

FINAL REPORT

CONTROL ROOM PANEL POTENTIALLY REPORTABLE DEFICIENCY NO. 78/04

I. Description of the Deficiency:

General Electric - CR2940 control switch assembly requires a locking ring which secures the switch in place on the benchboard face. An error in manufacturing documentation utilized to manufacture control room panels was responsible for the General Electric-CR2940 control switch to be installed without the locking ring. As a result, the entire switch body may rotate rather than the operator portion of the switch, thereby preventing the switch function.

II. Safety Implications:

General Electric - CR2940 control switches are utilized for safety related manual control functions. The omission of the locking ring from the switches could delay manual operation during an analyzed plant event such that technical specification limits could be exceeded.

Although this deficiency is legally reportable, a significant safety hazard does not exist. The only panels which General Electric has already shipped that use CR2940 handswitches in safety related applications are 1H13-P870, 1H13-P870, and 1H13-P872. The only safety function on these panels requiring operator action is initiation of hydrogen recombiners following an accident. However, the recombiners are not required until several days after an accident, and the plant staff would have adequate time to make associated control switches operable before safety limits were exceeded.

III. Corrective Action Taken:

The manufacturing documentation has been revised to assure installation with the locking rings on control panels for Unit 2. The control panels for Unit 1 have already been supplied to the site. Locking rings, installation tools and correct installation instructions have been provided for on-site installation.

General Electric's Control and Instrumentation Department, the designer and manufacturer of these systems has implemented changes to its Quality Assurance Program to prevent similar occurrences. Additional details of the corrective action taken will be documented in General Electric Field Deviation Instruction WAEG.

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