

JAN 29 1985

Docket Nos.: 50-498  
and 50-499

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Docket File 50-498/499

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ACRS (16)

Mr. J. H. Goldberg  
Vice President - Nuclear Engineering  
and Construction  
Houston Lighting and Power Company  
Post Office Box 1700  
Houston, Texas 77001

Dear Mr. Goldberg:

Subject: South Texas Project - Units 1 and 2 Arbitrary Intermediate Pipe  
Breaks - Request for Additional Information - Docket Nos. 50-498/499

Reference: Letter from J. H. Goldberg, Houston Lighting and Power Company to  
H. R. Denton, dated August 20, 1984, Subject: "Elimination of  
Arbitrary Intermediate Pipe Breaks"

We have reviewed the reference letter seeking NRC approval for eliminating  
arbitrary intermediate pipe breaks (excluding the Reactor Coolant System  
Primary Loop) for the South Texas Project. The staff requests additional  
information listed in the enclosure for completing the evaluation of your  
submittal.

As soon as Houston Lighting and Power Company submits the additional information,  
the staff will finalize its input for the supplement to the Safety Evaluation  
Report (SER).

Should you have questions regarding this enclosure, contact the Project Manager,  
Victor Nerses at (301) 492-7238.

Sincerely,

**ORIGINAL SIGNED BY**

George W. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing

cc: See next page

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ENCLOSURE

SOUTH TEXAS PROJECT, UNITS 1 AND 2  
REQUEST FOR ADDITIONAL INFORMATION  
MECHANICAL ENGINEERING BRANCH, DE  
DOCKET NOS. 50-498/499

1. Provide detailed justification/documentation to show that eliminating arbitrary intermediate pipe breaks in the main feedwater system will not impact the safety of the plants because of special design features and operating procedures adopted by the South Texas Project to preclude or minimize the effects of water-hammer in that system. An acceptable level of detail on this issue is contained in Attachments F and G to a letter from D. E. Swartz, Commonwealth Edison to H. R. Denton, NRC, "Byron Station, Units 1 & 2 - Elimination of Arbitrary Intermediate Pipe Breaks", dated November 15, 1984.