

December 31, 1984
ST-HL-AE-1161
File Number: G9.2

Mr. Harold Denton
Office of Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Final Safety Analysis Report Amendment 43

Please find, under separate cover, sixty copies of Amendment 43 to the South Texas Project (STP) Units 1 and 2 Final Safety Analysis Report (FSAR). A copy of this transmittal is attached to each amendment copy.

Amendment 43 revises the FSAR to incorporate the following:

1. Revised general arrangement drawings for Section 1.2;
2. General Update to FSAR Sections 2.4, 2.5.4, 3.9.2, Table 3.11-1, 7.1, 7.2, 7.3, 7.6, 8.3, 9.2, 15.0, 15.1, 15.2, 15.3, 15.4, 15.7, 15.A and 15.B;
3. Revised and/or new failure modes and effects analyses for the Containment Heat Removal System (Table 6.2.2-3), Containment Isolation (Table 6.2.4-1), Class 1E DC System (Table 8.3-5), Class 1E AC System (Table 8.3-9), Class 1E Vital 120 VAC System (Table 8.3-13), Essential Cooling Water System (Table 9.2.1-2) and the Standby Diesel Generator System (Table 9.5.5-2);
4. Revised responses to NRC questions; and
5. Miscellaneous FSAR text revisions and editorial changes.

As identified in the Licensing Schedule that was submitted by letter dated May 17, 1983, note that the revisions identified in items (1), (2) and (3) above include essential information necessary for the NRC staff to complete its technical review and prepare partial SER's.

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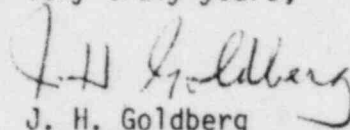
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Houston Lighting & Power Company

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If you have any questions concerning this submittal, please contact Mr. Michael E. Powell at (713) 993-1328.

Very truly yours,



J. H. Goldberg
Vice President
Nuclear Engineering and Construction

MEP/aa
Attachment: FSAR Amendment 43

cc:

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Brazoria, TX 77422

Docketing & Service Section
Office of the Secretary
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Before the
United States Nuclear Regulatory Commission
Docket Nos. STN 50-498, STN 50-499
Houston Lighting & Power Company, et al.
South Texas Project Units 1 & 2
Amendment 43

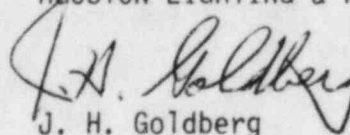
Houston Lighting & Power Company, an applicant in the above captioned proceeding, for itself and for the City of San Antonio, Central Power and Light Company and the City of Austin, hereby files Amendment 43 to the Final Safety Analysis Report.

Amendment 43 revises the FSAR to incorporate the following:

1. Revised general arrangement drawings for Section 1.2;
2. General Update to FSAR Sections 2.4, 2.5.4, 3.9.2, Table 3.11-1, 7.1, 7.2, 7.3, 7.6, 8.3, 9.2, 15.0, 15.1, 15.2, 15.3, 15.4, 15.7, 15.A and 15.B;
3. Revised and/or new failure modes and effects analyses for the Containment Heat Removal System (Table 6.2.2-3), Containment Isolation (Table 6.2.4-1), Class 1E DC System (Table 8.3-5), Class 1E AC System (Table 8.3-9), Class 1E Vital 120 VAC System (Table 8.3-13), Essential Cooling Water System (Table 9.2.1-2) and the Standby Diesel Generator System (Table 9.5.5-2);
4. Revised responses to NRC questions; and
5. Miscellaneous FSAR test revisions and editorial changes.

Respectfully submitted,

HOUSTON LIGHTING & POWER COMPANY



J. H. Goldberg
Vice President
Nuclear Engineering and Construction

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter

Houston Lighting & Power
Company, et al.,

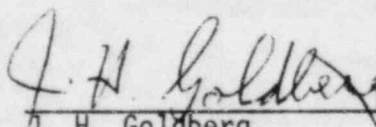
South Texas Project
Units 1 and 2

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Docket Nos. 50-498
50-499

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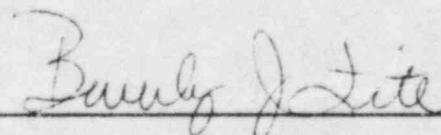
J. H. Goldberg being duly sworn, hereby deposes and says that he is Vice President Nuclear Engineering and Construction of Houston Lighting & Power Company; that he is duly authorized to sign and file with the Nuclear Regulatory Commission the attached Amendment 43 to the STP FSAR; that he is familiar with the content thereof; and that the matters set forth therein are true and correct to the best of his knowledge and belief.



J. H. Goldberg
Vice President
Nuclear Engineering and Construction

STATE OF TEXAS §
§
COUNTY OF HARRIS §

Subscribed and sworn to before me, a Notary Public in and for Harris County, Texas this 31st day of December, 1984.



Notary Public in and for the
State of Texas

My commission expires:
BEVERLY J. FITE
Notary Public, State of Texas
My Commission Expires 10/23/84