



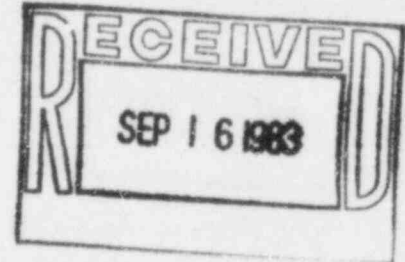
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September 9, 1983

W3I83-0307
Q-3-A35.07.87

Mr. John T. Collins
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012



SUBJECT: Waterford SES Unit No. 3
Docket No. 50-382
Significant Construction Deficiency No. 87
"GE 480V Breakers AKR-4A-50, Wiring Error"
First Interim Report

REFERENCE: Telecon Between W. J. Baldwin (LP&L) and W. A. Crossman (NRC)
on August 16, 1983

Dear Mr. Collins:

In accordance with 10 CFR 50.55(e), attached are two copies of the interim response to Significant Construction Deficiency No. 87, "GE 480V Breakers AKR-4A-50, Wiring Error." This item was previously identified as PKD No. 122.

Very truly yours,

F. J. Drummond
Nuclear Services Manager

- cc: 1) Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555
- 2) Director
Office of Management
Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

- 3) Mr. E. L. Elake
- 4) Mr. W. M. Stevenson

INTERIM REPORT OF
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 87
"GE 480V BREAKERS AKR-4A-50, WIRING ERROR"

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). It describes a wiring error identified in GE 480V breakers.

To the best of our knowledge this deficiency has not been reported to the USNRC pursuant to 10CFR21.

DESCRIPTION

It has been determined that the GE factory wiring for 480V breakers (AKR-4A-50) located in safety and nonsafety related switchgear is not in accordance with the manufacturer's control wiring diagram. A jumper wire was installed by the vendor between the breaker's 52X contacts and the 52W coil causing the closing circuit to open prematurely by the early energization of the 52W antipump coil.

SAFETY IMPLICATIONS

If left uncorrected, the breakers may fail to close thereby inhibiting actuation of safety related loads required to mitigate the consequences of an accident.

CORRECTIVE ACTION TAKEN

The breakers' internal wiring was checked by a GE Service Representative who verified that the jumper wire needed to be removed for proper breaker operation. NCR-W3-6566 was initiated to track and document the removal of the jumper wire.

An update or Final Report will be submitted by December 6, 1983.