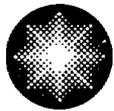


George Vanderheyden
Vice President
Calvert Cliffs Nuclear Power Plant
Constellation Generation Group, LLC

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410.495.4455
410.495.3500 Fax



Constellation Energy

May 13, 2005

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
60 Days After Plant Restart Responses to NRC Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors"

REFERENCES:

- (a) NRC Bulletin 2004-01: Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors, dated May 28, 2004
- (b) Letter from Mr. K. J. Nietmann (CCNPP) to Document Control Desk (NRC), dated July 27, 2004, Response to NRC Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors"
- (c) Letter from Mr. G. Vanderheyden (CCNPP) to Document Control Desk (NRC), dated January 27, 2005, Response to NRC Request for Additional Information Regarding our Response to Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors"

The purpose of this letter is to forward Calvert Cliffs Nuclear Power Plant, Inc.'s (CCNPPs) "60 Days After Plant Restart" response to Request (2)(a) of the Nuclear Regulatory Commission Bulletin 2004-01 (Reference a).

During the spring 2005 Unit 2 refueling outage, CCNPP performed a bare metal visual examination of the pressurizer penetrations and steam space piping connections fabricated from Alloy 82/182/600 in accordance with the commitment made in response to Bulletin 2004-01 (References b and c). The Alloy 182 butt welds in the steam space piping connections were also ultrasonically examined. The ultrasonic examination was performed in accordance with American Society of Mechanical Engineers Section XI, Appendix VIII, Supplement 10 as implemented through the performance demonstration

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initiative requirements for the examination of dissimilar metal welds. The examinations revealed no signs of leakage or weld cracking; therefore, no follow-up examinations or evaluations were required.

Should you have questions regarding this matter, please contact Mr. L. S. Larragoite at (410) 495-4922.

Very truly yours,



STATE OF MARYLAND :
 : TO WIT:
COUNTY OF CALVERT :

I, George Vanderheyden, being duly sworn, state that I am Vice President - Calvert Cliffs Nuclear Power Plant, Inc. (CCNPP), and that I am duly authorized to execute and file this response on behalf of CCNPP. To the best of my knowledge and belief, the statements contained in this document are true and correct. To the extent that these statements are not based on my personal knowledge, they are based upon information provided by other CCNPP employees and/or consultants. Such information has been reviewed in accordance with company practice and I believe it to be reliable.



Subscribed and sworn before me, a Notary Public in and for the State of Maryland and County of St. Mary's, this 13th day of May, 2005.



WITNESS my Hand and Notarial Seal:

Gaet L. Scully
Notary Public

My Commission Expires:

March 25 2007
Date

GV/GT/bjd

cc: R. V. Guzman, NRC
S. J. Collins, NRC

Resident Inspector, NRC
R. I. McLean, DNR