



LOUISIANA
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July 6, 1982

G. D. McLendon
Senior Vice President

W3K-82-0389
Q-3-A35.07.56

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
Interim Report of Significant Construction Deficiency No. 56
"RCB Liner Plate Nuclear Coatings Failure"

Reference: LP&L Letter W3K82-0308 Dated June 2, 1982

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. 56, "RCB Liner Plate Nuclear Coatings Failure."

If you have any questions, please advise.

Very truly yours,

Attachment

- cc: 1) Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
(with 15 copies of report)
- 2) Director
Office of Management
Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555
(with 1 copy of report)

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LOUISIANA POWER & LIGHT COMPANY

WATERFORD SES UNIT NO. 3

Interim Report of
Significant Construction Deficiency No. 56

"RCB LINER PLATE NUCLEAR COATINGS FAILURE"

Reviewed by *R. J. Milkiser* 7/2/82
R. J. Milkiser - Site Manager Date

Reviewed by *J. L. Wills* 7/2/82
J. L. Wills - Project Superintendent Date

Reviewed by *Per Telecon* 7-2-82
J. Hart - Project Licensing Engineer Date

Reviewed by *John DeBruin* 7/2/82
J. DeBruin - ESSE Project Engineer Date

Reviewed by *J. Gutierrez* 7-2-82
J. Gutierrez - Q. A. Site Supervisor Date

July 1, 1982

INTERIM REPORT OF SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 56
"RCB LINER PLATE NUCLEAR COATINGS FAILURE"

INTRODUCTION

This interim report is submitted pursuant to 10 CFR 50.55 (e) and describes a deficiency pertaining to the nuclear coatings application to the Reactor Containment Building Liner Plate. This problem is considered reportable under the requirements of 10 CFR 50.55 (e). To the best of our knowledge, this problem has not been identified to the Nuclear Regulatory Commission pursuant to 10 CFR 21.

DESCRIPTION OF PROBLEM

The coating problem was identified to Ebasco Corrosion Engineering and the coating manufacturer representative in July of 1981. At this time an inspection of the walls and dome was conducted by the two aforementioned parties. Other Ebasco Construction, Q.A. and LP&L personnel accompanied on a part time-basis.

At first it was believed that approximately 5% of the RCB liner plate would require coating repair and touch-up. After this determination Ebasco engineering personnel began an intense visual inspection of the entire liner plate. The inspection criteria consisted of marking in red the areas that exhibited any one of the criteria stated below:

- a) runs and sags
- b) pin-hole rusting
- c) embedded particles
- d) flaking or peeling

After the inspection had been made and all areas marked, it appeared that more than 5% of the liner plate was suspect relative to coatings. As a result of the inspection results, Ebasco initiated a nonconformance report describing the severity of the conditions previously stated.

SAFETY EVALUATION

The Corrosion Engineering Department along with an independent coatings testing agency developed an in-situ DBA test-box to determine if the major portion of the coating defects on the liner plate is acceptable. Until the results of the test are reported, the safety implications cannot be accurately reported.

CORRECTIVE ACTION

The Ebasco Corrosion Engineering Department has delineated through attachments to Ebasco non-conformance report W3-3648 what measures are to be taken for the types of defects previously mentioned. Additionally, the results of the in-situ DBA testing will supplement the directives provided.

It is anticipated that the test results should be submitted by July 23, 1982. Based on the test results, final corrective action should be complete by October 1, 1982.

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