



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

February 27, 2002
NOC-AE-02001276
File No.: G25
10CFR50.90
STI:31412117

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

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Additional Information to Support the Request for Approval
of Power Uprate and a Revision to the Technical Specifications

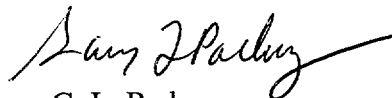
Reference: Letter from J. J. Sheppard to NRC Document Control Desk, "Proposed Amendment to Facility Operating Licenses and Technical Specifications Associated with a 1.4% Core Power Uprate," August 22, 2001 (NOC-AE-01001162)

The referenced letter requested approval of increasing the plant operating power level by 1.4 percent and submitted a license amendment supporting associated revisions to Technical Specifications. As the result of a phone conversation with the NRC on February 14, 2002, additional information to support review of the licensing application is provided in the attachment to this letter.

There are no licensing commitments in this letter. If you should have any questions concerning this matter, please contact Mr. Ken Taplett at (361) 972-8416 or me at (361) 972-7800.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: 2/27/02


G. L. Parkey
Vice President, Generation

KJT/

Attachment: Additional Information

A001

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ATTACHMENT

ADDITIONAL INFORMATION

By a letter dated August 22, 2001, STP Nuclear Operating Company (STPNOC), the licensee for South Texas Project Units 1 & 2, requested a license amendment to raise the plant operating power level by 1.4 percent. The NRC staff reviewed the application and determined that it needs additional information to complete its review. The additional information is provided below.

NRC requested information: Provide additional safety analysis limits and the calculated results for the uncontrolled rod control cluster assembly bank withdrawal at power transient that was re-analyzed for the 1.4-percent uprate application.

Response:

The information below supplements information provided to the NRC in a letter on February 5, 2002 regarding the transient.

Parameter	Safety Analysis Limit	Calculated Result
Peak reactor coolant system pressure	2748.5 psig	2723.4 psig
Peak secondary steam side pressure	1428.5 psig	1420 psig
Peak core average heat flux	118% (note)	117.1%

Note: Meeting the limit ensures that no core melt occurs