

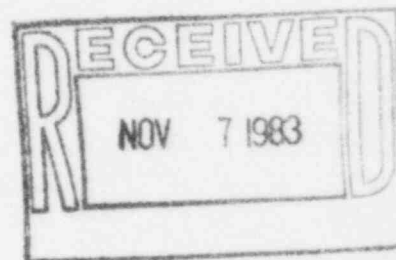
# The Light company

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DMB

November 1, 1983  
ST-HL-AE-1019  
File No.: G9.11/Q1.7

Mr. John T. Collins  
Regional Administrator, Region IV  
Nuclear Regulatory Commission  
611 Ryan Plaza Dr., Suite 1000  
Arlington, Texas 76012



Dear Mr. Collins:

South Texas Project  
Units 1 & 2  
Docket Nos. STN 50-498, STN 50-499  
Quality Assurance Program  
for the Design and Construction Phase  
of the South Texas Project

Attached is Revision 5 of the Quality Assurance Program Description (QAPD) for the design and construction phase of the South Texas Project (STP). This revision is being submitted in accordance with the requirements of 10CFR50.55(f)(3).

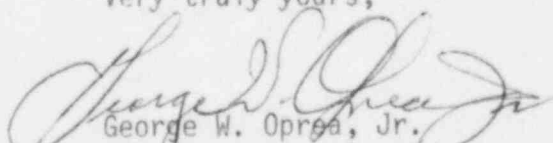
Included in this submittal are replacement pages for Part A, Houston Lighting & Power Company QAPD for the STP; Part B, Bechtel Energy Corporation QAPD for the STP; and Part C, Ebasco Services, Incorporated QAPD for the STP.

These changes do not reduce the commitments contained in Revision 4, submitted on May 18, 1983. The revised QAPD continues to satisfy the criteria of 10CFR50, Appendix B. Attached is a more detailed description of the changes, including the basis for concluding that the previous commitments have not been reduced.

Copies of Revision 5 to the QAPD are also being submitted to the NRC Resident Inspector at the South Texas Project site and to the NRC Document Control Desk as required by 10CFR50.55(f)(3)(i).

If you have any questions, please contact Mr. Michael E. Powell at 713/993-1328.

Very truly yours,

  
George W. Oprea, Jr.  
Executive Vice President

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1/1

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Revision Date 10-10-83

Quality Assurance Program Description  
for the  
Design and Construction  
of the  
South Texas Project  
Revision 5

Principal Changes

Part A, Houston Lighting & Power Company (HL&P QAPD)

Revision to define the certification requirements of HL&P Vendor Surveillance personnel:

Pages 1 and 9 of Table 1 have been revised to reflect HL&P Vendor Surveillance compliance with ANSI N45.2.6-1978 and R.G. 1.58 (Rev. 1, 9/80) in their entirety in lieu of portions of ANSI N45.2.6-1973 and R.G. 1.58 (Rev. 0, 8/73). HL&P Vendor Surveillance is involved with the start-up/operations phase of the project. Therefore, in order to maintain consistency with the Operational QA Program, they are committed to R.G. 1.58, Revision 1, as detailed in the FSAR, Paragraph 17.2.2.1. Since ANSI N45.2.6-1978 is endorsed by the NRC, this revision does not reduce the quality program commitments contained in Revision 4 of the QAPD.

Revision to clarify the requirements for material traceability:

Page 20 has been revised to clarify the requirements for material traceability, currently described in Revision 4 of the QAPD. This clarification is submitted as part of the correction actions to be taken in response to Notice of Violation 50-498/83-17; 50-499/83-17 (Ref. Correspondence ST-HL-AE-1016); this is not a reduction in commitment.

Part B, Bechtel QAPD for South Texas Project

Revision to reflect the consolidation of Field Engineering and Resident Engineering within Project Engineering:

- Bechtel has consolidated the site engineering activities which encompass the functional and quality-related responsibilities previously assigned to Field Engineering and Resident Engineering. Engineering personnel located at the site are part of Bechtel Project Engineering and report to the Project Engineering Manager. All changes identified in Revision 5 (with the exception of Paragraph 1.6.4, page 5 of the South Texas Project Addenda) reflect this assignment of responsibilities. This change to the organization was made to allow more effective use of personnel; these revisions do not reduce the commitments made in Revision 4 of the QAPD.

Revision to clarify the reporting relationship of the Project Procurement Manager:

Page 5 of the South Texas Project addenda, Paragraph 1.6.4, is a clarification of the reporting relationship of the Project Procurement Manager as contained in Revision 4 of the QAPD, Part B. There is no reduction in commitment.

Part C, Ebasco Nuclear Quality Assurance Program  
for South Texas Project

Revision to reflect updated listing of implementing procedures:

Section QA-I-1, pages 8 and 13-20, reflect an updated listing of Ebasco's principal implementing procedures for the South Texas Project. There is no reduction in commitment.

Revision to reflect addition of Project Superintendent:

Section QA-I-2, page 10 and Figure I-2.4 reflect the addition of the Project Superintendent. This position reports to the Site Manager, and provides for increased effectiveness of managerial positions by decreasing the number of personnel reporting directly to the Site Manager and Construction Manager. Additional organizational changes were made to reflect this new position, pages 10-12 and Figures I-2.4 and I-2.9. These changes are not a reduction in commitment.

Clarification of text to agree with Figure I-2.4:

Section QA-I-2, page 10, Paragraph 4.6, clarifies the discrepancy between paragraph 4.5 (Rev. 4, QAPD) and Figure I-2.4 with respect to stop work authority for Assistant Superintendents. Per the Ebasco Topical Report, ETR-1001, Revision 11, dated June 18, 1982, stop work authority does not extend below Project Superintendent level. On STP, stop work authority extends one level lower to the Unit Superintendents. This is a correction to the QAPD and does not reduce commitments made in Revision 4 of the QAPD.

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NOTE:

These replacement pages contain change bars for both Revision 4 and Revision 5. This will aid the NRC in the review of the South Texas Project Quality Assurance Program Description since review of Revision 4 has not yet been completed.

INSTRUCTIONS FOR INCORPORATING  
REVISION 5 INTO THE  
QUALITY ASSURANCE PROGRAM DESCRIPTION

Part A

Remove Pages

Part A Cover Sheet (Rev. 4)  
20  
Table 1-1  
Table 1-9

Insert Pages

Part A Cover Sheet (Rev. 5)  
20  
Table 1-1  
Table 1-9

Part B

Part B Cover Sheet (Rev. 4)  
1 - 7  
Figure 11, Page 8  
Attachment A, Page 1 of 1

Part B Cover Sheet (Rev. 5)  
1 - 9  
Figure 11, Page 10 of 10  
Attachment A, Page 1 of 1

Part C

Part C Cover Sheet (Rev. 4)  
QA-I-1: Table of Contents,  
pgs. 1 - 2  
QA-I-1: Pages 1 - 20  
QA-I-2: Pages 1 - 12  
Figure I-2.4  
Figure I-2.9

Part C Cover Sheet (Rev. 5)  
QA-I-1: Table of Contents,  
pgs. 1 - 2  
QA-I-1: Pages 1 - 20  
QA-I-2: Pages 1 - 13  
Figure I-2.4  
Figure I-2.9