



LOUISIANA
POWER & LIGHT

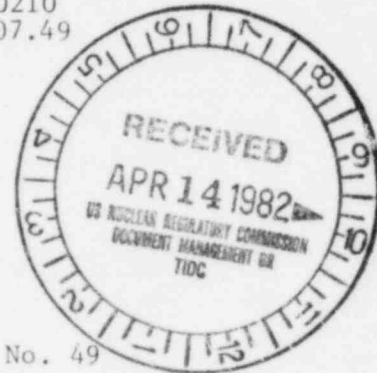
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P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

April 8, 1982

G. D. McLendon
Senior Vice President

W3K-82- 0210
Q-3-A35.07.49

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. 49
"Time-Trol, Inc., Heat Trace Panel Malfunctions"

Reference: Telecon - R. Bennett (LP&L) to L. Martin (NRC) on March 10, 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. 49, "Time-Trol, Inc., Heat Trace Panel Malfunctions."

If you have any questions, please advise.

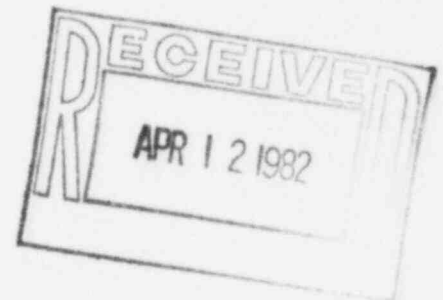
Very truly yours,

G. D. McLendon

GDMcL/LLB/grf

Attachment

- cc: 1) Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555
(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. 49

"Time-Trol, Inc., Heat Trace Panel Malfunctions"

Reviewed by *R. J. Milhiser* *4/1/82*
R. J. Milhiser - Site Manager Date

Reviewed by *J. L. Wills* *4/1/82*
J. L. Wills - Project Superintendent Date

Reviewed by *Barry L. Hart* *4-1-82*
J. Hart - Project Licensing Engineer Date

Reviewed by *W. Yaeger* *4-1-82*
W. Yaeger - Sr. Resident Engineer Date

Reviewed by *Barry L. Gutierrez* *4-1-82*
J. Gutierrez - Q. A. Site Supervisor Date

March 31, 1982

INTERIM REPORT OF
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 49
"TIME-TROL, INC., HEAT TRACE PANEL MALFUNCTIONS"

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). It describes deficiencies in electrical control panels provided by Time-Trol, Inc. The panels are for control of heat tracing. This problem is considered reportable under the requirements of 10CFR50.55(e). This problem was reported to the Nuclear Regulatory Commission by Raychem Corporation pursuant to 10CFR21.

DESCRIPTION OF PROBLEM

On March 9, 1982, a Part 21 report was received advising that the Raychem Corporation had determined that certain problems exist with electrical control panels provided by Time-Trol, Inc. The panels are used in heat tracing systems. The problems are: voltage regulator malfunctions, relay chatter, and differences between the panel that was tested and the panel which was shipped. It has been determined that Waterford SES Unit No. 3 has installed two Time-Trol panels on safety-related systems.

SAFETY IMPLICATIONS

The subject panels provide control for heat tracing installed on Boric Acid Make-Up Tanks A and B to Volume Control Tank inter-connecting piping. The failure of panels would result in unavailability of heat tracing of the piping when called for. If left uncorrected, this deviation would adversely affect the reactivity control capability of the plant.

CORRECTIVE ACTION

Nonconformance Report W3-3548 has been initiated. Raychem Corporation has been requested to furnish a disposition. There is, at present, no firm assessment of the extent of the deficiency at Waterford SES Unit No. 3. It is anticipated at this time that a completion date can be established on or before April 30, 1982, at which time an Interim Status Report will be submitted to the USNRC.