

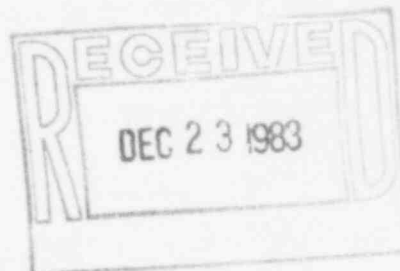


**LOUISIANA  
POWER & LIGHT**

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December 15, 1983

W3K83-1974  
Q-3-A35.07.92



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 W3K83-1680 dated October 31, 1983

Dear Mr. Collins:

SUBJECT: Waterford SES Unit No. 3  
Docket No. 50-382  
Significant Construction Deficiency No. 92  
"High Pressure Safety Injection System Performance"  
Second Interim Report

The above referenced letter indicated submittal of an Update or Final Report to the USNRC on December 15, 1983.

A retest of the HPSI pumps was performed with a CE Representative present. The test results indicated that HPSI pumps "A/B" and "B" performed in accordance with the manufacture's pump performance curves and were acceptable. However, the HPSI "A" pump delivery did not meet the manufacture's curve. An investigation of the failure of HPSI "A" pump to meet the design performance curve was performed at the Ingersoll-Rand plant in Baton Rouge. The investigation identified that the 5th, 7th, and 8th stage channel rings were out of specification. These were machined to specifications. Upon return of this pump, a retest of the performance will be performed.

An Update or Final Report will be submitted to the USNRC on February 1, 1984.

Very truly yours,

*T. F. Gerrets*  
T. F. Gerrets

Quality Assurance Manager

TFG:CNH:VBR

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cc: Director  
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U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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Information and Program Control  
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