



# Houston Lighting & Power Company

Electric Tower  
P.O. Box 1700  
Houston, Texas 77001

December 20, 1979  
AC-HL-AE-381

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

Dear Sir:

Allens Creek Nuclear Generating Station  
Unit 1  
Docket No. 50-466  
Amendment 54

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Please find under separate cover sixty (60) copies of Amendment 54 to the Houston Lighting & Power Company Allens Creek Nuclear Generating Station Unit 1 PSAR. A copy of this transmittal letter is attached to each amendment copy. Also, please find under separate cover five (5) copies of Revision 2 of the Allens Creek Containment Structures Design Report (CSDR).

Amendment 54 consists of additional PSAR information updating the PSAR to make it consistent with Revision 2 of the CSDR. Revision 2 of the CSDR incorporates the latest containment load definition information from General Electric and documents a design change to the containment which makes the dome of the containment hemispherical instead of semiellipsoidal. All safety analyses depending on containment volume remain conservative.

Very truly yours,

E. A. Turner  
Vice President  
Power Plant Construction  
& Technical Services

LDR/ngb

cc: J. G. Copeland (Baker & Botts)  
R. Gordon Gooch (Baker & Botts)  
J. R. Newman (Lowenstein, Newman, Reis,  
Axelrad & Toll)  
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All Parties

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