

REPORT NUMBER CENC-1302

SUBJECT CATEGORY:

"ANALYTICAL REPORT"

## ENGINEERING

COMBUSTION ENGINEERING, INC.  
NUCLEAR COMPONENTS ENGINEERING DEPARTMENT  
C. E. CONTRACT NO. 11073

ANALYTICAL REPORT  
FOR  
SOUTH TEXAS PROJECT NO. 1  
HOUSTON LIGHTING AND POWER COMPANY

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October 1977



COMBUSTION ENGINEERING, INC.

Nuclear Components Department

CHATTANOOGA, TENNESSEE, U.S.A.

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ABSTRACT

The structural integrity of the Houston Lighting and Power Company, South Texas Project No. 1 Reactor Vessel, C.E. Contract 11073 is established in this report. The vessel is designed in accordance with the requirements of the Westinghouse Equipment Specification No. 952545, Rev. 0\*dated June 1, 1977 and the 1971 Edition of Section III of the ASME Code with Addenda through the Summer of 1973 and Code Case N-52 (1605). All requirements are satisfied.

\*Plus Interim E-Specs No. 1 thru 4.

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11/4/77

It is hereby certified that the components described in this Analytical Report have been properly and completely reconciled with the requirements of the ASME Boiler and Pressure Vessel Code, Section III, and this certification is provided as required by Paragraph NA-3356 of said ASME Code, Section III.

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