



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

August 28, 2007  
NOC-AE-07002205  
File No.: G25  
10 CFR 50, Appendix H

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville MD 20852-2738

South Texas Project  
Unit 1  
Docket No. STN 50-498  
Reactor Vessel Radiation Surveillance Program – STP Unit 1

Pursuant to 10 CFR 50 Appendix H, Section IV, STP Nuclear Operating Company (STPNOC) submits the enclosed WCAP-16149, "Analysis of Capsule V from South Texas Project Nuclear Operating Company, South Texas Unit 1 Reactor Vessel Radiation Surveillance Program," dated October 2003. WCAP-16149 presents the results of the examination of Capsule V, which was removed from the South Texas Project Unit 1 reactor in the continuing surveillance program for monitoring the effects of neutron irradiation on the Unit 1 reactor pressure vessel materials under actual operating conditions.

This report was originally due by April 2004 in accordance with 10 CFR 50, Appendix H, Section IIIA. This date was missed due to an oversight. Future irradiation sample analysis reports will be submitted to the NRC within one year of sample removal, as required by 10 CFR 50, Appendix H. This is being tracked under the station Corrective Action program.

There are no commitments in this letter.

If there are any questions, please contact either Mr. Philip Walker at (361) 972-8392 or me at (361) 972-8164.

A handwritten signature in black ink, appearing to read 'M. P. Murray', is written above the typed name.

Michael P. Murray  
Manager,  
Systems Engineering

PLW

Attachment: WCAP-16149, "Analysis of Capsule V from South Texas Project Nuclear Operating Company, South Texas Unit 1 Reactor Vessel Radiation Surveillance Program," October 2003

STI: 32199579

1008  
NRR

cc: [No attachments]

(paper copy)

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

Mohan C. Thadani  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint North (MS 7 D1)  
11555 Rockville Pike  
Rockville, MD 20852

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

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

Senior Resident Inspector  
U. S. Nuclear Regulatory Commission  
P. O. Box 289, Mail Code: MN116  
Wadsworth, TX 77483

(electronic copy)

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

Mohan C. Thadani  
U. S. Nuclear Regulatory Commission

Thad Hill  
Steve Winn  
Marty Ryan  
Eddy Daniels  
Harry Holloway  
NRG South Texas LP

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

C. Kirksey  
City of Austin

Jon C. Wood  
Matthews & Branscomb