



LOUISIANA
POWER & LIGHT

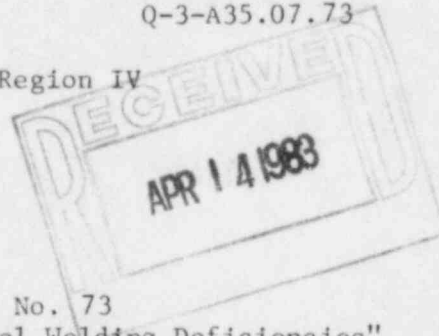
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April 11, 1983

L. V. MAURIN
Vice President Nuclear Operations

W3I83-0112
Q-3-A35.07.73

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. 73
"American Bridge RCB Structural Steel Welding Deficiencies"

Reference: Telecon from M.A. Livesay to J. Boardman on March 11, 1983

Dear Mr. Collins,

In accordance with the requirements of 10CFR50.55(e), we are hereby providing two copies of the Interim Report of Significant Construction Deficiency No. 73.

If you have any questions, please advise.

Very truly yours,

L. V. Maurin

LVM/MAL:keh

Attachment

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. Blake

4) Mr. W. M. Stevenson

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INTERIM REPORT OF
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 73
AMERICAN BRIDGE RCB STRUCTURE STEEL WELDING DEFICIENCIES

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). This report describes RCB structural steel welding concerns. This problem is considered reportable under the requirements of 10CFR50.55(e).

To the best of our knowledge it has not been reported pursuant to 10CFR21.

DESCRIPTION

During record reviews and surveillance inspections of American Bridge structural welds in the Reactor Containment Building, several welding concerns were discovered. These concerns include insufficient weld size, cold lap, undercut, improper contour, weld spatter, unauthorized tack welds, improper fit-up of shear plate and porosity. Ongoing inspection and record review results are expected to be evaluated by Ebasco Engineering within the next 30 days. (American Bridge demobilized from site in 1981.)

SAFETY IMPLICATIONS

Some of the welds in question were made on structural steel that supports or ties into safety related systems. Failure of these welds could result in possible degradation of these safety systems.

CORRECTIVE ACTION TAKEN

Nonconformance Report W3-5805 was initiated to track and document this deficiency. An update or final report will be submitted May 20, 1983.

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