



LOUISIANA
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March 9, 1983

L. V. MAURIN
Vice President Nuclear Operations

W3P83-0706
3-N23
Q-3-A114

Director of Nuclear Reactor Regulation
Attention: Mr. George W. Knighton
Chief, Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Docket No. 50-382
Louisiana Power & Light Company
Waterford-3 SES
Emergency Feedwater System
Independent Design Verification

Dear Mr. Knighton:

In our meeting with the Nuclear Regulatory Commission (NRC) on August 26, 1982, we presented our approach regarding the Independent Design Verification Program that we planned to implement for the Waterford-3 Steam Electric Station (SES). This program was instituted to give us additional assurance, to that provided by our in place and ongoing quality assurance program, that Waterford-3 SES had in fact been properly managed, designed and constructed. During the design and construction of this plant, safety and quality have been our primary concern.

Notwithstanding our high level of confidence in the management, design, construction and high assurance of the Waterford-3 SES, Torrey Pines Technology (TPT) was retained to perform this independent review. The selection of TPT was based on its experience, technical qualifications and financial independence from Louisiana Power & Light and other participants in the management, design and construction of Waterford-3 SES.

This letter has been prepared to accompany the mailing of TPT's final report titled, "Independent Design Review of Waterford-3 SES Emergency Feed Water System", to the NRC. The program was carefully managed to maintain TPT's independence throughout, and the final report is being transmitted without the benefit of our review.

As a result of this independent design review, four "Findings" were identified in accordance with TPT's Potential Finding Report (PFR) evaluation method. LP&L has issued Corrective Action Plans (CAP) against these four Findings. These CAPs will be processed and dispositioned per our established procedures. In

Mr. George W. Knighton
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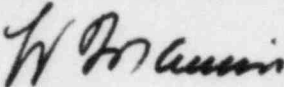
addition, we will also evaluate all of the twenty PFRs which were classified as "Observation" and appropriately disposition them in accordance with our established procedures. We also plan to evaluate all of the fourteen PFRs which were classified as "Invalid" to determine if any useful information or insights can be gained.

TPT will enclose four (4) copies of its three volume final report titled, "Independent Design Review of Waterford-3 SES Emergency Feedwater System", as follows:

Volume 1 Executive Summary
Volume 2 Program Results
Volume 3 Potential Finding Reports and Corrective Action Plans

We will be pleased to meet with you and your staff to discuss the results of the review.

Very truly yours,



L. V. Maurin

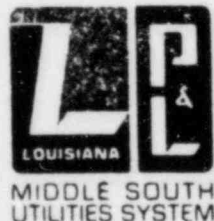
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GA-C16900

**INDEPENDENT DESIGN REVIEW OF
WATERFORD SES UNIT NO 3
EMERGENCY FEEDWATER SYSTEM**

**VOLUME 1
EXECUTIVE SUMMARY**

PREPARED FOR



**LOUISIANA
POWER & LIGHT**

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**GA PROJECT 2448
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