



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

RECEIVED
BROWN & ROOT INC.
JUN 9 1977
LICENSING DEPT.

JUN 8 1977

Docket Nos. STN 50-498
and STN 50-499

Houston Lighting and Power Company
ATTN: Mr. G. W. Oprea, Jr.
Executive Vice President
P. O. Box 1700
Houston, Texas 77001

Gentlemen:

SUBJECT: SAFETY EVALUATION OF REPORT "DYNAMIC EFFECTS OF POSTULATED
PIPE FAILURES OUTSIDE CONTAINMENT - SOUTH TEXAS PROJECT UNITS
1 AND 2"

We have reviewed the report "Dynamic Effects of Postulated Pipe Failures Outside Containment - South Texas Project Units 1 and 2 and your responses to our request for additional information dated March 16, 1977, and have determined that the redesign of the main steam and feedwater valve house to withstand the environmental effects of a pipe break in a main steam or feedwater line is acceptable. Therefore, we have concluded that the protection against postulated pipe breaks outside containment for the South Texas Project Units 1 and 2 is acceptable.

The bases for our conclusion is presented in our "Safety Evaluation of the Dynamic Effects of Postulated Pipe Failure Outside Containment - South Texas Project Units 1 and 2," which is attached for your information.

Sincerely,

Olan D. Parr
Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

Enclosure:
As Stated

cc: see next page

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