



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

February 11, 2013  
NOC-AE-13002957  
10 CFR 50, Appendix H

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

South Texas Project  
Unit 2  
Docket No. STN 50-499  
Reactor Vessel Radiation Surveillance Program – STP Unit 2

- References:
1. Letter from Marco Ruvalcaba, STPNOC, to NRC Document Control Desk, "Reactor Vessel Material Surveillance Capsule Removal – Revision," NOC-AE-11002658, dated March 24, 2011 (ML110940282)
  2. Letter from Brandon Jenewein, STPNOC, to NRC Document Control Desk, "Reactor Vessel Material Surveillance Capsule – Schedule Change," NOC-AE-08002329, dated August 13, 2008 (ML082330456)
  3. Letter from Mohan C. Thadani, NRC, to Edward D. Halpin, STPNOC, "South Texas Project, Units 1 and 2, Safety Evaluation for Revision to Reactor Pressure Vessel Surveillance Capsule Withdrawal Schedules," AE-NOC-09001883, dated August 5, 2009 (ML091900724)

Pursuant to 10 CFR 50 Appendix H, Section IV, STP Nuclear Operating Company (STPNOC) submits the enclosed WCAP-17636-NP, "Analysis of Capsule W from the South Texas Project Nuclear Operating Company, South Texas Unit 2 Reactor Vessel Radiation Surveillance Program," dated October 2012. WCAP-17636-NP documents the results of the examination of Capsule W, which was removed from the South Texas Project (STP) Unit 2 reactor during refueling outage 2RE15 (October 28 - November 22, 2011). WCAP-17636-NP is a complete and non-proprietary report, and there is no proprietary version.

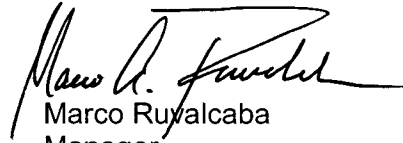
Capsule W was removed in accordance with the revised capsule withdrawal schedule previously submitted to the NRC by Reference 1. The enclosed report was originally due in November 2012 in accordance with Section IV.A of Appendix H to 10 CFR Part 50. As discussed in References 2 and 3, STP Units 1 and 2 have satisfied the ASTM E185-82 criterion for monitoring neutron embrittlement, and no further samples are needed to support operation to the end of the licensed 40-year life of the units. The data derived from removal of Capsule W from each unit will be used to support the application to extend the operating licenses.

There are no commitments in this letter.

STI: 33650098

A008  
NRR

If there are any questions, please contact Coley Chappell at 361-972-4745, or me at 361-972-7904.

A handwritten signature in black ink, appearing to read "Marco A. Ruvalcaba", with a stylized flourish at the end.

Marco Ruvalcaba  
Manager,  
Testing and Programs Engineering

ccc

Enclosure: WCAP-17636-NP, "Analysis of Capsule W from the South Texas Project Nuclear Operating Company, South Texas Unit 2 Reactor Vessel Radiation Surveillance Program," Revision 0, October 2012

cc: (paper copy)

\* Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
1600 East Lamar Boulevard  
Arlington, TX 76011-4511

Balwant K. Singal  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint North (MS 8 B1)  
11555 Rockville Pike  
Rockville, MD 20852

NRC Resident Inspector  
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

Balwant K. Singal  
U. S. Nuclear Regulatory Commission

John Ragan  
Chris O'Hara  
Jim von Suskil  
NRG South Texas LP

Kevin Pollo  
Richard Peña  
City Public Service

Peter Nemeth  
Crain Caton & James, P.C.

C. Mele  
City of Austin

Richard A. Ratliff  
Alice Rogers  
Texas Department of State Health Services

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