

# The Light company

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

August 19, 1985  
ST-HL-AE-1318  
File No.: G9.2

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

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

Dear Mr. Denton:

Please find, under separate cover, sixty copies of Amendment 50 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 50 revises the FSAR to incorporate the following:

1. Responses to NRC Questions resulting from Mechanical Engineering Branch Audit, 210.18N through 210.65N; and
2. Revised plant site information including updated population data for the surrounding area as well as updated atmospheric dispersion factors and wind frequency distribution data.

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

Very truly yours,

*J. H. Goldberg*

J. H. Goldberg  
Group Vice President, Nuclear

JSP/as

Attachments: FSAR Amendment 50

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cc:

Hugh L. Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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Regional Administrator, Region IV  
Nuclear Regulatory Commission  
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Hearing Attorney  
Office of the Executive Legal Director  
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Charles Bechhoefer, Esquire  
Chairman, Atomic Safety & Licensing Board  
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Dr. James C. Lamb, III  
313 Woodhaven Road  
Chapel Hill, NC 27514

Judge Frederick J. Shon  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
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Austin, TX 78701

Citizens for Equitable Utilities, Inc.  
c/o Ms. Peggy Buchorn  
Route 1, Box 1684  
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 50

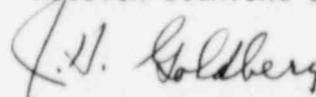
Houston Lighting & Power Company, an applicant in the above captioned proceeding, for itself and for the City of San Antonio, Central Power and Light Company and the City of Austin, hereby files Amendment 50 to the Final Safety Analysis Report.

Amendment 50 revises the FSAR to incorporate the following:

1. Responses to NRC Questions resulting from Mechanical Engineering Branch Audit, 210.18N through 210.65N; and
2. Revised plant site information including updated population data for the surrounding area as well as updated atmospheric dispersion factors and wind frequency distribution data.

Respectfully submitted,

HOUSTON LIGHTING & POWER COMPANY



J. H. Goldberg  
Group Vice President, Nuclear

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter

Houston Lighting & Power  
Company, et al.,

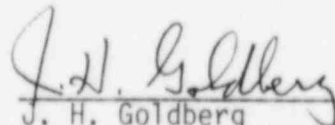
South Texas Project  
Units 1 and 2

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Docket Nos. 50-498  
50-499

AFFIDAVIT

J. H. Goldberg being duly sworn, hereby deposes and says that he is Group Vice President, Nuclear of Houston Lighting & Power Company; that he is duly authorized to sign and file with the Nuclear Regulatory Commission the attached Amendment 50 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.

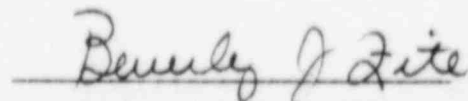
  
J. H. Goldberg  
Group Vice President, Nuclear

STATE OF TEXAS §  
§  
COUNTY OF HARRIS §

Subscribed and sworn to before me, a Notary Public in and for Harris County, Texas this 19<sup>th</sup> day of August, 1985.



BEVERLY J. FITE  
Notary Public, State of Texas  
My Commission Expires 10/17/88

  
Notary Public in and for the  
State of Texas

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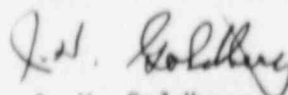
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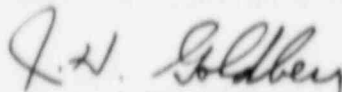
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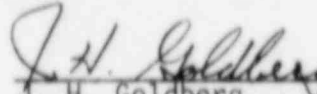
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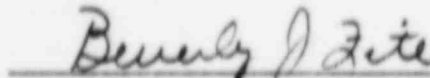
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Notary Public in and for the  
State of Texas

My Commission Expires 12/17/88