

# The Light company

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

November 29, 1984  
ST-HL-AE-1148  
File Number: G7.3

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

Dear Mr. Denton:

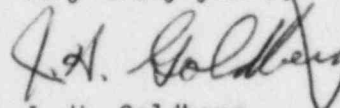
South Texas Project  
Units 1 & 2  
Docket Nos. STN 50-498, STN 50-499  
Final Environmental Statement  
Impingement/Entrainment Monitoring Program

The impingement and entrainment monitoring program for the South Texas Project Units 1 & 2, as specified in Section 6.1.3.2 and Appendix E of the Final Environmental Statement, consists of a two-phased study. Phase One, which was conducted in 1975 and 1976 prior to completion of the Reservoir Makeup Pumping Facility (RMPF), predicted annual rates of impingement and entrainment based on observed river flow rates during the study period. Phase Two, which began with initiation of cooling reservoir filling, will measure actual rates of impingement and entrainment.

The Final Environmental Statement specifies that the Applicant submit periodic reports describing the progress of the entrainment and impingement programs conducted during cooling reservoir filling operations. Please find attached five copies of the first of these reports, entitled "Report #1, Colorado River Entrainment and Impingement Monitoring Program, Phase Two Studies - July, 1983 - June, 1984". Beginning with the time period covering the last quarter of 1984, and within 90 days of each subsequent quarter, Houston Lighting & Power Company will submit quarterly reports on the progress of this monitoring program.

Please contact Mr. M. E. Powell (713-993-1328) with regard to any questions.

Very truly yours,



J. H. Goldberg  
Vice President  
Nuclear Engineering and Construction

8412110380 841129  
PDR ADOCK 05000498  
R PDR

SSD/sls

Attachment: Report #1, Colorado River Entrainment & Impingement Monitoring Program, Phase Two Studies, July, 1983 - June, 1984

cool  
1/2

CC:

Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Robert D. Martin  
Regional Administrator, Region IV  
Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76012

Victor Nerses, Project Manager  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, MD 20814

D. P. Tomlinson  
Resident Inspector/South Texas Project  
c/o U.S. Nuclear Regulatory Commission  
P. O. Box 910  
Bay City, TX 77414

Dan Carpenter  
Resident Inspector/South Texas Project  
c/o U.S. Nuclear Regulatory Commission  
P. O. Box 910  
Bay City, TX 77414

M. D. Schwarz, Jr., Esquire  
Baker & Botts  
One Shell Plaza  
Houston, TX 77002

J. R. Newman, Esquire  
Newman & Holtzinger, P.C.  
1615 L Street, N.W.  
Washington, DC 20036

Director, Office of Inspection  
and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

E. R. Brooks/R. L. Range  
Central Power & Light Company  
P. O. Box 2121  
Corpus Christi, TX 78403

H. L. Peterson/G. Pokorny  
City of Austin  
P. O. Box 1088  
Austin, TX 78767

J. B. Poston/A. vonRosenberg  
City Public Service Board  
P.O. Box 1771  
San Antonio, TX 78296

Brian E. Berwick, Esquire  
Assistant Attorney General for  
the State of Texas  
P. O. Box 12548, Capitol Station  
Austin, TX 78711

Lanny Sinkin  
Citizens Concerned About Nuclear Power  
114 W. 7th, Suite 220  
Austin, TX 78701

Robert G. Perlis, Esquire  
Hearing Attorney  
Office of the Executive Legal Director  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Charles Bechhoefer, Esquire  
Chairman, Atomic Safety & Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dr. James C. Lamb, III  
313 Woodhaven Road  
Chapel Hill, NC 27514

Judge Ernest E. Hill  
Hill Associates  
210 Montego Drive  
Danville, CA 94526

William S. Jordan, III, Esquire  
Harmon & Weiss  
1725 I Street, N.W.  
Suite 506  
Washington, DC 20006

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