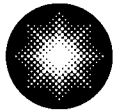


James A. Spina
Vice President

Calvert Cliffs Nuclear Power Plant, Inc.
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410.495.5200
410.495.3500 Fax



Constellation Energy
Generation Group

May 30, 2007

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 2; Docket No. 50-318
Response to Confirmatory Action Letter from NRC, dated March 12, 2007, and
Notification of Results from Inspection and Mitigation of Alloy 600/82/182
Pressurizer Butt Welds

REFERENCES: (a) Letter from J. E. Dyer (NRR) to J. A. Spina (CCNPP), dated March 12, 2007, Confirmatory Action Letter, Calvert Cliffs Nuclear Power Plant, Unit No. 2 (TAC No. MD4140) (CAL No. NRR-07-014)
(b) Letter from J. A. Spina (CCNPP) to Document Control Desk (NRC), dated January 30, 2007, Inspection and Mitigation of Alloy 600/82/182 Pressurizer Butt Welds

This letter provides our response to the Confirmatory Action Letter (CAL) (Reference a) related to the inspection and mitigation of Alloy 600/82/182 Pressurizer Butt Welds. The CAL required Calvert Cliffs Nuclear Power Plant (CCNPP) to perform the following actions:

1. Notify Nuclear Regulatory Commission (NRC) immediately if our understanding differs from that set forth in the CAL;
2. Notify NRC if for any reason we could not complete the actions and commitments within the specified schedule and advise NRC in writing of our modified schedule in advance of the change; and
3. Notify NRC in writing when we have completed the actions and commitments addressed in the CAL.

The CAL also referenced our letter to the NRC dated January 30, 2007 (Reference b), which included commitments to complete the inspection/mitigation of Unit 2 pressurizer dissimilar metal (DM) butt welds and report the results of these actions to NRC.

The Unit 2 inspection and mitigation of pressurizer DM welds was completed on schedule during the 2007 Unit 2 refueling outage. All required Performance Demonstration Initiative (PDI) ultrasonic test

A110

Document Control Desk

May 30, 2007

Page 2

(UT) examinations of pressurizer DM butt welds were completed with no recordable indications. The Mechanical Stress Improvement Process (MSIP) was implemented as planned on these welds. The attached table provides details of these results by specific weld locations. This notice completes our actions under the requirements of the subject CAL and provides the required notice of results from Alloy 600/82/182 DM butt welds within 60 days of startup from the 2007 Unit 2 refueling outage. Unit 2 returned to service after refueling on April 2, 2007.

Should you have questions regarding this matter, please contact Mr. Jay S. Gaines at (410) 495-5219.

Very truly yours,

A handwritten signature in black ink, appearing to read "Jay S. Gaines", written over a horizontal line.

JAS/MJY/bjd

Attachment: (1) Calvert Cliffs Unit 2 2007 RFO Alloy 600/182/82 DM Weld Status

cc: D. V. Pickett, NRC
S. J. Collins, NRC

Resident Inspector, NRC
R. I. McLean, DNR

ATTACHMENT (1)

CALVERT CLIFFS UNIT 2 2007 RFO ALLOY 600/182/82

DM WELD STATUS

ATTACHMENT (1)**Calvert Cliffs Unit 2 2007 RFO Alloy 600/182/82 DM Weld Status**

		Inspected	Flaw (Yes/No)	Auto Scan (Flaw Sizing)	MSIP Complete	WOL Required	Post MSIP Inspection	Comments
21 Hot Leg Surge Line – 12”	12-PSL-13	2/28/07	NO	N/A	Yes 2/28	NO	2/28/07	
22 Hot Leg Shut Down Cooling – 12”	12-SC-2004-1	2/28/07	NO	N/A	Yes 3/1	NO	3/2/07	
Pressurizer Surge Line- 12”	12-PSL-1	2/28/07	NO	N/A	Yes 3/3	NO	3/3/07	
Pressurizer Spray Line – 4”	4-PS-2003-8	3/2/07	NO	N/A	Yes 3/4	NO	3/5/07	
RV 200 – 4”	4-SR-2005-1	3/1/07	NO	N/A	Yes 3/4	NO	3/5/07	
RV 201 – 4”	4-SR-2006-1	3/1/07	NO	N/A	Yes 3/4	NO	3/5/07	
21B Cold Leg Drain - 2”	2-DR-2004-1	2/28/07	NO	N/A	N/A	NO	N/A	
22B Cold Leg Drain - 2”	2-DR-2006-1	2/28/07	NO	N/A	N/A	NO	N/A	
Cold Leg Spray Nozzle 3”	3-PS-2001-1	3/3/07	NO	N/A	N/A	NO	N/A	
21A Safety Injection Line – 12”	12-SI-2010-13	3/3/07	NO	N/A	N/A	NO	N/A	
21B Safety Injection Line -12”	12-SI-2009-15	3/2/07	NO	N/A	N/A	NO	N/A	
22A Safety Injection Line- 12”	12-SI-2012-13	3/3/07	NO	N/A	N/A	NO	N/A	
22B Safety Injection Line- 12”	12-SI-2011-13	3/3/07	NO	N/A	N/A	NO	N/A	
22B Charging Line – 2”	2-CV-2021-34	3/3/07	NO	N/A	N/A	NO	N/A	
21 Hot Leg RC Drain (SWOL) - 2”	2-DR-2007-1	3/1/07	NO	N/A	N/A	NO	N/A	
22A Letdown (SWOL) - 2”	2-LD-2004-1	3/1/07	NO	N/A	N/A	NO	N/A	