



**LOUISIANA**  
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January 9, 1984

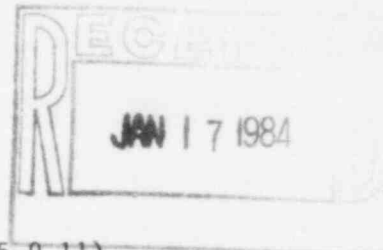
W3K84-0053  
Q-3-A35.07.91

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

REFERENCE: LP&L letter W3K83-1784 dated November 16, 1983

Dear Mr. Collins:

SUBJECT: Waterford SES Unit No. 3  
Docket No. 50-382  
Significant Construction Deficiency No. 91  
"GE AKR-30/AKR-50 Circuit Breakers (Service Advice 175-9.11)  
Final Report



In accordance with 10CFR50.55(e), we are hereby providing two copies of the Final Report of Significant Construction Deficiency No. 91, "GE AKR-30/AKR-50 Circuit Breakers (Service Advice 175-9.11)."

If you have any questions, please advise.

Very truly yours,

*T. F. Gerrets*  
T. F. Gerrets  
Quality Assurance Manager

TFG:CNH:VBR

cc: Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555  
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Mr. John T. Collins

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FINAL REPORT OF  
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 91  
"GE AKR-30/AKR-50 CIRCUIT BREAKERS (SERVICE ADVICE 175-9.11)"

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). It describes a condition that existed at Waterford SES Unit No. 3 relative to G.E. Safety-Related AKR-30 and AKR-50 circuit breakers which may fail to close upon command. (Service Advice 175-9.11).

This deficiency has been reported to the USNKC pursuant to 10CFR21, by General Electric Company, Atlanta, Georgia.

DESCRIPTION

The service advisory covered G.E. electrically operated AKR-30 and AKR-50 circuit breakers manufactured before May 1980 which were thought to contain defective switch(es) and improperly heat treated part(s). [This deficiency could result in failure of safety related circuit breakers to close on command.]

SAFETY IMPLICATIONS

The G.E. AKR-30 and AKR-50 circuit breakers supply safety-related loads. If the circuit breakers failed to close on command, the safe operation and shutdown of the plant could be compromised, if left uncorrected.

CORRECTIVE ACTION TAKEN

NCR-W3-7144 was initiated to replace all potentially improperly heat treated parts and defective switches installed on AKR-30 and AKR-50 circuit breakers.

A total of 85 breakers were received on site, one was returned to the vendor. The corrective action has been completed on 85 breakers, the NCR has been closed, and supporting documentation has been verified.

This report is submitted as the Final Report.