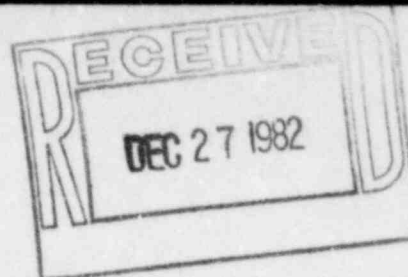




**LOUISIANA**  
**POWER & LIGHT**

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



L. V. MAURIN

December 21, 1982 Vice President Nuclear Operations

W3I82-0140

Q-3-A35.07.41

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. 41  
"Unapproved Welding"  
Final Report

REFERENCE: LP&L letter No. W3I82-0037 dated September 17, 1982

Dear Mr. Collins:

In accordance with the requirements of 10CFR50.55(e), we are hereby providing two copies of the Final Report of Significant Construction Deficiency No. 41, "Unapproved Welding."

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  
(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)
- 3) E. Blake
- 4) W. Stevenson

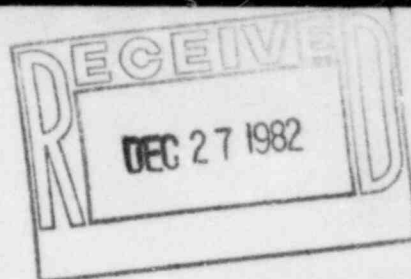
8212300288 821221  
PDR ADOCK 05000382  
S PDR

IE-27



**LOUISIANA  
POWER & LIGHT**

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



December 21, 1982 *L. V. MAURIN  
Vice President Nuclear Operations*

W3I82-0140  
Q-3-A35.07.41

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. 41  
"Unapproved Welding"  
Final Report

REFERENCE: LP&L letter No. W3I82-0037 dated September 17, 1982

Dear Mr. Collins:

In accordance with the requirements of 10CFR50.55(e), we are hereby providing two copies of the Final Report of Significant Construction Deficiency No. 41, "Unapproved Welding."

If you have any questions, please advise.

Very truly yours,

IE-27

L. V. Maurin

LVM/MAL:keh

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)
- 3) E. Blake
- 4) W. Stevenson

6212300288 821221  
PDR ADOCK 05000382  
S PDR

SAFETY IMPLICATIONS (cont'd)

An additional concern is the steam system piping failures have the potential to release significant amounts of radioactive material. This release in radioactive material, caused by primary-secondary leakage, presents a safety hazard.

NCR-W3-3206 - The same potential problem described in NCR-W3-3202 exists in this case. Failure could reduce feedwater flow to the steam generator, causing a reactor coolant system heatup. This RCS heatup has the potential to cause core damage. Therefore, if the defective welds are not properly removed, the safety of the plant could be adversely affected.

CORRECTIVE ACTION TAKEN

The "Unapproved Welding" per this Significant Construction Deficiency was identified, dispositioned and corrected per the three (3) following Non-conformance Reports:

1. NCR-W3-2971, Rev. 1: The twelve (12) attachment welds were removed and rewelded with approved procedures and personnel. The welds were examined and found acceptable. The NCR was reviewed, accepted and closed December 7, 1982.
2. NCR-W3-3202: The one (1) temporary attachment weld was removed and the base metal was repaired, examined and found acceptable. The NCR was reviewed, accepted and closed September 25, 1982.
3. NCR-W3-3206: The one (1) temporary attachment weld was removed and the base metal was repaired, examined and found acceptable. The NCR was reviewed, accepted and closed October 1, 1982.

This report is submitted as the Final Report.