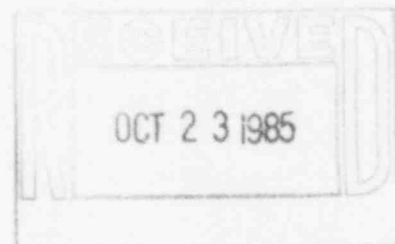


# The Light company

Houston Lighting & Power P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

October 18, 1985  
ST-HL-AE-1444  
File No.: G12.286

Mr. Robert D. Martin  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



South Texas Project  
Units 1 & 2  
Docket Nos. STN 50-498, STN 50-499  
First Interim Report Concerning  
Inspection of Structural Steel Installation

Dear Mr. Martin:

On September 20, 1985 pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P) notified your office of a potentially reportable item concerning inspection of structural steel installation. Attached is the first interim report. The next report will be submitted by December 20, 1985.

If you should have any questions on this matter, please contact Mr. M. E. Powell at (713) 993-1328.

Very truly yours,

*J. T. Weissman for*  
J. H. Goldberg  
Group Vice President, Nuclear

CAA/yd

Attachment: First Interim Report Concerning  
Inspection of Structural Steel Installation

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PDR ADOCK 05000498  
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Houston Lighting & Power Company

cc:

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U.S. Nuclear Regulatory Commission  
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Revised 9/25/85

South Texas Project  
Units 1 & 2  
Docket Nos. STN 50-498, STN 50-499  
First Interim Report Concerning  
Inspection of Structural Steel Installation

I. Summary

A number of concerns have been identified regarding the documentation of installation of structural steel bolted connections. The concerns are described below. An investigation is in progress to determine the extent of the documentation deficiency. Appropriate procedures have been clarified and inspectors are being retrained. No safety hazards have been identified to date.

II. Description of Deficiency

Based upon a Quality Assurance (QA) surveillance and a subsequent QA audit, a number of concerns have been identified regarding the documentation of the installation of structural steel bolted connections. The types of deficiencies which have been identified relate to erection and boltup inspection reports and are itemized as follows:

- A. Some reports are not properly filled out/processed, for example:
  - o do not indicate inspector
  - o do not indicate accept/reject status
  - o do not have final review performed
  - o do not have inspection report numbers assigned
  - o do not reference appropriate design drawings
  - o lack accurate detailed location description
  - o not apparent that rework/corrections are documented
  - o reports are duplicated for same item
  - o reports are not transmitted to the records group in a timely manner
- B. Mapping of inspections on structural steel drawings in many cases was either inadequate or incomplete, and
- C. Acceptance of some bolted connections was apparently not documented on inspection reports.

III. Corrective Action

An investigation is in progress to determine the extent of the documentation deficiencies in regard to structural steel erection. A thorough review of inspection documentation on structural steel erection is currently being performed.

IV. Recurrence Control

The appropriate procedures have been clarified and the Quality Control inspectors will be retrained by October 23, 1985 to ensure strict conformance to procedural requirements.

V. Safety Analysis

Although the violations represent noncompliances with the established procedures, no specific hardware inadequacies have been identified. As a result, no safety hazards have been identified to date.