



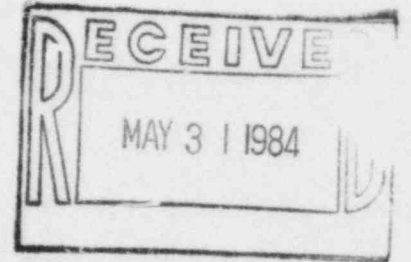
**LOUISIANA
POWER & LIGHT**

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

May 28, 1984

W3K84-1259
Q-3-A35.07.102

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 W3K84-1138 dated May 11, 1984

Dear Mr. Collins:

SUBJECT: Waterford SES Unit No. 3
Docket No. 50-382
Significant Construction Deficiency No. 102
"Failure to Install Dowels and Shear Blocks"
Final Report

In accordance with the requirements of 10CFR50.55(e), we are hereby providing two copies of the Final Report of Significant Construction Deficiency No. 102, "Failure to Install Dowels and Shear Blocks".

If you have any questions, please advise.

Very truly yours,

T. F. Gerrets

T. F. Gerrets
Corporate Quality Assurance Manager

TFG:CNH:VBR

Attachment

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

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Mr. John T. Collins

May 28, 1984

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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

Mr. W. A. Cross
7910 Woodmont Avenue
Suite 1200
Bethesda, Maryland 20814

FINAL REPORT OF
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 102
"FAILURE TO INSTALL DOWELS AND SHEAR BLOCKS"

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). It describes the problem of not installing dowels and/or shear blocks on the emergency feedwater pumps, motors, turbine, and the emergency diesel generators.

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

DESCRIPTION

Through an internal design review around February 7, 1984, it was discovered that the dowels and/or shear blocks required by vendor's seismic analysis had not yet been installed on the emergency feedwater pumps, motors, turbine, and the emergency diesel generators.

SAFETY EVALUATION

These dowels and/or shear blocks are required by the vendor's seismic analysis, which is available in the Seismic Qualification Review files. We believe that this event is reportable because there is no assurance that this equipment would have performed its required safety function following a design basis earthquake without the installation of these dowels and/or shear blocks.

CORRECTIVE ACTION

A review of safety related pumps and rotating machinery was conducted pertaining to the vendor's seismic analysis. The only exceptions to these analyses is on the emergency diesel generator and emergency feedwater pumps, motors, and turbines. Installation of the dowels and shear blocks for the emergency diesel generators was completed per Condition Identification and Work Authorization (CIWA) No. 840443 (replaced 840838) and 841901. Installation of the dowels and shear blocks for the emergency feedwater pumps, motors, and turbines was completed per CIWA 840839. Engineering and Quality Assurance has reviewed all the supporting documentation.

This report is submitted as the Final Report.