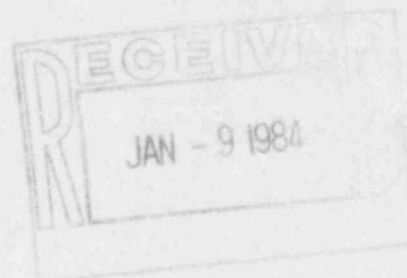


LOUISIANA
POWER & LIGHT

142 DELARONDE STREET
P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

January 3, 1984

W3K84-0003
Q-3-A35.07.89



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 W3K83-1310 dated October 7, 1983

Dear Mr. Collins:

SUBJECT: Waterford SES Unit No. 3
Docket No. 50-392
Significant Construction Deficiency No. 89
"G.E. AK50/AK30 Switchgear Breakers Camshaft Bearing Retaining Ring"
Final Report

In accordance with the requirement of 10CFR50.55(e), we are hereby providing two copies of the Final Report of Significant Construction Deficiency No. 89, "G.E. AK50/AK30 Switchgear Breakers Camshaft Bearings Retaining Rings".

If you have any questions, please advise.

Very truly yours,

T. F. Gerrets
Quality Assurance Manager

TFG:CNH:VBR

cc: Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555
(15 copies)

8401130316 840103
PDR ADOCK 05000382
S PDR

IE-27

11

Mr. John T. Collins

January 3, 1984

W3K84-0003

Page 2

cc: Director
Office of Management
Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. E. L. Blake
Shaw, Pittman, Potts, & Trowbridge
1800 M Street, N.W.
Washington, D.C. 20036

Mr. W. M. Stevenson
Monroe & Lemann
1424 Whitney Building
New Orleans, Louisiana 70130

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

INTERIM REPORT OF
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 89
"G.E. AK50/AK30 SWITCHGEAR BREAKERS CAMSHAFT
BEARING RETAINING RING"

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). It describes a deficiency that existed in the 480 volt switchgear breakers supplied by General Electric. This problem is considered reportable under the requirements of 10CFR50.55(e).

To the best of our knowledge, this problem has not been identified to the Nuclear Regulatory Commission pursuant to 10CFR21.

DESCRIPTION

During routine operation of a safety-related 480 volt switchgear breaker it failed to close when required. The problem was traced to bearings on the closing spring camshaft which slid out of the breaker housing and caused shaft misalignment. The misaligned shaft placed the closing spring in a position which prevented it from pulling the breaker closed. Subsequent inspection revealed other breakers with the same deficiency.

SAFETY IMPLICATIONS

If left uncorrected, failure of the 480 volt breakers to close could prevent operation of safety related equipment required for safe shutdown of the plant.

CORRECTIVE ACTION

Nonconformance Report No. W3-6766 was initiated to track and document this deficiency.

General Electric has provided a modification procedure and parts for permanent corrective action. This consisted of a steel collar-type plate bolted to the breaker housing which keeps the bearing from moving out. This corrective action has been performed on all breakers. NCR-W3-6766 has been closed and verified.

This report is submitted as the Final Report.