upper portion of the female jack pin.

Union Electric has determined that five circuit boards have been issued to the field for use in the Callaway Control Board with the suspect date codes. A search of the Union Electric warehouse yielded four of the boards which also contain the suspect date codes.

At the vendor's request Union Electric has removed the suspect components from the Control Boards and is returning them to the vendor's facilities for rework/replacement. The suspect components have been placed in the Union Electric warehouse and tagged for return to the vendor. Union Electric is reporting this item because these circuit boards are interchangeable and could be employed in safety-related applications in a variety of locations. Rather than performing a detailed analysis for reportability in all possible applications, we have decided to replace the boards because of their potential impact on components in the Callaway control board.

Very truly yours,

  
Donald F. Schnell

MHH/msc

cc: H. M. Wescott, Region III  
Richard DeYoung, Director I & E  
NRC Resident Inspector, Callaway Plant  
Missouri Public Service Commission

8306170279 830601  
PDR ADOCK 05000483  
S PDR

IE 27  
JUN 13 1983 110