

The Light company

Houston Lighting & Power South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

October 16, 1995
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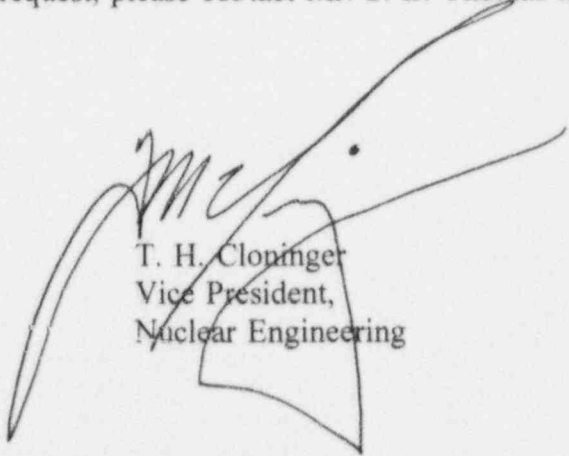
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

South Texas Project Electric Generating Station
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Response to NRC Generic Letter 95-07: "Pressure Locking
and Thermal Binding of Safety-Related Power-Operated Gate Valves"

Reference: NRC Generic Letter 95-07: "Pressure Locking and Thermal Binding of
Safety-Related Power-Operated Gate Valves dated August 17, 1995"

South Texas Project intends to implement the actions requested in the referenced letter.
The attachment to this letter is the schedule for completion of the requested actions.

If there are any questions regarding this request, please contact Mr. S. E. Thomas at
(512) 972-7162 or me at (512) 972-8787.



T. H. Cloninger
Vice President,
Nuclear Engineering

KJT/lf

Attachment: Schedule for Completion of Actions Requested in NRC Generic Letter 95-07

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GLB-95/5180

Project Manager on Behalf of the Participants in the South Texas Project

A0561

c:

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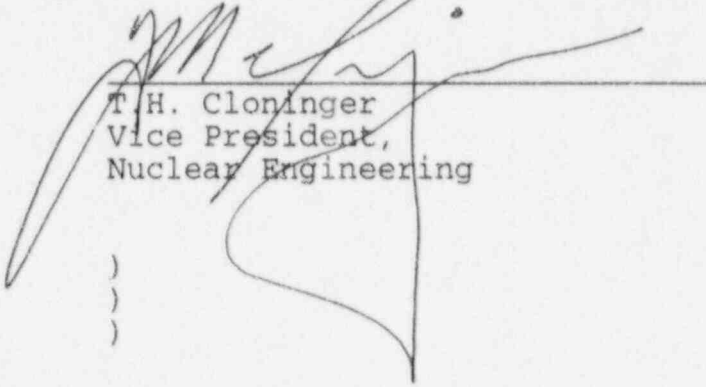
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
Houston Lighting & Power) Docket Nos. 50-498
Company, et al.,) 50-499
)
South Texas Project)
Units 1 and 2)

AFFIDAVIT

I, T. H. Cloninger, being duly sworn, hereby depose and say that I am Vice President, Nuclear Engineering, of Houston Lighting & Power Company; that I am duly authorized to sign and file with the Nuclear Regulatory Commission the attached response to NRC Generic Letter 95-07 ; that I am familiar with the content thereof; and that the matters set forth therein are true and correct to the best of my knowledge and belief.



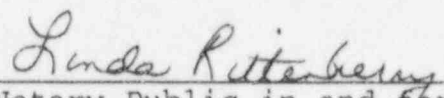
T. H. Cloninger
Vice President,
Nuclear Engineering

STATE OF TEXAS)

COUNTY OF MATAGORDA)

Subscribed and sworn to before me, a Notary Public in and for the State of Texas, this 16th day of October, 1995.





Notary Public in and for the
State of Texas

**SCHEDULE FOR COMPLETION OF ACTIONS
REQUESTED IN NRC GENERIC LETTER 95-07**

**SOUTH TEXAS PROJECT
UNITS 1 AND 2**

Reference: NRC Generic Letter 95-07: "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves dated August 17, 1995"

NRC Generic Letter 95-07 requested licensees take specific actions to address pressure locking and thermal binding of safety-related, power-operated (including motor-, air-, and hydraulically operated) gate valves. South Texas Project plans to work closely with the Westinghouse Owner's Group in developing a program to address the requirements of NRC Generic Letter 95-07. It is expected that a common set of screening criteria will be developed for identifying valves potentially susceptible to pressure locking and thermal binding, taking into account both component and systems considerations. As the susceptible valves are identified, the need for additional analysis and/or valve modifications will be determined.

The following is an initial schedule developed to complete evaluations and assess any necessary corrective action.

South Texas Project plans to complete the following actions by November 15, 1995.

1. Perform screening evaluation of operational configurations of all safety-significant power-operated gate valves to identify those valves that are potentially susceptible to pressure locking or thermal binding.
2. Document a basis for operability of the potentially susceptible valves or, where the operability cannot be supported by the evaluation, take actions in accordance with Technical Specifications.

South Texas Project will comply with all actions and responses specified in the 180-day required response of the referenced generic letter by February 13, 1996. These include completion and documentation of the following:

1. Evaluate the operational configurations of safety-significant power-operated gate valves to identify valves that are susceptible to pressure locking or thermal binding.
2. Perform further analyses as appropriate, and take needed corrective actions (or justify longer schedules), to ensure that the susceptible valves identified are capable of performing their intended safety function(s) under all modes of plant operation, including test configurations.
3. Provide a written response to the NRC to include a summary description of the following:
 - (a) The evaluation of the operational configurations of safety-significant power-operated gate valves to identify valves that are susceptible to pressure locking or thermal binding and further analyses performed including the bases or criteria for determining that valves are or are not susceptible to pressure locking or thermal binding;
 - (b) The results of the susceptibility evaluation and the further analyses referred to in 3 (a) above, including a listing of the susceptible valves identified;
 - (c) The corrective actions, or other dispositioning, for the valves identified as susceptible to pressure locking or thermal binding, including: (i) equipment or procedural modifications completed and planned (including the completion schedule for such actions); and (ii) justification for any determination that particular safety-significant power-operated gate valves susceptible to pressure locking or thermal binding are acceptable as is.