



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

July 13, 2005  
NOC-AE-05001907  
10CFR50.54(f)

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498 and STN 50-499  
45-Day Response to a Request for Additional Information (RAI) Related to Generic Letter  
2004-02, "Potential Impact of Debris Blockage on Emergency Sump Recirculation  
at Pressurized-Water Reactors" (TAC Nos. MC4719 and MC4720)

Reference: Letter, Thomas J. Jordan to NRC Document Control Desk, "90-Day  
Response to Generic Letter 2004-02: Potential Impact of Debris Blockage  
on Emergency Recirculation during Design Basis Accidents at Pressurized-  
Water Reactors," dated March 8, 2005 (NOC-AE-05001862)


Attachment 1 of this letter provides the STP Nuclear Operating Company's (STPNOC)  
45-day response to a request for additional information from the NRC staff regarding the  
referenced STPNOC 90-day response to Generic Letter 2004-02.

The only commitments in this letter are summarized in Attachment 2.

If there are any questions regarding this response, please contact Scott Head at (361)  
972-7136 or me at (361) 972-7902.

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

Executed on July 13, 2005

  
T. J. Jordan  
Vice President, Engineering

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Attachments:

1. 45-Day Response to a Request for Additional Information (RAI) Related to Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized-Water Reactors"
2. List of Commitments

STI: 31901385

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cc:  
(paper copy)

Bruce S. Mallett  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

Richard A. Ratliff  
Bureau of Radiation Control  
Texas Department of State Health Services  
1100 West 49th Street  
Austin, TX 78756-3189

Jeffrey Cruz  
U. S. Nuclear Regulatory Commission  
P. O. Box 289, Mail Code: MN116  
Wadsworth, TX 77483

C. M. Canady  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

(electronic copy)

A. H. Gutterman, Esquire  
Morgan, Lewis & Bockius LLP

David H. Jaffe  
U. S. Nuclear Regulatory Commission

Jack A. Fusco  
Michael A. Reed  
Texas Genco, LP

C. Kirksey  
City of Austin

Jon C. Wood  
Cox Smith Matthews

J. J. Nesrsta  
R. K. Temple  
E. Alarcon  
City Public Service

**45-Day Response to a Request for Additional Information (RAI) Related to Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized-Water Reactors"**

As a result of the review of the 90-day responses for all licensees and recent discussions with industry, the staff is concerned that some licensees may be delaying the evaluation of chemical and downstream effects until after the September 1, 2005, due date for the next response to the GL. This would result in an incomplete response and is not in accordance with the schedule in the GL. Your 90-day response indicated that your analysis will be completed by September 1, 2005, but did not discuss the evaluation of chemical and downstream effects.

**NRC Requested Information:**

Although the GL did not specifically request that the evaluation of chemical and downstream effects be discussed in the 90-day response, please discuss your plans and schedule for evaluating chemical and downstream effects and verify whether your September 1, 2005, response will include an evaluation of these effects.

**STP Response:**

STP will include evaluations of both chemical and downstream effects in the September 1, 2005 response.

### List of Commitments

The following table identifies those actions committed to by the STP Nuclear Operating Company in this document. Any statements in this submittal with the exception of those in the table below are provided for information purposes and are not considered commitments. Please direct questions regarding these commitments to Joe Loya at (361) 972-7922.

Commitment	Due Date	Condition Report
Include both chemical and downstream effects evaluations in the September 1, 2005 GNL 2004-02 response.	09/01/2005	04-12498-8