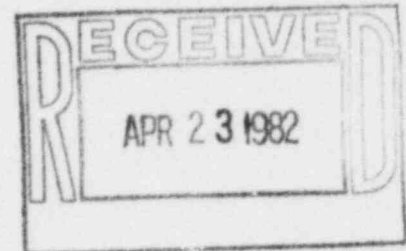


The Light company

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

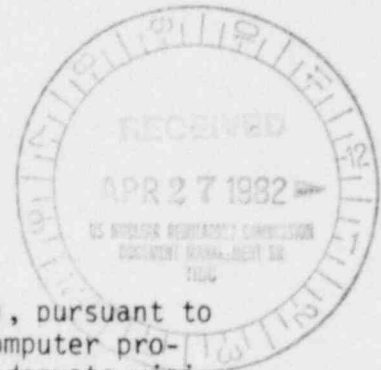
April 22, 1982
ST-HL-AE-819
SFN: V-0530



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
Fourth Interim Report
Concerning Computer Program Verification



On May 8, 1981, Houston Lighting & Power Company (HL&P), pursuant to 10CFR50.55(e), notified your office of an item concerning computer program (code) verification. The verification methods lacked adequate visibility to the user as to whether or not the program versions in use had been verified. The information supplied in this report represents our Fourth Interim Report concerning this item. This report was previously scheduled to be submitted to your office by June 1, 1982.

As previously discussed in our Third Interim Report, a consultant firm was engaged by Brown & Root, Inc. (B&R) to address the appropriateness of the modeling options, acceptability of code usage, and acceptability and adequacy of the methods selected for computer program verification. As a result of a review by BPC of B&R subcontract activities, BPC recommended that the consultant's work be terminated to avoid unnecessary duplication of BPC transition reviews of past B&R engineering work. Based on the BPC recommendation and additionally, in recognition that the consultant's scope of work was not dispositive of the computer program verification issue, HL&P directed B&R to terminate the consultant's work in December 1981 except for preparation of a report covering the work already accomplished. The consultant has prepared and submitted a report on the work completed prior to contract termination.

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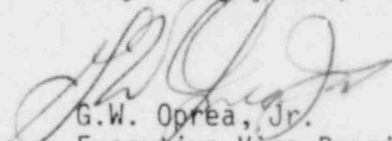
Houston Lighting & Power Company

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HL&P has provided BPC with a copy of the report for their use in review of B&R work as part of the transition work package effort. A copy of the consultant's report is retained in the HL&P files and is available for inspection by the Nuclear Regulatory Commission (NRC). The next report concerning this item will be submitted to your office by September 3, 1982.

If you should have any questions concerning this item, please contact Mr. Michael E. Powell at (713) 877-3281.

Very truly yours,



G.W. Oprea, Jr.
Executive Vice President

MEP/lmf

Houston Lighting & Power Company

cc: G. W. Oprea, Jr.

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STP RMS

Director, Office of Inspection & Enforcement

Nuclear Regulatory Commission

Washington, D. C. 20555

April 22, 1982

ST-HL-AE-819

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Revision Date 03-30-82