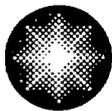


George Vanderheyden
Vice President
Calvert Cliffs Nuclear Power Plant
Constellation Generation Group, LLC

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410.495.4455
410.495.3500 Fax



Constellation Energy

June 14, 2005

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
Inservice Inspection Report

REFERENCE: (a) American Society of Mechanical Engineers, Boiler & Pressure Vessel Code, Section XI, Article IWA-6000

Pursuant to Reference (a), please find enclosed the Inservice Inspection Report for the Calvert Cliffs Nuclear Power Plant Unit 2. This inspection fulfilled the intentions and requirements stated in our commitment to comply with the American Society of Mechanical Engineers, Boiler & Pressure Vessel Code, Section XI, Inservice Inspection Requirements.

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

Very truly yours,

GV/CAN/bjd

Enclosures: (1) Calvert Cliffs Nuclear Power Plant, Inservice Inspection Summary Report for Calvert Cliffs Unit 2, ASME Boiler & Pressure Vessel Code Section XI, Form NIS-1
(2) Calvert Cliffs Nuclear Power Plant, Inservice Inspection Summary Report for Calvert Cliffs Unit 2, ASME Boiler & Pressure Vessel Code Section XI, Form NIS-2

cc: Mr. Craig Lowry

(Without Enclosures)
R. V. Guzman, NRC
S. J. Collins, NRC

Resident Inspector, NRC
R. I. McLean, DNR

AO-17

ENCLOSURE (1)

**CALVERT CLIFFS NUCLEAR POWER PLANT,
INSERVICE INSPECTION SUMMARY REPORT
FOR CALVERT CLIFFS UNIT 2
ASME BOILER & PRESSURE VESSEL CODE
SECTION XI, FORM NIS-1**

FORM NIS-1

OWNER'S REPORT FOR INSERVICE INSPECTIONS

(As required by the Provisions of the ASME Code Rules)

1. Owner Constellation Energy , 750 East Pratt Street, Baltimore MD 21202

(Name and Address of Owner)

2. Plant Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657

(Name and Address of Plant)

3. Plant Unit 2

4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 04/01/1977

6. National Board Number for Unit 20912

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Pressure Vessel	Combustion Engineering	CE-67108	14001NV	20912
Pressurizer	Combustion Engineering	CE-67603	14001NV	20916
Steam Generator #21	Combustion Engineering	CE-67506	14001NV	20924
Steam Generator #22	Combustion Engineering	CE-67507	14001NV	20925
Reactor Coolant Piping	Combustion Engineering	N/A	N/A	N/A
#21A Reacor Coolant Pump	Byron Jackson	681-N-441	14001-NV	N/A
#21B Reactor Coolant Pump	Byron Jackson	681-N-442	14001-NV	N/A
#22A Reactor Coolant Pump	Byron Jackson	681-N-443	14001-NV	N/A
#22B Reactor Coolant Pump	Byron Jackson	681-N-444	14001-NV	N/A
Safety Injection Piping/Supports	Bechtel	N/A	N/A	N/A
Pressurizer Spray Piping/Supports	Bechtel	N/A	N/A	N/A
Pressurizer Safety & Relief Piping	Bechtel	N/A	N/A	N/A
Shutdown Cooling Piping/Supports	Bechtel	N/A	N/A	N/A
Charging Piping/Supports	Bechtel	N/A	N/A	N/A
Letdown Piping/supports	Bechtel	N/A	N/A	N/A
#22 Shutdown Cooling Heat Exchanger	Engineers & Fabricators	S-15783B	014134-NV	1144
Main Feedwater Piping/Supports	Bechtel	N/A	N/A	N/A

8. Examination Dates 4/22/2003 to 5/16/2005

9. Inspection Period Identification: 2002 to 2006

10. Inspection Interval Identification: 1999 to 2009

11. Applicable Edition of Section XI 1998 Addenda None

12. Date/Revision of Inspection Plan: CCNPP Units 1 & 2 Third Interval ISI Plan, Revision 0

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

The examinations reported herein constitute the fifteenth report of Inservice inspections performed at Calvert Cliffs Unit 2, and the second report within the second inspection period of the third inspection interval of commercial operations. The examinations were performed in accordance with the the Third Interval ISI Plan for Calvert Cliffs Units 1 & 2 and our Risk Informed ISI Program submittal to the NRC dated 5/29/2002. The examinations were performed in accordance with the 1998 Edition of ASME Section XI with no Addenda. The 2005 Steam Generator Inspections consisted of 100% Bobbin Coil Eddy Current of all tubes, full length in both Unit 2 SGs. In addition to the Section XI required examinations we performed baremetal visual examinations on a number of dissimilar metal butt welds containing Alloy 82/182 weld material in accordance with the EPRI MRP recommendations and NRC Bulletin 2004-01. We also performed baremetal visual and volumetric examinations of the reactor vessel closure head in accordance with the revised NRC Order EA-03-009. See Attachment 1 for a list of Class 1 and 2 Components examined. Nondestructive examination data and procedures are available at the plant site for review.

14. Abstract of Results of Examinations and Tests.

Two dissimilar metal butt welds LTP #'s 161010 and 161190 were found to contain indications that could not be shown to meet the ASME Section XI acceptance criteria. Signs of boric acid leakage were found on 2-SI-651-MOV bolting. The examinations on #22 Steam Generator identified the presence of loose parts in the secondary side of the generator. Examinations of the reactor vessel closure head were found to be acceptable with no indications of leakage.

15. Abstract of Corrective Measures.

Full structural weld overlays were installed on the two dissimilar metal butt welds that could not be shown to meet ASME Section XI acceptance criteria. Five additional dissimilar metal butt welds were ultrasonically examined in accordance with ASME Section XI and the RI-ISI program, no additional issues were identified. The bolts with boric acid residue on them were removed from 2-SI-651-MOV. The bolts were cleaned and a VT-1 examination was performed, no damage was identified. A total of 29 tubes were plugged in the #22 Steam Generator due to irretrievable loose parts.

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
 Date 06/07/2005 Signed Constellation Energy By Keith M Hoffman
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Maryland and employed by ABS Consulting of Houston, TX have inspected the components described in this Owner's Report during the period 4/22/2003 to 5/16/2005, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

John Louis Commissions NB9831, MD1171, AD117
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-7-05

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
	<u>Comments:</u>	No Recordable Indications Noted							
109280	30-RC-21A - 7	ELBOW TO SAFE END	064-A	4-0004, -0008, -	2/26/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-156 Accept

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
		<u>Comments:</u> THIS BARE METAL VISUAL EXAMINATION WAS PERFORMED IN ACCORDANCE WITH EPRI MRP GUIDANCE FOR ALLOY 82/182 WELDS							
113010	12-PSL - 1	NOZZLE TO SAFE END	064-A	60798	2/25/2005	R-A	R1.11	NDE-5710-CC	CC05-IV-065 Accept
		<u>Comments:</u> No recordable indications.							
113100	12-PSL - 10	ELBOW TO PIPE	064-A	60798	2/27/2005	R-A	R1.11	NDE-5412-CC	CC05-IU-037 Accept
		<u>Comments:</u> No Recordable Indications Noted							
113120	12-PSL - 12	ELBOW TO SAFE END	064-A	60798	2/25/2005	R-A	R1.11	NDE-5418-CC	CC05-IU-024 Accept
		<u>Comments:</u> No Recordable Indications Noted							
113130	12-PSL - 13	SAFE END TO PIPING NOZZLE	064-A	60798	2/25/2005	R-A	R1.11	NDE-5710-CC	CC05-IV-069 Accept
		<u>Comments:</u> No recordable indications							
113090	12-PSL - 9	PIPE TO ELBOW	064-A	60798	2/27/2005	R-A	R1.11	NDE-5412-CC	CC05-IU-034 Accept
		<u>Comments:</u> One indication was noted in the buttering area that was verified present on the construction radiograph.							
114900	12-SC-2004 - 1	PIPING NOZZLE TO SAFE END	052	91319, 91320	2/27/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-033 Accept
					2/28/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-054
					2/23/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-041 Accept
		<u>Comments:</u> No Recordable Indications Noted							
115090	12-SI-2009 - 10	VALVE 2-SI-217 TO ELBOW	052	91298SH0002	3/2/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-044 Accept
		<u>Comments:</u> NO RECORDABLE INDICATIONS							
115130	12-SI-2009 - 14	PIPE TO SAFE END	052	91298SH0002	3/1/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-050 Accept
		<u>Comments:</u> This exam was performed in accordance with the EPRI MRP inspection guidance.							
115140	12-SI-2009 - 15	SAFE END TO PIPING NOZZLE	052	91298SH0002	2/25/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-066 Accept
		<u>Comments:</u> No recordable indications.							
164580	12-SI-2009 - 2-SI-22	2-SI-227 VALVE BOLTING	052	91298SH0002	2/26/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-089 Accept
		<u>Comments:</u> NO RECORDABLE INDICATIONS							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
601260	12-SI-2009 - R-14	COMPONENT SUPPORT	052	91298SH0002	2/26/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-090 Accept
	<u>Comments:</u>	THIS BAREMETAL VISUAL EXAMINATION WAS PERFORMED IN ACCORDANCE WITH EPRI MRP GUIDANCE FOR EXAMINATION OF ALLOY 182/82 BUTT WELDS							
116190	12-SI-2010 - 13	SAFE END TO PIPING NOZZLE	052	91298SH0001	2/25/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-057 Accept
	<u>Comments:</u>	Light to medium rust on bolting.							
164340	12-SI-2010 - 2-MOV-	2-MOV-624 VALVE BOLTING	052	91298SH0001	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-060 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
601330	12-SI-2010 - H-45	COMPONENT SUPPORT	052	91298SH0001	2/27/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-099 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
601300	12-SI-2010 - R-32	COMPONENT SUPPORT	052	91298SH0001	2/28/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-098 Accept
	<u>Comments:</u>	This examination was a bare metal visual examination in accordance with EPRI MRP inspection guidance.							
117120	12-SI-2011 - 13	SAFE END TO NOZZLE	052	91298SH0004	2/26/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-072 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164350	12-SI-2011 - 2-MOV-	2-MOV-634 VALVE BOLTING	052	91298SH0004	2/25/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-075 Accept
	<u>Comments:</u>	No recordable indications.							
164600	12-SI-2011 - 2-SI-23	2-SI-237 VALVE BOLTING	052	91298SH0004	2/26/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-088 Accept
	<u>Comments:</u>	Bare metal visual examination done in accordance with EPRI MRP inspection guidance.							
118120	12-SI-2012 - 13	SAFE END TO NOZZLE	052	91298SH0003	2/26/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-071 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164360	12-SI-2012 - 2-MOV-	2-MOV-644 VALVE BOLTING	052	91298SH0003	2/25/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-073 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
118060	12-SI-2012 - 7	PIPE TO VALVE 2-SI-247	052	91298SH0003	3/5/2005	R-A	R1.16	NDE-5412-CC	CC05-IU-049 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
103160	120 HEATER PENE	120 HEATER PENETRATIONS	064-A		2/24/2005	B-P	B15.20	NDE-5710-CC	CC05-IV-040 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164800	2-CV-2005 - 2-CV-51	2-CV-519 VALVE BOLTING	041	FSK-MP-3108-I	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-059 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
164840	2-CV-2005 - 2-CVC-	2-CVC-187 VALVE BOLTING	041	FSK-MP-3108-I	2/28/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-100 Accept
	<u>Comments:</u>	No recordable Indications. This exam was an additional exam due to the Indications found on LTP#161190.							
152440	2-CV-2005 - 30	SAFE END TO PIPING NOZZLE	041	FSK-MP-3108-I	2/28/2005	R-A	R1.11	NDE-5710-CC	CC05-IV-160 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164870	2-CV-2006 - 2-CVC-	2-CVC-435 VALVE BOLTING	041	FSK-MP-3108-I	3/2/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-106 Accept
	<u>Comments:</u>	No recordable indications.							
164760	2-CV-2018 - 2-CV-51	2-CV-517 VALVE BOLTING	041	FSK-MP-3106	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-079 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164790	2-CV-2021 - 2-CV-51	2-CV-518 VALVE BOLTING	041	FSK-MP-3107	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-058 Accept
	<u>Comments:</u>	No recordable Indications							
164820	2-CV-2021 - 2-CVC-	2-CVC-186 VALVE BOLTING	041	FSK-MP-3107	2/28/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-093 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
156530	2-CV-2021 - 34	SAFE END TO PIPING NOZZLE	041	FSK-MP-3107	2/28/2005	R-A	R1.11	NDE-5710-CC	CC05-IV-108 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
164770	2-CV-515 ON 2-LD-2	2-CV-515 VALVE BOLTING	041	FSK-MP-3142	2/27/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-084 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164780	2-CV-516 ON 2-LD-2	2-CV-516 VALVE BOLTING	041	FSK-MP-3142	2/27/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-085 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							

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1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
164880	2-CVC-397 ON 2-LD	2-CVC-397 VALVE BOLTING	041	FSK-MP-3142	2/27/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-083 Accept
	<u>Comments:</u>	THE UT WAS PERFORMED AS PART OF THE SAMPLE EXPANSION BECAUSE OF THE FAILURE OF THE HOT LEG DRAIN LINE AND THE 22A LETDOWN LINE. No recordable indications were noted.							
157010	2-DR-2003 - 1	PIPING NOZZLE TO SAFE END	064-A	FSK-MP-3189	2/28/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-038 Accept
	<u>Comments:</u>	THE UT WAS PERFORMED AS PART OF THE SAMPLE EXPANSION BECAUSE OF THE FAILURE OF THE HOT LEG DRAIN LINE AND THE 22A LETDOWN LINE. No recordable indications were noted.							
158010	2-DR-2004 - 1	PIPING NOZZLE TO SAFE END	064-A	FSK-MP-3141	2/28/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-039 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
160010	2-DR-2006 - 1	PIPING NOZZLE TO SAFE END	064-A	FSK-MP-3140	2/28/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-109 Accept
	<u>Comments:</u>	The weld had three indications because of the limitations on sizing in accordance with PDI Program the indications were determined to be unacceptable. In accordance with Code Case N-578-1the sample was limited to LTP 114900 based on it having the same or higher susceptibility and the same materials involved. The indications were repaired by applying a full structural weld overlay see LTP 161005.							
161010	2-DR-2007 - 1	PIPING NOZZLE TO SAFE END	064-A	FSK-MP-3148H	2/25/2005	R-A	R1.20	NDE-5403-CC	CC05-IU-058 Accept
					2/25/2005	R-A	R1.20	NDE-5403-CC	CC05-IU-032 Accept
					2/24/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-025 Reject
					2/24/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-045 Accept
					2/24/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-015 Reject
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
602545	2-DR-2007 - R-1	COMPONENT SUPPORT	064-A	FSK-MP-3148H	3/2/2005	F-A	F1.10A	NDE-5711-CC	CC05-IV-105 Accept
	<u>Comments:</u>	One indication was found that could not be sized manually in accordance with Appendix VIII Supplement 10. Weld Overlay was performed on this weld.							
161190	2-LD-2004 - 1	PIPING NOZZLE TO SAFE END	041	FSK-MP-3142	2/26/2005	R-A	R1.20	NDE-5423-CC	CC05-IU-040 Reject
	<u>Comments:</u>	No indications noted.							
164330	2-MOV-614 ON 12-S	2-MOV-614 VALVE BOLTING	052	91319, 91320	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-062 Accept

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.):	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
	<u>Comments:</u>	The three bolts/nuts with boric acid on them were removed under MO 2200500765. After cleaning they were VT-1 examined and showed no signs of degradation see NDE Report # CC05-BV-021.							
164680	2-MOV-651 ON 12-S	2-MOV-651 VALVE BOLTING	052	91319, 91320	2/4/2005	B-G-2	B7.70	NDE-5710-CC	CC05-IV-035 EngDisp
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164690	2-MOV-652 ON 12-S	2-MOV-652 VALVE BOLTING	052	91319, 91320	2/28/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-097 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164710	2-SI-128 ON 6-SI-20	2-SI-128 VALVE BOLTING	052	91298SH0001	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-064 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164930	2.5-SR-2003 - 2-ERV	2-ERV-402 VALVE BOLTING	064-A	91317SH0002	2/24/2005	B-G-2	B7,70	NDE-5712-CC	CC05-IV-050 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
164890	2.5-SR-2003 - 2-MO	2-MOV-403 VALVE BOLTING	064-A	91317SH0002	2/24/2005	B-G-2	B7,70	NDE-5712-CC	CC05-IV-055 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
164950	2.5-SR-2003 - 5FB	INLET FLANGE BOLTING @ 2-ERV-402	064-A	91317SH0002	2/24/2005	B-G-2	B7.50	NDE-5712-CC	CC05-IV-092 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
601960	2.5-SR-2003 - H-35B	COMPONENT SUPPORT	064-A	91317SH0002	2/24/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-080 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164940	2.5-SR-2004 - 2-ERV	2-ERV-404 VALVE BOLTING	064-A	91317SH0002	2/24/2005	B-G-2	B7,70	NDE-5712-CC	CC05-IV-051 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
164900	2.5-SR-2004 - 2-MO	2-MOV-405 VALVE BOLTING	064-A	91317SH0002	2/24/2005	B-G-2	B7,70	NDE-5712-CC	CC05-IV-056 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164955	2.5-SR-2004 - 2FB	INLET FLANGE BOLTING @ 2-RV-201	064-A	91317SH0002	2/24/2005	B-G-2	B7.50	NDE-5712-CC	CC05-IV-054 Accept
	<u>Comments:</u>	No Recordable Indications							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
602010	2.5-SR-2004 - H-61	COMPONENT SUPPORT	064-A	91317SH0002	2/24/2005	F-A	F1.10A	NDE-5711-CC	CC05-IV-081 Accept
	<u>Comments:</u>	No Recordable Indications Noted. Some light surface rust seen.							
164910	2.5-SR-2007 - 2-RV-	2-RV-200 VALVE BOLTING	064-A	91317SH0002	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-048 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
164945	2.5-SR-2007 - 2FB	INLET FLANGE BOLTING @ 2-RV-200	064-A	91317SH0002	2/24/2005	B-G-2	B7.50	NDE-5712-CC	CC05-IV-049 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
164920	2.5-SR-2008 - 2-RV-	2-RV-201 VALVE BOLTING	064-A	91317SH0002	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-053 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164960	2.5-SR-2008 - 5FB	INLET FLANGE BOLTING @ 2-ERV-404	064-A	91317SH0002	2/24/2005	B-G-2	B7.50	NDE-5712-CC	CC05-IV-052 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
162250	21A-C-1-16	RCP-21A SEAL BOLTING	064-A		3/2/2005	B-G-2	B7.60	NDE-5712-CC	CC05-IV-111 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
162450	21B-C-1-16	RCP-21B SEAL BOLTING	064-A		3/2/2005	B-G-2	B7.60	NDE-5712-CC	CC05-IV-112 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
162650	22A-C-1-16	RCP-22A SEAL BOLTING	064-A		3/2/2005	B-G-2	B7.60	NDE-5712-CC	CC05-IV-113 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
162850	22B-C-1-16	RCP-22B SEAL BOLTING	064-A		3/2/2005	B-G-2	B7.60	NDE-5712-CC	CC05-IV-114 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
137010	3-PS-2001 - 1	PIPING NOZZLE TO SAFE END	064-A	35SH0001, SHC	2/28/2005	R-A	R1.20	NDE-5710-CC	CC05-IV-107 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164740	3-PS-2001 - 2-CV-10	2-CV-100E VALVE BOLTING	064-A	35SH0001, SHC	2/26/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-078 Accept
	<u>Comments:</u>	No recordable indications. This weld was an additional exam scheduled because of the indication found in LTP# 161190.							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.):	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
138010	3-PS-2002 - 1	PIPING NOZZLE TO SAFE END	064-A	35SH0001, SHC	2/28/2005	R-A	R1.20	NDE-5423-CC CC05-IU-057	Accept
					2/25/2005	R-A	R1.20	NDE-5710-CC CC05-IV-070	Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164750	3-PS-2002 - 2-CV-10	2-CV-100F VALVE BOLTING	064-A	35SH0001, SHC	2/26/2005	B-G-2	B7.70	NDE-5712-CC CC05-IV-076	Accept
	<u>Comments:</u>	No Recordable Indications Noted							
110170	30-RC-21B - 5	ELBOW TO PIPE	064-A	2024-0004, -00C	3/7/2005	R-A	R1.20	NDE-5411-CC CC05-IU-056	Accept
	<u>Comments:</u>	Bare metal visual examination done in accordance with EPRI MRP examination guidance.							
111310	30-RC-22A - 10	SAFE END TO PIPE	064-A	2024-0004, -00C	2/26/2005	R-A	R1.20	NDE-5710-CC CC05-IV-077	Accept
	<u>Comments:</u>	The UT examination was performed in accordance with the CCNPP RI-ISI Program a Bare Metal Visual for boric acid leakage was also performed both exams were satisfactory with no indications noted.							
136090	4-PS-2003 - 8	SAFE END TO NOZZLE	064-A	91305SH0001	2/25/2005	R-A	R1.11	NDE-5423-CC CC05-IU-021	Accept
					2/25/2005	R-A	R1.11	NDE-5710-CC CC05-IV-067	Accept
					2/25/2005	R-A	R1.11	NDE-5423-CC CC05-IU-022	Accept
					2/25/2005	R-A	R1.11	NDE-5423-CC CC05-IU-023	Accept
	<u>Comments:</u>	No Recordable Indications Noted							
140020	4-SR-2002 - 3	ELBOW TO ELBOW	064-A	91317SH0002	2/24/2005	R-A	R1.11	NDE-5412-CC CC05-IU-017	Accept
	<u>Comments:</u>	No Recordable Indications Noted							
140060	4-SR-2002 - 7	PIPE TO ELBOW	064-A	91317SH0002	2/24/2005	R-A	R1.11	NDE-5412-CC CC05-IU-016	Accept
	<u>Comments:</u>	No recordable indications.							
141000	4-SR-2005 - 1	NOZZLE TO SAFE END	064-A	91317SH0002	2/24/2005	R-A	R1.20	NDE-5710-CC CC05-IV-158	Accept
					2/24/2005	R-A	R1.20	NDE-5423-CC CC05-IU-028	Accept
	<u>Comments:</u>	No recordable indications.							
142000	4-SR-2006 - 1	NOZZLE TO SAFE END	064-A	91317SH0002	2/25/2005	R-A	R1.20	NDE-5710-CC CC05-IV-159	Accept
					2/25/2005	R-A	R1.20	NDE-5423-CC CC05-IU-029	Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
601950	4-SR-2006 - R-6	COMPONENT SUPPORT	064-A	91317SH0002	3/7/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-157 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
107090	42-RC-21 - 3	PIPE TO ELBOW	064-A	4-0004, -0005, -	3/4/2005	R-A	R1.20	NDE-5411-CC	CC05-IU-045 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
108070	42-RC-22 - 3	PIPE TO ELBOW	064-A	4-0004, -0005, -	2/27/2005	R-A	R1.20	NDE-5411-CC	CC05-IU-031 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164700	6-SI-2001 - 2-SI-118	2-SI-118 VALVE BOLTING	052	91298SH0002	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-061 Accept
	<u>Comments:</u>	No recordable indications.							
164720	6-SI-2003 - 2-SI-138	2-SI-138 VALVE BOLTING	052	91298SH0004	2/25/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-074 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
601530	6-SI-2003 - R-35	COMPONENT SUPPORT	052	91298SH0004	3/1/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-101 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
164730	6-SI-2004C - 2-SI-14	2-SI-148 VALVE BOLTING	052	91298SH0003	2/24/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-063 Accept
	<u>Comments:</u>	No recordable indications.							
103220	MANWAY NUTS 1-2	MANWAY NUTS 1-20	064-A		3/5/2005	B-G-2	B7.20	NDE-5712-CC	CC05-IV-136 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
103210	MANWAY STUDS 1-	MANWAY STUDS 1-20	064-A		3/5/2005	B-G-2	B7.20	NDE-5712-CC	CC05-IV-135 Accept
	<u>Comments:</u>	No recordable indications noted.							
165080	PP-SLT-1	PIPING SYSTEM LEAKAGE TEST	064-C		3/13/2005	B-P	B15.50	NDE-5710-CC	CC05-IV-190 Accept
	<u>Comments:</u>	No recordable indications noted.							
165020	PRZR-SLT-1	PRESSURIZER SYSTEM LEAKAGE TEST	064-A		3/13/2005	B-P	B15.20	NDE-5710-CC	CC05-IV-188 Accept
	<u>Comments:</u>	No indications noted							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
103230	PZR LWR LVL TAP	PZR LOWER LEVEL TAP MNSA S/N B007-02	064	9-0015,0017,78,	2/24/2005	B-G-2	B7.20	NDE-5710-CC	CC05-IV-091 Accept
	<u>Comments:</u>	No recordable Indications Noted							
103240	PZR LWR LVL TAP	PZR LOWER LEVEL TAP MNSA S/N B007-03	064	9-0015,0017,78,	2/24/2005	B-G-2	B7.20	NDE-5710-CC	CC05-IV-137 Accept
	<u>Comments:</u>	BARE METAL VISUAL EXAMINATION OF THE MID LEVEL MNSA.							
103250	PZR MID LVL TAP	PZR MID LEVEL TAP MNSA S/N B006-03	064	9-0015,0017,78,	3/2/2005	B-G-2	B7.20	NDE-5710-CC	CC05-IV-046 Accept
	<u>Comments:</u>	No recordable indications noted.							
165000	RV-SLT-1	REACTOR VESSEL SYSTEM LEAKAGE TEST	064-C		3/13/2005	B-P	B15.10	NDE-5710-CC	CC05-IV-187 Accept
	<u>Comments:</u>	No recordable Indications.							
602530	2-DR-2005 - S-1	COMPONENT SUPPORT	064-A	FSK-MP-3194	3/2/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-115 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
602550	2-LD-2004 - S-1	COMPONENT SUPPORT	041	FSK-MP-3142	3/2/2005	F-A	F1.10C	NDE-5711-CC	CC05-IV-116 Accept
	<u>Comments:</u>	Light to medium rust on component.							
602580	2-LD-2004 - S-4	COMPONENT SUPPORT	041	FSK-MP-3142	2/27/2005	F-A	F1.10B	NDE-5711-CC	CC05-IV-086 Accept
	<u>Comments:</u>	No recordable Indications noted.							
165040	SG-SLT-1	STEAM GENERATOR SYSTEM LEAKAGE TEST	064-C		3/13/2005	B-P	B15.30	NDE-5710-CC	CC05-IV-189 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
164570	SI-217 ON 12-SI-200	2-SI-217 VALVE BOLTING	052	91298SH0002	2/27/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-082 Accept
	<u>Comments:</u>	No Indications noted.							
164590	SI-247 ON 12-SI-201	2-SI-247 VALVE BOLTING	052	91298SH0003	2/27/2005	B-G-2	B7.70	NDE-5712-CC	CC05-IV-087 Accept
	<u>Comments:</u>	No recordable indications noted.							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner: Constellation Energy , 750 East Pratt Street, Baltimore MD 21202
 2. Plant: Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657
 3. Plant Unit: 2

4. Owner Certificate of Authorization (If Req.) N/A
 5. Commercial Service Date: 04/01/1977
 6. National Board Number for Unit: 20912

Class 1 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
165120	VLV-SLT-1	VALVES SYSTEM LEAKAGE TEST	064-C		3/13/2005	B-P	B15.70	NDE-5710-CC	CC05-IV-191 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
104205	21 COLD LEG MAN	SG 21 CL MANWAY STUDS	064		3/2/2005	B-G-1	B6.90	NDE-5712-CC	CC05-IV-119 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
104206	21 COLD LEG MAN	SG 21 CL MANWAY NUTS AND WASHERS	064		3/2/2005	B-G-1	B6.110	NDE-5712-CC	CC05-IV-120 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
104225	21 HOT LEG MANW	SG 21 HL MANWAY STUDS	064		3/2/2005	B-G-1	B6.90	NDE-5712-CC	CC05-IV-121 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
104226	21 HOT LEG MANW	SG 21 HL MANWAY NUTS AND WASHERS	064		3/2/2005	B-G-1	B6.110	NDE-5712-CC	CC05-IV-122 Accept
	<u>Comments:</u>	No recordable Indications Noted							
105205	22 COLD LEG MAN	SG 22 CL MANWAY STUDS	064		3/5/2005	B-G-1	B6.90	NDE-5414-CC	CC05-IU-047 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS			3/4/2005	B-G-1	B6.90	NDE-5712-CC	CC05-IV-128 Accept
105206	22 COLD LEG MAN	SG 22 CL MANWAY NUTS AND WASHERS	064		3/4/2005	B-G-1	B6.110	NDE-5712-CC	CC05-IV-127 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
105225	22 HOT LEG MANW	SG 22 HL MANWAY STUDS	064		3/3/2005	B-G-1	B6.90	NDE-5712-CC	CC05-IV-124 Accept
	<u>Comments:</u>	No Recordable Indications Noted			3/5/2005	B-G-1	B6.90	NDE-5414-CC	CC05-IU-046 Accept
105226	22 HOT LEG MANW	SG 22 HL MANWAY NUTS AND WASHERS	064		3/3/2005	B-G-1	B6.110	NDE-5712-CC	CC05-IV-125 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
103525	PZR Upper Level Tap	PZR Upper Level Taps (Four)	064		3/6/2005	---	---	NDE-5710-CC	CC05-IV-153 Accept

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 1 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
	<u>Comments:</u>	No Recordable Indications Noted							
161005	2-DR-2007-1	PIPING NOZZLE TO SAFE END WELD OVERLAY	064-A	FSK-MP-3148H					
					3/3/2005	N/A	---	NDE-5422-CC	CC05-IU-051 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
161195	2-LD-2004 - 1	PIPING NOZZLE TO SAFE END WELD OVERLAY	041	FSK-MP-3142					
					3/8/2005	N/A	---	NDE-5422-CC	CC05-IU-059 Accept
					3/8/2005	N/A	---	NDE-5403-CC	CC05-IU-060 Accept

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 2 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
	<u>Comments:</u>	No Recordable Indications Noted							
278050	10-SC-2014 - 14	ELBOW TO PIPE	052	197SH027, SH0	12/9/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-045 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
278900	10-SC-2014 - 28	ELBOW TO PIPE	052	197SH027, SH0	1/12/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-008 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
277750	10-SC-2014 - 8	ELBOW TO PIPE	052	197SH027, SH0	12/13/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-049 Accept
	<u>Comments:</u>	No Recordable Indications Noted. Limitation due to adjacent nozzle and one sided exam.							
215100	10-SI-2002 - 3	PIPE TO VALVE 2-SI-446	052	91097SH0029	12/7/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-044 Accept
					12/8/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-050 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
215400	10-SI-2002 - 8	ELBOW TO TEE	052	91097SH0029	12/9/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-046 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
215550	10-SI-2003 - 2	PIPE TO REDUCER	052	97SH0021, SHC	1/5/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-001 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
275350	12-SC-2008 - 4	ELBOW TO ELBOW	052	91379, 91380	12/7/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-043 Accept
	<u>Comments:</u>	Nut found without full thread engagement. MO 2200500216 corrected this condition and it was verified to have full thread engagement.							
723350	12-SC-2015 - H-6	COMPONENT SUPPORT	052	91378, 91380	3/11/2005	F-A	F1.20C-SP	NDE-5711-CC	CC05-IV-164 Accept
					1/18/2005	F-A	F1.20C-SP	NDE-5711-CC	CC05-IV-016 EngDisp
	<u>Comments:</u>	No recordable indications noted.							
212500	12-SI-2004A - 17	ELBOW TO PIPE	052	7SH28, SH29, S	1/13/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-009 Accept
	<u>Comments:</u>	No recordable indications noted.							
212550	12-SI-2004A - 18	PIPE TO TEE	052	7SH28, SH29, S	1/14/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-011 Accept
	<u>Comments:</u>	No recordable indications.							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 2 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
212650	12-SI-2004A - 20	PIPE TO PIPE	052	7SH28, SH29, 9	1/18/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-005 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
212850	12-SI-2004A - 23	PIPE TO ELBOW	052	7SH28, SH29, 9	1/18/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-006 Accept
	<u>Comments:</u>	NO INDICATIONS NOTED							
213700	12-SI-2004A - 37	PIPE TO ELBOW	052	7SH28, SH29, 9	1/18/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-007 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
704800	12-SI-2016 - H-12	COMPONENT SUPPORT	052	91379, 91381	1/6/2005	F-A	F1.20A	NDE-5711-CC	CC05-IV-006 Accept
	<u>Comments:</u>	The as found conditions were found to be acceptable in accordance with ES200500031.							
704850	12-SI-2016 - R-9	COMPONENT SUPPORT	052	91379, 91381	1/6/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-005 EngDisp
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
272850	14-SC-2003 - 26	ELBOW TO PIPE	052	358, 91320, 915	12/13/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-048 Accept
	<u>Comments:</u>	No recordable indications noted.							
209500	14-SI-2001 - 2	ELBOW TO TEE	052	360, 91907SH00	12/15/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-053 Accept
	<u>Comments:</u>	No recordable indications noted.							
209700	14-SI-2004 - 2	TEE TO ELBOW	052	91577	12/15/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-054 Accept
	<u>Comments:</u>	Initial examination found several discrepancies all were found to be acceptable by engineering except missing shims which were installed under MO 2200500045 and re-examined.							
703250	14-SI-2004 - R-20	COMPONENT SUPPORT	052	91577	1/5/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-001 EngDisp
					3/8/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-163 Accept
	<u>Comments:</u>	Previously recorded geometric indications verified.							
290445	16-FW-2009 - 1A	ELBOW TO VALVE 2-MOV-4517	045	62345SH0003	2/24/2005	AUGMT	HELB	NDE-5411-CC	CC05-IU-020 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
701750	18-SI-2003 - R-4	COMPONENT SUPPORT	052	91388, 91097S	3/3/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-117 Accept
	<u>Comments:</u>	No indications noted.							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 2 Components

Summary No.	Component ID	Component Description	System	ISO No.	Exam Date	Category	Item	Procedure	Method / Sheet / Results
293450	24-SI-2001 - 2-SI-41	2-SI-4149 TOTAL OF 2 WELDS	052	91097SH0019	1/14/2005	C-G	C6.20	NDE-5210-CC	CC05-IP-002 Accept
	<u>Comments:</u>	No recordable indications noted.							
714500	3-SI-2014 - A-1	COMPONENT SUPPORT	052	91390	2/7/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-039 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
711560	4-SI-2004 - H-6	COMPONENT SUPPORT	052	997SH0023, 911	12/9/2004	F-A	F1.20A	NDE-5711-CC	CC04-IV-187 Accept
	<u>Comments:</u>	NO RECORDABLE CONDITIONS FOUND							
711565	4-SI-2004 - R-4	COMPONENT SUPPORT	052	997SH0023, 911	12/9/2004	F-A	F1.20B	NDE-5711-CC	CC04-IV-188 Accept
	<u>Comments:</u>	NO RECORDABLE CONDITIONS FOUND							
711915	4-SI-2005A - R-11	COMPONENT SUPPORT	052	91097SH0025	1/4/2005	F-A	F1.20C-SN	NDE-5711-CC	CC04-IV-190 Accept
	<u>Comments:</u>	No recordable indications noted.							
243300	4-SI-2009 - 11	ELBOW TO ELBOW	052	91384	1/12/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-002 Accept
	<u>Comments:</u>	PREVIOUSLY RECORDED GEOMETRY OBSERVED							
244350	4-SI-2009 - 29	ELBOW TO BRANCH CONNECTIO	052	91384	1/13/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-004 Accept
	<u>Comments:</u>	Root geometry indications seen 360 degrees.							
289950	6-MS-2008 - 8	PIPE TO ELBOW	083	62345SH0001	2/23/2005	AUGMT	HELB	NDE-5411-CC	CC05-IU-019 Accept
	<u>Comments:</u>	No Recordable Indications							
290000	6-MS-2008 - 9	ELBOW TO PIPE	083	62345SH0001	2/23/2005	AUGMT	HELB	NDE-5411-CC	CC05-IU-018 Accept
	<u>Comments:</u>	ROOT GEOMETRY DETECTED							
222350	6-SI-2001A - 8	PIPE TO ELBOW	052	997SH0024, 911	1/17/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-012 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
224050	6-SI-2003A - H-8, R-	INTEGRALLY WELDED ATTACHMENT	052	91097SH0025	1/6/2005	C-C	C3.20	NDE-5210-CC	CC05-IP-001 Accept
	<u>Comments:</u>	ESP # ES200500064 SUPP NO. 0 ACCEPTED THE AS FOUND CONDITION AS ACCEPTABLE AS IS.							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 2 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
707750	6-SI-2003A - H-8, R-	COMPONENT SUPPORT	052	91097SH0025	1/11/2005	F-A	F1.20C-SN	NDE-5711-CC	CC05-IV-009 EngDisp
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
235700	6-SI-2204 - H-5	INTEGRALLY WELDED ATTACHMENT	052	298SH0003, 91'	3/3/2005	C-C	C3.20	NDE-5210-CC	CC05-IP-003 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
711200	6-SI-2204 - H-5	COMPONENT SUPPORT	052	298SH0003, 91'	3/3/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-118 Accept
	<u>Comments:</u>	NO RECORDABLE CONDITIONS FOUND							
718350	8-CS-2003 - H-28	COMPONENT SUPPORT	061	91097SH0027	1/6/2005	F-A	F1.20A	NDE-5711-CC	CC05-IV-004 Accept
	<u>Comments:</u>	No recordable indications noted.							
263850	8-CS-2004 - R-3	INTEGRALLY WELDED ATTACHMENT	061	91097SH0028	12/14/2004	C-C	C3.20	NDE-5210-CC	CC04-IP-023 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
718800	8-CS-2004 - R-3	COMPONENT SUPPORT	061	91097SH0028	12/14/2004	F-A	F1.20B	NDE-5711-CC	CC04-IV-189 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
264200	8-CS-2005 - 3	PIPE TO ELBOW	061	380, 91386, 911	12/15/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-052 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
720550	8-CS-2006 - RH-3	COMPONENT SUPPORT	061	379, 91188, 913	1/13/2005	F-A	F1.20A	NDE-5711-CC	CC05-IV-013 Accept
	<u>Comments:</u>	ONE SIDED EXAM DUE TO CONFIGURATION. ROOT GEOMETRY DETECTED							
279100	8-SC-2006 - 1	WELDOLET TO PIPE	052	91577	1/13/2005	R-A	R1.20	NDE-5412-CC	CC05-IU-010 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
724450	8-SC-2007 - H-6	COMPONENT SUPPORT	052	91379	1/6/2005	F-A	F1.20A	NDE-5711-CC	CC05-IV-003 Accept
	<u>Comments:</u>	No Recordable Indications Noted							
280550	8-SC-2010 - 5	TEE TO TEE	052	91380	12/14/2004	R-A	R1.20	NDE-5412-CC	CC04-IU-051 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class 2 Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
716200	2-SI-2012 - S-2	COMPONENT SUPPORT	052	FSK-MP-3810	2/7/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-038 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
714900	2-SI-2003 - S-3	COMPONENT SUPPORT	052	MP-3450H, 34	1/17/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-019 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS NOTED							
715450	2-SI-2003 - S-7A	COMPONENT SUPPORT	052	MP-3450H, 34	1/18/2005	F-A	F1.20B	NDE-5711-CC	CC05-IV-021 Accept
	<u>Comments:</u>	No Recordable Indications Noted.							
201700	SCHE-22-2	CHANNEL COVER TO SHELL FLANGE	052		1/13/2003	C-A	C1.10	NDE-5418-CC	CC05-IU-003 Accept
	<u>Comments:</u>	NO RECORDABLE INDICATIONS							
200800	SG-22-4	UPPER ASSY TO TRANSITION ASSEMBLY	064-C	91484	3/3/2005	C-A	C1.10	NDE-5419-CC	CC05-IU-042 Accept

Attachment 1 Inservice Inspection Report 3rd Interval/2nd Period/2nd Outage

1. Owner:	Constellation Energy , 750 East Pratt Street, Baltimore MD 21202	4. Owner Certificate of Authorization (If Req.)	N/A
2. Plant:	Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657	5. Commercial Service Date:	04/01/1977
3. Plant Unit:	2	6. National Board Number for Unit:	20912

Class NC Components

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>System</u>	<u>ISO No.</u>	<u>Exam Date</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
	<u>Comments:</u>	THIS EXAM WAS PERFORMED IN ACCORDANCE WITH REGULATORY GUIDE 1.14 FOR RCP FLYWHEEL EXAMS							
901350	2S-77P108	RCP MOTOR FLYWHEEL ORIGINAL 21B(Currently 22A)	064B		2/27/2005	AUGMT	---	NDE-5420-CC CC05-IU-036	Accept
901400	2S-79P528	RCP MOTOR FLYWHEEL ORIGINAL 22A(Currently 21A)	064B			AUGMT	---	NDE5420-CC CC05-IU-026	
	<u>Comments:</u>	This examination performed in accordance with Regulatory Guide 1.14							
901450	3S-79P528	RCP MOTOR FLYWHEEL ORIGINAL 22B(Currently Spare)	064B		10/13/2004	AUGMT	---	NDE5420-CC CC04-IU-040	Accept
					10/13/2004	AUGMT	---	NDE5420-CC CC04-IU-042	Accept
					10/13/2004	AUGMT	---	NDE-5110-CC CC04-IM-014	Accept
					10/6/2004	AUGMT	---	NDE5420-CC CC04-IU-038	Accept
					10/13/2004	AUGMT	---	NDE5420-CC CC04-IU-041	Accept
					10/6/2004	AUGMT	---	NDE5420-CC CC04-IU-039	Accept
	<u>Comments:</u>	THIS EXAM WAS PERFORMED IN ACCORDANCE WITH REGULATORY GUIDE 1.14 FOR RCP FLYWHEEL EXAMINATIONS							
901500	89P957	RCP MOTOR FLYWHEEL ORIGINAL Spare(Currently 22B)	064B		2/27/2005	AUGMT	---	NDE-5420-CC CC05-IU-035	Accept

ENCLOSURE (2)

**CALVERT CLIFFS NUCLEAR POWER PLANT,
INSERVICE INSPECTION SUMMARY REPORT
FOR CALVERT CLIFFS UNIT 2
ASME BOILER & PRESSURE VESSEL CODE
SECTION XI, FORM NIS-2**

2005-2 Class 1 and 2 NIS-2's Completed

MWO No.	R&R Number	Unique Equipment ID #	Sect. XI Class
2200201103	2002-0-002	0CKVFP-145B	Two
2200302013	2003-2-036a	2HVRC-139/-140	One
	2003-2-036b	2#CC-17, 1" & under	One
2200300278	2003-2-046a	2CKVCVC-165	Two
	2003-2-046b	2#CC7-2001	Two
2200300279	2003-2-047a	2CKVCVC-171	Two
	2003-2-047b	2#CC7-2002	Two
2200300280	2003-2-048a	2CKVCVC-177	Two
	2003-2-048b	2#CC7-2003	Two
2200302224	2003-2-050	2PUMPCVCBA22	Two
2200302552	2003-2-052a	2HVBD-211	Two
	2003-2-052b	2#EB6-2022	Two
2200302039	2003-2-057	2CV100F	One
2200301150	2003-2-067	2ACC233X-SUP	Two
2200203121	2003-2-068	2ACC233Z-SUP	Two
2200203983	2004-2-034a	2CKVSI-424	Two
	2004-2-034b	2#DC2-2001	Two
2200305332	2004-2-043	2RV468	Two
2200302850	2004-2-048a	2HVCVC-234	Two
	2004-2-048b	2#HC7-2022	Two
2200304797	2004-2-050	2PUMPRC21B(s)	One
2200305333	2004-2-053a	2RV469	One
	2004-2-053b	2#CC14-2004	One
2200304728	2004-2-056	2ERV402	One
2200304926	2004-2-057	2ERV404	One
2200303650	2004-2-062d	2PZVRX21	One
2200304802	2004-2-065a	2RV200	One
	2004-2-065b	2#CC10-2007	One
2200304804	2004-2-066a	2RV201	One
	2004-2-066b	2#CC10-2008	One
2200402141	2004-2-067	2#CC10-2004-H61	One
2200402142	2004-2-068	2#CC10-2003-H35B	One
2200201447	2004-2-077	2PZVRC21	One
	2004-2-077a	2#CC8-2003	One
2200400902	2005-2-001a	2#CC9-2007	One
	2005-2-001b	2#CC3-2004	One
2200500045	2005-2-004	2#GC5-2004-R20	Two
2200500495	2005-2-006	2ACC233X	Two
2200500725	2005-2-008	2SV105	One
2200500765	2005-2-010	2MOV651	One
SNUB POOL	SNUB-0-005	*SNUBBER POOL	1, 2, & 3

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/10/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2002-0-002, MWO No. 2200201103
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 013 System Name: Fire Protection

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970
Add; Class 2, CCase 1427

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	SN: 193	N/A	Unit #2 Fire Protection Check Valve (Containment Isolation)	1977	Repaired/Replaced	No
Valve Disc	Velan Engineering Co.	33429-GX SN: 3015	N/A	Disc, 6" 150Lb, Full Bore Swing Check Vlv., SA-105 Gr II or SA-216 Gr WCB, BGEDRWG 12717-0018, item#4	1983	Replacement	No

7. Description of Work:

This plan was for the weld repairs and parts needed to rebuild 0-CKVFP-145B, Unit #2 Fire Protection Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

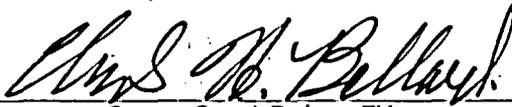
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp:	<u>N/A</u>	
Certificate of Authorization No.:	<u>N/A</u>	Expiration Date: <u>N/A</u>
Signed: _____	 Charles H. Ballard Engineering Technician	Date: <u>5/10/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>10-11-04</u> to <u>3-16-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
_____ Inspector's Signature	Commissions: <u>NB 9831, MD1176, ANIF</u> National Board, State, and Endorsements
Date: <u>5-12</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/10/2005
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-036a, MWO No. 2200302013
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1971 Edition, Win. 1972 Add, Class 1
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	ASME Repaired, Replaced, or Stamped (Yes or No)	Code
Valve	Rockwell Univalve	2-HVRC-140	N/A	Isolation valves off 21A Reactor Coolant Pump for 2-PDT-123A, Inlet side	1976	Repaired/Replaced	Yes
Globe Valve	Rockwell International Flow Control Division	95246-GX SN: PA472	N/A	Valve, Globe, 1 in., 1500 lb., Socketweld, Rockwell-Edward, SA-182, Gr. F316, 12847-0003, item 10	1976	Replacement	Yes

7. Description of Work:
 This plan was for the replacement of 2-HVRC-140, Second Isolation valve off 21A Reactor Coolant Pump for 2-PDT-123A, Inlet side.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.

Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: *Charles H. Ballard* Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/10/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 10-26-04 to 3-24-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

John Lewis Commissions: NB9831, MD 1176, ANII
 Inspector's Signature National Board, State, and Endorsements
 Date: 5-11 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/10/2005
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-036b, MWO No. 2200302013
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 1
 (b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Piping System	Bechtel	CC-17	N/A	Reactor Cooling Pump Pressure Differential piping	1970	Repaired/Replaced	No
Tubing	Consolidated Power Supply	20439 Ht.#: 5763H	N/A	Tubing, 3/4 in. X .065 Wall, ASME SA 213, Tp. 316	1998	Replacement	No
Pipe	Consolidated Power Supply	20439 Ht.#: 440736	N/A	Pipe, 1 in. Sch. 160, ASME SA-376, Tp. 316	1998	Replacement	No
Adapter	RG Group	408379 Ht. Code: CHTC	N/A	Adapter, 1 in. X 3/4 in. Pipe/Tubing, Parker, P/N 12-1-AW-SS, ASTM/ASME A/SA182 or A/SA479, Gr. F316	2002	Replacement	No
Tubing Union	Die-A-Matic Inc.	F-2531 Ht.#: 305A	N/A	Union, Tubing, 3/4 in. Parker Hannifin, P/N 12HW-SS, ASTM/ASME A/SA182 or A/SA479, Gr. F316	1975	Replacement	No

7. Description of Work:
 This plan was for the piping and fittings needed to support the replacement of 2-HVRC-140, Second Isolation valve off 21A Reactor Coolant Pump for 2-PDT-123A, Inlet side.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

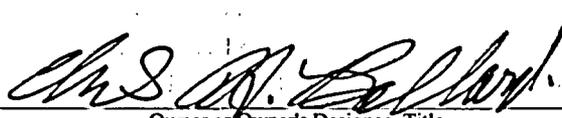
No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

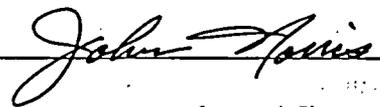
Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/10/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 10-26-04 to 3-24-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: UB9831, MD1171, A, N, T, I
 Inspector's Signature National Board, State, and Endorsements

Date: 5-11 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-046a, MWO No. 2200300278
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	SN: 3540	N/A	#21 Reactor Coolant Charging Pump discharge Check Valve	1977	Repaired/Replaced	Yes
Check Valve	Enertech Inc.	408934 SN: 11272	N/A	Valve, Nozzle Check, 2 in., 1500 lb., Large Groove connections, Enertech, Tp. KRV (Mark # 212M3N)	2002	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-CKVCVC-165, #21 Reactor Coolant Charging Pump discharge Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2328 psi. Test Temperature: 119 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

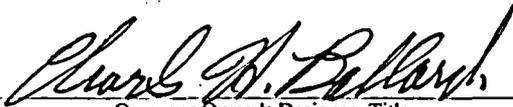
A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/9/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx, have inspected the components described in this Owner's Report during the period 5-26-03 to 1-14-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB9831, MD1171, ANIF
 Inspector's Signature National Board, State, and Endorsements

Date: 5-23 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-046b, MWO No. 2200300278
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2" CC-7-2001	N/A	#21 Charging Pump discharge piping to #21 Charging Header.	1977	Repaired/Replaced	No
Pipe	DuBose National Energy Services Inc.	400298 Ht #: 8324H	N/A	Pipe, 2 in., Sch. 160, ASME SA-376, Tp. 316	2000	Replacement	No
Nut	Mackson Inc.	400066 Heat Code: JJK	N/A	Nut, Heavy Hex, 7/8 in. X 9 TPI, ASME SA-194, Gr. 2H	2000	Replacement	No
Allthread Rod	Mackson Inc.	410155 Ht.#: S20751	N/A	Rod, Allthread, 7/8 in. X 9 TPI, ASME SA-193, Gr. B7	2003	Replacement	No
Flange	DuBose National Energy Services Inc.	409374 Ht. Code: BIIZ	N/A	Flange, 2 in., 1500 lb., Large Tongue, Socketweld, ASME SA-182, Gr. F316	2003	Replacement	No

7. Description of Work:
 This plan was for the work, materials needed to support the replacement of 2-CKVCVC-165, #21 Reactor Coolant Charging Pump discharge Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2328 psi. Test Temperature: 119 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-1 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-1 and Reg.Guide 1.147.

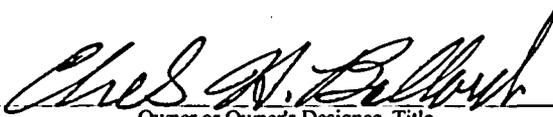
Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.

Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/9/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 5-26-03 to 1-14-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NR 9831, MD 111, ANI
 Inspector's Signature National Board, State, and Endorsements
 Date: 5-23 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Date: 10/18/2004

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Unit: Two

R&R No. 2003-2-047a, MWO No. 2200300279

(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept.
(name)
1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Exp Date: N/A

Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced (Yes or No)	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	SN: 3534N11C4128	N/A	#22 Reactor Coolant Charging Pump discharge Check Valve	1977	Repaired/Replaced	No
Check Valve	Enertech Inc.	408934 SN: 11267	N/A	Valve, Nozzle Check, 2 in., 1500 lb., Large Groove connections, Enertech, Tp. KRV (Mark # 212M3N)	2002	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-CKVCVC-171, #22 Reactor Coolant Charging Pump discharge Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: _____ Inservice: Leakage: Functional:
 Pressure: 2350 psi. Test Temperature: 120 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.

Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 10/18/2004

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 8-25-03 to 10-15-04, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NAT'L BD 6030

Date: 11-11- 2004 Inspector's Signature National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Date: 10/18/2004

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Unit: Two

R&R No. 2003-2-047b, MWO No. 2200300279
(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept.
(name)
1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Exp Date: N/A
 Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement (Yes or No)	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2" CC-7-2002	N/A	#22 Charging Pump discharge piping to #21 Charging Header.	1977	Repaired/Replaced	No
Pipe	DuBose National Energy Services Inc.	400298 Ht #: 8324H	N/A	Pipe, 2 in., Sch. 160, ASME SA-376, Tp. 316	2000	Replacement	No
Nut	Mackson Inc.	408227 Ht. #: S44018	N/A	Nut, Heavy Hex, 7/8 in. X 9 TPI, ASME SA-194 Gr. 2H	2002	Replacement	No
Allthread Rod	Mackson Inc.	410155 Ht. #: S20751	N/A	Rod, Allthread, 7/8 in. X 9 TPI, ASME SA-193 Gr. B7	2003	Replacement	No
Flange	DuBose National Energy Services Inc.	409374 Ht. Code: BHIZ	N/A	Flange, 2 in., 1500 lb., Large Tongue, Socketweld, ASME SA-182, Gr. F316	2003	Replacement	No

7. Description of Work:
 This plan was for the work, piping, flanges and fasteners needed to support the replacement of 2-CKVCVC-171, #22 Reactor Coolant Charging Pump discharge Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2350 psi. Test Temperature: 120 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-2 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-2 and Reg.Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>10/18/2004</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>6-28-09</u> to <u>10-25-04</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 Inspector's Signature	Commissions: <u>NAT'L BD 6030</u> National Board, State, and Endorsements
Date: <u>11-11-</u> 200 <u>4</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/25/2005
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-048a, MWO No. 2200300280
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	2-CKVCVC-177	N/A	#23 Reactor Coolant Charging Pump discharge Check Valve	1977	Repaired/Replaced	No
Check Valve	Enertech Inc.	408934 SN: 11268	N/A	Valve, Nozzle Check, 2 in., 1500 lb., Large Groove connections, Enertech, Tp. KRV (Mark # 212M3N)	2002	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-CKVCVC-177, #22 Reactor Coolant Charging Pump discharge Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2300 psi. Test Temperature: 110 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/25/2005</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>6-26-03</u> to <u>5-24-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
Date: <u>5-25</u> Inspector's Signature 200 <u>5</u>	Commissions: <u>NB 9831, MD 1171, ANTI</u> National Board, State, and Endorsements

11256 thru
11273

Certificate Holder's Serial No.

8. Design conditions 2800 (pressure) psi 250 (temperature) °F or valve pressure class 1500 (1)

9. Cold working pressure 3600 psi at 100°F

10. Hydrostatic test 5400 psi. Disk differential test pressure N/A psi

11. Remarks: Qty. 18, Enertech Job Number 29345V

CERTIFICATION OF DESIGN

Design Specification certified by John R. Sponset, II P.E. State MD Reg. no. 17308
Design Report certified by Ira J. Silverman P.E. State CA Reg. no. 23241

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2826 Expires 10/11/05

Date 1/15/03 Name Enertech, A Div. of Curtiss-Wright Flow Control Corp. Signed *Paul E. Winters*
(N Certificate Holder) (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California and employed by HSB CT of Connecticut have inspected the pump, or valve, described in this Data Report on 1.15.03, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 1.15.03 Signed *Vincent F. Pyle* Commissions CA 1520 NB 9495 AN
(Authorized Inspector) (Nat'l. Bd. (Incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/25/2005
(name)
- 1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)
- 1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-048b, MWO No. 2200300280
(address) (P.O. no., job no., etc.)
3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two
4. Identification of System: System Number 041 System Name: Chemical Volume Control
5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition; Sum. 1971 Add; Class 2
 (b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2" CC-7-2003	N/A	Charging Pumps discharge piping to Containment Penetration #28.	1977	Repaired/Replaced	No
Pipe	DuBose National Energy Services Inc.	400298 Hit #: 8324H	N/A	Pipe, 2 in., Sch. 160, ASME SA-376, Tp. 316	2000	Replacement	No
Nut	Mackson Inc.	408227 Hit #: S44018	N/A	Nut, Heavy Hex, 7/8 in. X 9 TPI, ASME SA-194, Gr. 2H	2002	Replacement	No
Allthread Rod	Mackson Inc.	410155 Hit #: S20751	N/A	Rod, Allthread, 7/8 in. X 9 TPI, ASME SA-193, Gr. B7	2003	Replacement	No
Flange	DuBose National Energy Services Inc.	409374 Hit Code: BIIZ	N/A	Flange, 2 in., 1500 lb., Large Tongue, Socketweld, ASME SA-182, Gr. F316	2003	Replacement	No

7. Description of Work:

This plan was for the piping, flanges and fasteners needed to support the replacement of 2-CKVCVC-177, #23 Reactor Coolant Charging Pump discharge Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2300 psi. Test Temperature: 110 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-1 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-1 and Reg.Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: _____	 Charles H. Ballard Engineering Technician	Date: <u>5/25/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>6-26-03</u> to <u>5-24-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
_____ Inspector's Signature	Commissions: <u>NB 9831, MD 1171, ANIF</u> National Board, State, and Endorsements
Date: <u>5-25</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/20/2004
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-050, MWO No. 2200302224
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: Combustion Engineering Spec 8067-487-404 Boric Acid Pump

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced (Yes or No)	ASME Code Stamped (Yes or No)
Pump	Dean Brothers Pump	SN: 105590	N/A	#22 Chemical & Volume Control Boric Acid Pump	1977	Repaired/Replaced	No
Capscrew	Cardinal Industrial Products Inc.	32255-GX Ht.#: 35449	N/A	Capscrew, Hex Head, 1/2 In. X 13 TPI X 3 In., ASTM A-449, Tp. 1 or SAE J429, Gr. 5, plated finish	1989	Replacement	No

7. Description of Work:

This plan was for the work and parts needed to rebuild 2-PUMPCVCBA-22, #22 Chemical & Volume Control Boric Acid Pump.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this Repair/Replacement conforms to the rules of the ASME Code, Section XI.

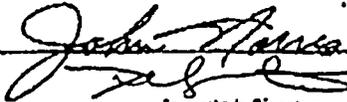
Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designer, Title Engineering Technician Date: 5/20/2004

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 8-12-03 to 4-2-04, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB9831, MD1171, AIT
 Inspector's Signature NB12779, MD1155
 Date: 5-24 2004 National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)

Date: 5/10/2005

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)

Unit: Two

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

R&R No. 2003-2-052a, MWO No. 2200302552
(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept.
(name)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Exp Date: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Section XI Class: Two

4. Identification of System: System Number 083 System Name: Main Steam & SG Blowdown

5. (a) Applicable Construction Code and Class: ASME B31.1.0, 1967 Edition, 1972 Add

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Vogt Valve Co.	2-HVBD-211	N/A	#21 Steam Generator Wet Layup Isolation Valve	2003	Repaired/Replaced	No
Gate Valve	Framatone Technologies Inc.	5360 SN: 951050-7	N/A	Valve, Gate, 2 in., 800 lb. Velan, Bolted Bonnet, Socket Weld, ASME SA-105	1997	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-HVBD-211, #21 Steam Generator Wet Layup Isolation Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
Pressure: 800 psi. Test Temperature: 530 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

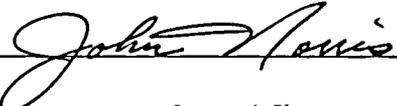
FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-1 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-1 and Reg.Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: <u></u>	Charles H. Ballard Engineering Technician	Date: <u>5/10/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>7-1-03</u> to <u>3-31-05</u>, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.</p> <p>By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.</p>	
<u></u> Inspector's Signature	Commissions: <u>NB9831, MD1171, ANI</u> National Board, State, and Endorsements
Date: <u>5-11</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/10/2005
 (name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
 (address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
 (name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-052b, MWO No. 2200302552
 (address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
 (address) Section XI Class: Two

4. Identification of System: System Number 083 System Name: Main Steam & SG Blowdown

5. (a) Applicable Construction Code and Class: ASME B31.1.0, 1967 Edition, 1972 Add
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Stamped (Yes or No)	ASME Code	
Piping System	SGT	2"EB-6-2022	N/A	# 21 Steam Generator Wet Layup line.	2003	Repaired/Replaced	No	
Pipe	DuBose National Energy Services Inc.	400298	Int.#: 710144	N/A	Pipe, 2 in., Sch. 80, ASME SA-106, Gr. B	2000	Replacement	No

7. Description of Work:
 This plan was for the work and materials needed to support the replacement of 2-HVBD-211, #21 Steam Generator Wet Layup Isolation Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 800 psi. Test Temperature: 530 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-1 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-1 and Reg.Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/10/2005</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>7-1-03</u> to <u>3-31-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 Inspector's Signature	Commissions: <u>N89821, MD1171, AUII</u> National Board, State, and Endorsements
Date: <u>5-11</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)

Date: 5/11/2005

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)

Unit: Two

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

R&R No. 2003-2-057, MWO No. 2200302039

(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept.
(name)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Exp Date: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.1.0, 1967 Edition, CCases N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	ITT Hammel Dahl	69-4130-002	N/A	#21B Pressurizer Spray Control Valve	1977	Repaired/Replaced	No
Bonnet	Flowserve Corporation	408740 SN: GX 913-1	N/A	Bonnet, Bellows, 3 in. 1500 lb. ITT Hammel-Dahl Angle Valve, BGEDRWG #12121-0006, item #2	2003	Replacement	No
Plug	Flowserve Corporation	400322 SN: 1	N/A	Plug for 3 in. 1500 lb. ITT Hammel-Dahl Angle Valve, BGEDRWG #12121-0006, item #6	2000	Replacement	No

7. Description of Work:

This plan was for the rebuilding and replacement of the Bonnet and Plug on 2-CV-100F, which is #21B Pressurizer Spray Control Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 532 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/11/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 8-21-03 to 5-11-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB 9831, MD 1171, AUTE
 Inspector's Signature National Board, State, and Endorsements

Date: 5-12 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 8/10/2004
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-067, MWO No. 2200301150
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
 Exp Date: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Section XI Class: Two
(address)

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced (Yes or No)	ASME Code Stamped
Pipe Support	Bechtel	2" CC-7-2001	N/A	#21 Charging Pump Discharge De-Surjer Restraint	1980	Repaired/Replaced	No

7. Description of Work:

This plan was for the modification work on the support/restraint around #21 Charging Pump Discharge De-surger.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
Engineering Technician Date: 8/10/2004
Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 10-28-03 to 11-3-03, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB 5232 NIS MD 1147
Inspector's Signature MD 12779, MD 1155
National Board, State, and Endorsements

Date: 9-1 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 10/18/2004
 (name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
 (address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
 (name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2003-2-068, MWO No. 2200203121
 (address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
 (address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced (Yes or No)	ASME Code Stamped (Yes or No)
Pipe Support	Bechtel	2ACC233Z-SUPPORT	N/A	#23 Charging Pump Discharge De-Surger Restraint	1980	Repaired/Replaced	No
Steel Plate	DuBose National Energy Services Inc.	400428 Ht.#:Y07703	N/A	Plate, Steel 1/2 in. X 48 in. X 96 in., ASME SA-36	2001	Replacement	No

7. Description of Work:

This plan was for the work on the support/restraint around #23 Charging Pump Discharge De-surger that is allowed by ES200300606-000. Shims are not considered Section XI work, but the welding was controlled by a Section XI WAT which is documented on the R&R Plan.

8. Tests Conducted: Hydrostatic: Pncumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed: <u><i>Charles H. Ballard</i></u> Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician	Date: <u>10/18/2004</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>12-10-09</u> to <u>9-15-04</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
<u><i>Spencer J. Garrison</i></u> Inspector's Signature	Commissions: <u>NAT'L BO 6030</u> National Board, State, and Endorsements
Date: <u>11-11-</u> 200 <u>4</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-034a, MWO No. 2200203983
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 052 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	SN: 3543	N/A	#21 High Pressure Safety Injection Pump Mini Flow Check Valve	1977	Repaired/Replaced	No
Check Valve	Enertech Inc.	411160 SN: 11312	N/A	Valve, Nozzle Check, 2 in., 1500 lb., Enertech KRV, Body SA-479, Tp. 316, Disc SA-564, Tp. 630/H11075	2004	Replacement	Yes

7. Description of Work:

This plan was for the work to replace 2-CKVSI-424, #21 High Pressure Safety Injection Pump Mini Flow Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 1300 psi. Test Temperature: 65 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: <u></u>	Charles H. Ballard Engineering Technician	Date: <u>5/9/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>6-9-04</u> to <u>3-21-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
<u></u>	Commissions: <u>NB9831, AD1171, ANIF</u>
Inspector's Signature	National Board, State, and Endorsements
Date: <u>5-10</u> <u>2005</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-034b, MWO No. 2200203983
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Dept. Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
 Exp Date: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Section XI Class: Two
(address)

4. Identification of System: System Number 052 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2" DC-2-2002	N/A	#21 High Pressure Safety Injection Pump Mini Flow Recirc. to Refueling Water Tank	1977	Repaired/Replaced	No
Pipe	Albert Pipe Supply Co. Inc.	F-5630 Ht.#: 496481	N/A	Pipe, 2 in., Sch. 80, ASME SA-376, Tp. 304	1970	Replacement	No
Nut	Mackson Inc.	408227 Ht.#: S44018	N/A	Nut, Heavy Hex, 7/8 in. X 9 TPI, ASME SA-194, Gr. 2H	2002	Replacement	No
Allthread Rod	Mackson Inc.	410155 Ht.#: S20751	N/A	Rod, Allthread, 7/8 in. X 9 TPI, ASME SA-193, Gr. B7	2003	Replacement	No
Flange	DuBose National Energy Services Inc.	411588 Ht.#: 31438 Code: BQL	N/A	Flange, 2 in., 1500 lb., Raised Face, Socketweld, ASME SA-182, Gr. F316	2003	Replacement	No
Coupling	DuBose National Energy Services Inc.	54906-GX Heat Code: EIG	N/A	Coupling, 2 in., 3000 lb., Socketweld, ASME SA-182, Gr. F316	1992	Replacement	No

7. Description of Work:
 This plan was for the piping, fittings and fasteners needed to support the replacement of 2-CKVSI-424, #21 High Pressure Safety Injection Pump Mini Flow Check Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:

Pressure: 1300 psi. Test Temperature: 65 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

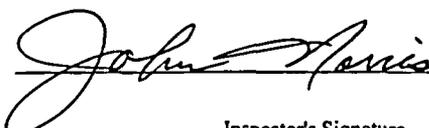
FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-2 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-2 and Reg. Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: <u></u>	Charles H. Ballard Engineering Technician	Date: <u>5/9/2005</u>
<small>Owner or Owner's Designee, Title</small>		

Certificate of Inservice Inspection	
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>6-9-04</u> to <u>3-21-05</u>, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.</p> <p>By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.</p>	
<u></u>	Commissions: <u>NB9831, MD1171, ANIT</u>
Date: <u>5-10</u> 200 <u>5</u>	Inspector's Signature National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/24/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-043, MWO No. 2200305332
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 052 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1971 Edition, Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Crosby Valve & Gage Co.	N55291-00-0003	N/A	Unit #2 Shutdown Cooling Return Header Relief Valve	1973	Repaired/Replaced	Yes
Disc	Crosby Valve & Gage Company	81093-GX SN: K55460-55-0061	N/A	Disc, Relief Valve, 1 1/2 in. ASTM A-479 Tp-316, Crosby JO-35-WR-S Type B, Dwg. 12791-0002, item #5A	1993	Replacement	Yes
Relief Valve	BGE CCNPP Shops	2200001654 N55291-00-0002	N/A	Valve, Relief, Nozzle Type, 1 1/2 in. X 2 1/2 in., Crosby JO-35-WR-S Type B, BGEDRWG #12791-0002	2001	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-RV-468, Unit #2 Shutdown Cooling Return Header Relief Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 300 psi. Test Temperature: 300 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: _____	 Charles H. Ballard Engineering Technician	Date: <u>5/24/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>1-10-05</u> to <u>5-15-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
_____ Inspector's Signature	Commissions: <u>NB9881, MD1171, ANTE</u> National Board, State, and Endorsements
Date: <u>5-25</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-048a, MWO No. 2200302850
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970
Add.

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	2-HVCVC-234	N/A	Boric Acid Pumps Common Header Recirc. Isolation Valve to #22 BAST	1977	Repaired/Replaced	No
Globe valve	Velan Engineering Co.	90585-GX SN: 951035-1	N/A	Valve, Globe, 2 in., 800 lb., Socketweld, ASME SA-182, Grade F316	1994	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-HVCVC-234, Boric Acid Pumps Common Header Recirc. Isolation Valve to #22 BAST.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 98 psi. Test Temperature: 150 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-2 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-2 and Reg.Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/9/2005</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>8-2-04</u> to <u>3-18-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 Inspector's Signature	Commissions: <u>NB 9831, MD 1171, ANTI</u> National Board, State, and Endorsements
Date: <u>5-23</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)

Date: 5/9/2005

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)

Unit: Two

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

R&R No. 2004-2-048b; MWO No. 2200302850

(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant
(name)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Exp Date: N/A

Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME B31.1.0, 1967 Edition, 1972 Add

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement (Yes or No)	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2"HC-7-2022	N/A	Boric Acid Pumps Common Header Recirc. piping to #22 BAST	1977	Repaired/Replaced	No
Pipe	Energy & Process Corporation	99883-GX Hlt.#: 439523	N/A	Pipe, 2 in., Sch. 40, ASME SA-376, Tp. 304	1995	Replacement	No

7. Description of Work:

This plan was for the pipe material needed to support the replacement of 2-HVCVC-234, Boric Acid Pumps Common Header Recirc. Isolation Valve to #22 BAST.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 98 psi. Test Temperature: 150 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. Code Case N-416-2 was invoked to satisfy Section XI required pressure tests. Additional Section III Examinations were performed (as applicable) to satisfy Code Case N-416-2 and Reg.Guide 1.147.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: _____	 Charles H. Ballard Engineering Technician	Date: <u>5/9/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>8-2-04</u> to <u>3-18-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
_____ Inspector's Signature	Commissions: <u>NB9831, MD 1171, AUII</u> National Board, State, and Endorsements
Date: <u>5-23</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.

(name)

Date: 5/13/2005

1650 Calvert Cliffs Parkway; Lusby, MD 20657

(address)

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant

(name)

Unit: Two

1650 Calvert Cliffs Parkway; Lusby, MD 20657

(address)

R&R No. 2004-2-050, MWO No. 2200304797

(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant

(name)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Exp Date: N/A

Section XI Class: One

1650 Calvert Cliffs Parkway, Lusby, MD 20657

(address)

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1983 Edition, Sum. 1983 Add; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
RCP Seal	Sulzer Bingham Inc.	SN: 1C865	NB 1237	#21B Reactor Coolant Pump Mechanical Seal	1988	Repaired/Replaced	Yes
Seal	BGE CCNPP Shops	1200003521 SN: 1C863	N/A	Seal, Cartridge Assembly (RCP) 875B-3V Complete Sulzer Bingham per FCR 87-0074	2002	Replacement	Yes

7. Description of Work:

This plan was for the replacement of the mechanical seal on #21B Reactor Coolant Pump.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 532 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.

Repair/Replacement

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: _____


Owner or Owner's Designee, Title

Charles H. Ballard
Engineering Technician

Date: 5/13/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 8-4-04 to 3-22-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.



Commissions: NB9831, MD1171, ANTI

Inspector's Signature

National Board, State, and Endorsements

Date: 5-13 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/17/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-053a, MWO No. 2200305333
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 052 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1971 Edition, Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Crosby Valve & Gage Co.	N55296-01-0033	N/A	Unit #2 Shutdown Cooling Containment Side Return Header Relief Valve	1973	Repaired/Replaced	Yes
Spring & Washer Ass.	Anderson Greenwood Crosby	403952 Wash: N96635-35-0016	N/A	Spring & Washer Assembly, Relief Valve, 3/4 X 1 in Crosby / JR-WR-S Type B, BGEDRWG #12791-0007	2002	Replacement	Yes
Spring & Washer Ass.	Anderson Greenwood Crosby	403952 Wash: N96635-35-0015	N/A	Spring & Washer Assembly, Relief Valve, 3/4 X 1 in Crosby / JR-WR-S Type B, BGEDRWG #12791-0007	2002	Replacement	Yes
Spring & Washer Ass.	Anderson Greenwood Crosby	403952 Spring: NX5883-0001	N/A	Spring & Washer Assembly, Relief Valve, 3/4 X 1 in Crosby / JR-WR-S Type B, BGEDRWG #12791-0007	2002	Replacement	Yes
Disc	C. B. Ives and Co., Inc.	06700LNP SN: N90151-33-0006&7	N/A	Disc, Relief Valve, Stellite #6B, Crosby /JR-WR-S Type B, BGEDRWG # 12791-0007, Item #3	1994	Replacement	Yes
Spindle	Crosby Valve & Gage Company	97101-GX SN: K55452-53-0075	N/A	Spindle Assembly, 3/4 X 1 in., Crosby /JR-WR-S, BGEDRWG #12791-7, Item #13A&B	1994	Replacement	Yes
Relief Valve	BGE CCNPP Shops	2200001655 SN: N55296-01-0010	N/A	Valve, Relief, Nozzle Type, 3/4 in. X 1 in., Style JR-WR-S Type B, BGEDRWG #12791-0007	2001	Replacement	Yes
Relief Valve Base	Crosby Valve & Gage Company	11605 SN: N89467-34-0005	N/A	Base, Relief Valve, 3/4 X 1 in., Crosby, P/N: N89467, ASME SA-479, Tp316, BGEDRWG 12791-007, Item 1	1997	Replacement	Yes

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form

FORM NIS-2 (Back)

7. Description of Work:

This plan was for the replacement of 2-RV-469, which is Shutdown Cooling Containment Side Return Header Relief Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
Pressure: N/A psi. Test Temperature: N/A Deg. F

9. Remarks:

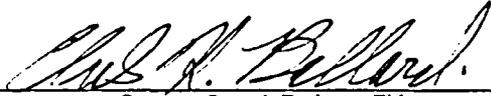
No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

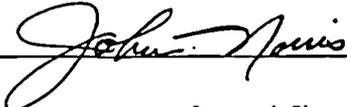
Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/17/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 2-9-05 to 3-10-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB9831, MD1171, ANLL
 Inspector's Signature National Board, State, and Endorsements

Date: 5-20 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Date: 5/17/2005
 Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Unit: Two
 R&R No. 2004-2-053b, MWO No. 2200305333
(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Exp Date: N/A
 Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 1
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced (Yes or No)	ASME Code Stamped (Yes or No)
Piping System	Bechtel	14"CC-14-2004	N/A	Shutdown Cooling Piping Through Containment to Isolation Valves	1977	Repaired/Replaced	No
Pipe	Tioga Pipe Supply Co. Inc.	402564 Ht.#: L42618	N/A	Pipe, 3/4 in. Sch. 160, ASME SA-376, Tp. 316	2001	Replacement	No
Coupling	Energy & Process Corporation	10487-GX Heat Code: EPM	N/A	Coupling, 3/4 in., 6000 lb., Socketweld, ASME SA-182, Gr. F316	1995	Replacement	No
Groove Flange	Hub Inc.	29600-GX Heat Code: D3350	N/A	Flange, 3/4 in., 1500 lb., Large Groove, Socketweld, ASME SA-182, Gr. F316	1990	Replacement	No

7. Description of Work:
 This plan was for the piping, fittings and welding that was needed to support the rebuilding and replacement of 2-RV-469, which is Shutdown Cooling Containment Side Return Header Relief Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: <u></u>	Charles H. Ballard Engineering Technician	Date: <u>5/17/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>2-9-05</u> to <u>3-10-05</u>, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.</p> <p>By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.</p>	
<u></u> Inspector's Signature	Commissions: <u>NB9831, MD171, ANIE</u> National Board, State, and Endorsements
Date: <u>5-20</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-056, MWO No. 2200304728
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1968 Edition, Win. 1968 Add; Class A, CCases 1581, N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Dresser Industrial Valve Co.	BY-68900	N/A	Unit #2 Pressurizer Electromatic Power Operated Safety Valve	1977	Repaired/Replaced	No
Electromatic Relief Valve	Dresser Industries Inc.	412311 SN:BM-07950	N/A	Valve, Pressurizer ERV, 2 1/2 in. 2500 lb., Consolidated Electromatic, P/N: 31533VX-30-2-XFF1-NC2005	2004	Replacement	No

7. Description of Work:

This plan was for the replacement of Unit-2 Pressurizer Power Operated Relief Valve 2-ERV-402.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 532 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

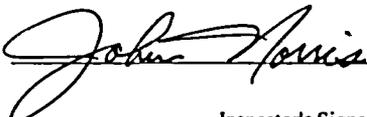
FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>	Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>
Signed: <u></u>		Date: <u>5/16/2005</u>
Owner or Owner's Designee, Title		Charles H. Ballard Engineering Technician

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>10-11-04</u> to <u>5-16-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 Inspector's Signature Date: <u>5-23</u> 200 <u>5</u>	Commissions: <u>NB9831, MD1171, ANIF</u> National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-057, MWO No. 2200304926
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1968 Edition, Win. 1968 Add; Class A, CCases 1581, N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Dresser Industrial Valve Co.	BY-11098	N/A	Unit #2 Pressurizer Electromatic Power Operated Safety Valve	1977	Repaired/Replaced	No
Electromatic Relief Valve	Dresser Industries Inc.	412311 SN:BM-07951	N/A	Valve, Pressurizer ERV, 2 1/2 in. 2500 lb., Consolidated Electromatic, P/N: 31533VX-30-2-XFF1-NC2005	2004	Replacement	No

7. Description of Work:
 This plan was for the replacement of Unit-2 Pressurizer Power Operated Relief Valve 2-ERV-404.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 532 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/16/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 10-11-04 to 5-12-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: UB9831, MP1171, ANIE
 Inspector's Signature National Board, State, and Endorsements
 Date: 5-25 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-062d, MWO No. 2200303650
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1965 Edition, Win. 1967 Add; Class A
CCases: 1335-2, 1336, 1359-1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Pressure Vessel	Combustion Engineering	Vessel SN: 67108; Head SN: 67208	20912	Unit #2 Reactor Vessel and Head	1971	Repaired/Replaced	Yes

7. Description of Work:
 This plan was for the Engineering and work that allowed for up to 1/8" of metal removal on the Unit Two Reactor Vessel Head Control Element Drive Mechanism (CEDM) Nozzles 25, 30 and 32 J-groove welds.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F.

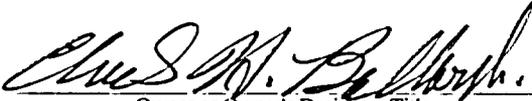
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp:	<u>N/A</u>	
Certificate of Authorization No.:	<u>N/A</u>	Expiration Date: <u>N/A</u>
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/16/2005</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>9-30-04</u> to <u>5-12-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 Inspector's Signature Date: <u>5-17</u> 200 <u>5</u>	Commissions: <u>NB 9831, MD 1171, ANTI</u> National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)

Date: 5/12/2005

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)

Unit: Two

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

R&R No. 2004-2-065a, MWO No. 2200304802
(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant
(name)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Exp Date: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1968 Edition, Win. 1968 Add; Class A, CCases N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, or Replaced	ASME Code Stamped (Yes or No)
Valve	Dresser Industrial Valve Co.	SN: BN-04375	N/A	Unit #2 Pressurizer Safety Relief Valve	1977	Repaired/Replaced	Yes
Relief Valve	Dresser Industries Inc.	409397 SN: BV-02950	N/A	Valve, Consolidated Closed Bonnet Maxiflow Safety; 2-1/2 in. Model 31739A, only for RV 200 location.	2003	Replacement	Yes
Disc	AmerGen Energy Co. LLC	409115 SN: ACP51	N/A	Disc, Maxiflow Relief Valve, 2 1/2 in., Model 31739A, Dresser P/N 1840404N, ASME SB-637 Gr. 688	2004	Replacement	Yes

7. Description of Work:

This plan was for the replacement of 2-RV-200, Unit-2 Pressurizer Safety Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:

Pressure: 2253 psi. Test Temperature: 532 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: _____ <i>Charles H. Ballard</i> Owner of Owner's Designee, Title	Charles H. Ballard Engineering Technician	Date: <u>5/12/2005</u>

Certificate of Inservice Inspection	
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>10-25-04</u> to <u>5-12-05</u>, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.</p> <p>By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.</p>	
_____ <i>John Harris</i> Date: <u>6-13</u>	Commissions: <u>NB9831, MD1171, ANTI</u> Inspector's Signature 200 <u>5</u> National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/12/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-065b, MWO No. 2200304802
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 1
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2 1/2" CC-10-2007	N/A	Pressurizer Piping to Safety Relief Valve 2-RV-200	1977	Repaired/Replaced	No
Nut	Nova Machine Products Corp.	38612 Heat Code: MVJ	N/A	Nut, Heavy Hex, 1 1/8 in. X 8 TPI, ASME SA-194, Gr. 7	1999	Replacement	No
Rod	Mackson Inc.	413571 Heat Code: AQO	N/A	Rod, Allthread, 1 1/8 in. X 8 TPI, ASME SA-193, Gr. B7	2004	Replacement	No

7. Description of Work:
 This plan was for the replacement of pressure retaining fastener materials to assist in the replacement of 2-RV-200, Unit-2 Pressurizer Safety Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: psi. Test Temperature: Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-1 Visual Examination of the replacement threaded fasteners was performed to satisfy Section XI Pre-Service NDE Requirements.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.

Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/12/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 10-26-04 to 5-12-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB 9831, MD 1171, A.N.T.E.
 Date: 6-13 Inspector's Signature 200 5 National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-066a, MWO No. 2200304804
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1968 Edition, Win. 1968 Add; Class A, CCases N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Dresser Industrial Valve Co.	SN: BS-03213	N/A	Unit #2 Pressurizer Safety Relief Valve	1977	Repaired/Replaced	Yes
Relief Valve	Dresser Industries Inc.	409397 SN: BM-07949	N/A	Valve, Consolidated Closed Bonnet Maxiflow Safety; 2-1/2 in. Model 31739A, only for RV 201 location.	2003	Replacement	Yes
Disc	Dresser Industries Inc.	409397 SN: ADA-77	N/A	Disc, Maxiflow Relief Valve, 2 1/2 in., Model 31739A, Dresser P/N 18-40404N, ASME SB-637 Gr. 688	2003	Replacement	Yes

7. Description of Work:

This plan was for the replacement of Unit-2 Pressurizer Safety Valve, 2-RV-201.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 532 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

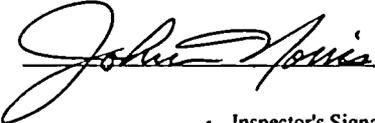
FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp:	<u>N/A</u>	
Certificate of Authorization No.:	<u>N/A</u>	Expiration Date: <u>N/A</u>
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/16/2005</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>2-17-05</u> to <u>3-13-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
	Commissions: <u>NB9831, MD1121, ANTF</u>
Date: <u>5-24</u> 200 <u>5</u> Inspector's Signature	National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-066b, MWO No. 2200304804
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2 1/2"CC-10-2008	N/A	Pressurizer Piping to Safety Relief Valve 2-RV-201	1977	Repaired/Replaced	No
Nut	Nova Machine Products Corp.	38612 Heat Code: MVJ	N/A	Nut, Heavy Hex, 1 1/8 in. X 8 TPI, ASME SA-194, Gr. 7	1999	Replacement	No
Rod	Mackson Inc.	413571 Heat Code: AQO	N/A	Rod, Allthread, 1 1/8 in. X 8 TPI, ASME SA-193, Gr. B7	2004	Replacement	No

7. Description of Work:
 This plan was for the replacement of pressure retaining fastener materials to assist in the replacement of Unit-2 Pressurizer Safety Valve, 2-RV-201.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

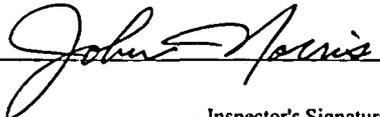
FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-1 Visual Examination of the replacement threaded fasteners was performed to satisfy Section XI Pre-Service NDE Requirements.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: _____	 Charles H. Ballard Engineering Technician	Date: <u>5/16/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>2-17-05</u> to <u>3-13-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 _____ Inspector's Signature	Commissions: <u>NB9831, M01171, AWT</u> National Board, State, and Endorsements
Date: <u>5-24</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-067, MWO No. 2200402141
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Pipe Support	Bechtel	2 1/2"CC-10-2004-H61	N/A	#21 Pressurizer Pipe Support to 2-ERV-404	1977	Repaired/Replaced	No
Spring Can	Anvil International Inc. Grinnell Supports	413776 SN: USA27282	N/A	Support, Constant, Anvil Figure 81-IIC017-NB, Size 17, Type C, with Travel Stops, Load = 1038 lbs.	2004	Replacement	No

7. Description of Work:
 This plan was for the replacement of the Spring Can on pipe line 2 1/2"CC-10-2004, Pressurizer Piping to Electric Relief Valve 2-ERV-404, support number H61.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

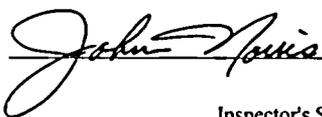
FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-3 Visual Examination of the affected component support was performed prior to the system being returned to service.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>	Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>
Signed: <u></u>	Charles H. Ballard Engineering Technician	Date: <u>5/16/2005</u>
<small>Owner or Owner's Designee, Title</small>		

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>3-3-05</u> to <u>4-15-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
<u></u> Inspector's Signature Date: <u>5-17</u> 200 <u>5</u>	Commissions: <u>NB 9831, MD 1171, A VII</u> National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Date: 5/10/2005

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Unit: Two

R&R No. 2004-2-068, MWO No. 2200402142

(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Exp Date: N/A
 Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	Bechtel	2 1/2"CC-10-2003-H35B	N/A	#21 Pressurizer Pipe Support to 2-ERV-402	1977	Repaired/Replaced	No
Spring Can	Anvil International Inc. Grinnell Supports	413776 SN: USA27059	N/A	Support, Constant, Anvil Figure 80-V, Size 17, Type B, with Travel Stops, Load = 949 lbs.	2004	Replacement	No

7. Description of Work:

This plan was for the replacement of the Spring Can on pipe line 2 1/2"CC-10-2003, Pressurizer Piping to Electric Relief Valve 2-ERV-402, support number H35B.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-3 Visual Examination of the affected component support was performed prior to the system being returned to service.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/10/2005</u>
Certificate of Inservice Inspection		
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>1-24-05</u> to <u>4-26-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.		
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.		
	 Inspector's Signature	Commissions: <u>NB9831, MD1171, ANIE</u> National Board, State, and Endorsements
Date: <u>5-10</u>	<u>2005</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/20/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-077, MWO No. 2200201447
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1965 Edition, Win. 1967 Add; Class A
CCases: 1336, 1338-3, 1359-1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement (Yes or No)	ASME Code Stamped (Yes or No)
Pressure Vessel	Combustion Engineering	CE-67603	20916	#21 Pressurizer	1972	Repaired/Replaced	Yes
Mechanical Assembly	ABB Combustion Engineering	402065 SN: B005-05, -06&-07	12 thru 14	Mechanical Nozzle Seal Ass., Upper Pzr per Drwg 12019-0078, Part#E-MNSABGE-228-005-25	2001	Replacement	Yes
Compression Collar	Westinghouse Electric Co. LLC	413887 SN: 1, 2 & 3	N/A	Collar, Compression, ASME SA-479, Tp. 304, #21 PZR MNSA's, 12019-0078SH0002, Item 34	2005	Replacement	No
Seal Retainer	Westinghouse Electric Co. LLC	413887 SN: 1, 2 & 3	N/A	Retainer, Seal, ASME SA-479, Tp. 304, #21 PZR MNSA's, 12019-0078SH0002, item 28	2005	Replacement	No
MNSA Tie Rod	Westinghouse Electric Co. LLC	413887 Ht.#: 531474	N/A	Rod, Tie, 3/8 in.X 16 TPI, ASME SA-453 Gr. 660 Cls. A, #21 PZR MNSA's, 12019-0078 item #29	2005	Replacement	No
MNSA Threaded Rod	Westinghouse Electric Co. LLC	413887 Heat Code: A355	N/A	Rod, Threaded, 1/2 in.X 20 TPI X 6 1/2 in., SA-453 Gr. 660 Cls. A, MNSA's, 12019-0078 item #30	2005	Replacement	No
MNSA Threaded Rod	Westinghouse Electric Co. LLC	413887 Heat Code: A355	N/A	Rod, Threaded, 1/2 in.X 20 TPI X 4 3/4 in., SA-453 Gr. 660 Cls. A, MNSA's, 12019-0078 item #31	2005	Replacement	No
MNSA Hex Nut	Westinghouse Electric Co. LLC	413887 Heat Code: H684	N/A	Nut, Hex, 1/2 in.X 20 TPI, ASME SA-453 Gr. 660 Cls. A, #21 PZR MNSA's, 12019-0078 item #32	2005	Replacement	No
MNSA Jam Nut	Westinghouse Electric Co. LLC	413887 Heat Code: H685	N/A	Nut, Jam, 1/2 in.X 20 TPI, ASME SA-453 Gr. 660 Cls. A, #21 PZR MNSA's, 12019-0078 item #33	2005	Replacement	No

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

7. Description of Work:

This plan was for the installation of the Mechanical Nozzle Seal Assemblies (MNSA) on #21 Pressurizer Instrument taps.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 532 Deg. F

9. Remarks:

A Section XI VT-1 Visual Examination of the replacement threaded fasteners was performed to satisfy Section XI Pre-Service NDE Requirements. A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. A Section XI VT-3 Visual Examination of the affected component support was performed prior to the system being returned to service.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 Owner or Owner's Designee, Title	Charles H. Ballard Engineering Technician Date: <u>5/20/2005</u>

Certificate of Inservice Inspection	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>3-2-05</u> to <u>5-12-05</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.	
 Date: <u>5-24</u> 200 <u>5</u>	Commissions: <u>NB 9831, MD 1171, A NIT</u> National Board, State, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/20/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2004-2-077a, MWO No. 2200201447
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Piping System	Bechtel	3/4"CC-8-2003	N/A	#21 Pressurizer (2-SX-6450) RCS Sample Piping	1977	Repaired/Replaced	No
Coupling	DuBose National Energy Services Inc.	400430 Heat Code: ABO	N/A	Coupling, 3/4 in., 6000 lb., Socketweld, ASME SA-182, Gr. F316	2001	Replacement	No

7. Description of Work:

This plan was for the removal of the piping 3/4"CC-8-2003, #21 Pressurizer (2-SX-6450) RCS Sample Piping and welding it back after completion of the MNSA installation.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/20/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 3-2-05 to 5-12-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NA 9831, MD 1171, AUEE
 Inspector's Signature National Board, State, and Endorsements

Date: 5-24 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2005-2-001a, MWO No. 2200400902
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1968 Draft Edition; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced (Yes or No)	ASME Code Stamped (Yes or No)
Piping System	Bechtel	2"CC-9-2007	N/A	#21 Reactor Cooling Hot Leg Drain	1977	Repaired/Replaced	No

7. Description of Work:

This plan was for the Reactor Cooling System Nozzle Dissimilar Metal Weld Over-lay on the piping penetration into the RCS for 2"CC-9-2007, #21 Reactor Cooling Hot Leg Drain.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 530 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. A Section XI Surface Examination of the affected component was performed to satisfy Section XI Pre-Service Requirements. A Section XI Ultrasonic Examination of the affected component was performed to satisfy Section XI Pre-Service NDE Requirements. This work also involved a Code Relief Request dated 3/5/05 and a supplement dated 3/8/05 to NRC. Verbal approval was received on 3/10/05.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.

Repair/ReplacementType Code Symbol Stamp: N/ACertificate of Authorization No.: N/A Expiration Date: N/A

Signed: _____


Owner or Owner's Designee, Title

Charles H. Ballard
Engineering Technician

Date: 5/16/2005**Certificate of Inservice Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 2-25-05 to 5-12-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.



Commissions: NB 9831, MD1171, ANTE

Inspector's Signature

National Board, State, and Endorsements

Date: 5-16 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/16/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2005-2-001b, MWO No. 2200400902
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B31.7, 1968 Draft Edition; Class 1
 (b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Stamped (Yes or No)	ASME Code
Piping System	Bechtel	2"CC-3-2004	N/A	Letdown piping from 22A Cold leg to Control Valve 2-CVC-516	1977	Repaired/Replaced	No

7. Description of Work:
 This plan was for the Reactor Cooling System Nozzle Dissimilar Metal Weld Over-layer on the piping penetration into the RCS for 2"CC-3-2004, Letdown piping from 22A Cold leg.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: _____ Inservice: Leakage: Functional:
 Pressure: 2253 psi. Test Temperature: 530 Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI System Leakage Test of the affected component was performed during the system conditions listed in section 8. of this report. A Section XI Surface Examination of the affected component was performed to satisfy Section XI Pre-Service Requirements. A Section XI Ultrasonic Examination of the affected component was performed to satisfy Section XI Pre-Service NDE Requirements. This work also involved a Code Relief Request dated 3/5/05 and a supplement dated 3/8/05 to NRC. Verbal approval was received on 3/10/05.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/16/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 2-27-05 to 5-12-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: UB9831, MD1171, ANI
 Inspector's Signature National Board, State, and Endorsements
 Date: 5-16 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc.
(name)

Date: 5/9/2005

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

Sheet 1 of 2

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)

Unit: Two

1650 Calvert Cliffs Parkway; Lusby, MD 20657
(address)

R&R No. 2005-2-004, MWO No. 2200500045
(P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant
(name)

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Exp Date: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657
(address)

Section XI Class: Two

4. Identification of System: System Number 052 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: ASME B31.7, 1969 Edition, Sum. 1971 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Pipe Support	Bechtel	14"GC5-2004-R20	N/A	#22 LPSI Pp Suction Piping Support	1977	Repaired/Replaced	No
Bolt	Consolidated Power Supply	4318 Ht#: 697045	N/A	Bolt, Heavy Hex Head, 1/2 in. X 13 TPI X 2 in., ASME SA-325, Tp.1	1997	Replacement	No
Nut	Mackson Inc.	409797 Ht.: Y67408	N/A	Nut, Heavy Hex, 1/2 in. X 13 TPI, ASME SA-194, Gr. 2H	2003	Replacement	No

7. Description of Work:

This plan was for the installation of spacer shims and fastener materials on #22 Safety Injection Pump suction piping restraint.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-3 Visual Examination of the affected component support was performed prior to the system being returned to service.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

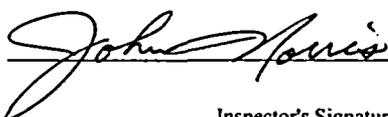
Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/9/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 2-8-05 to 5-4-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB 9831, MD 1171, ANTI
 Inspector's Signature National Board, State, and Endorsements
 Date: 5-19 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2005-2-006, MWO No. 2200500495
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: Two

4. Identification of System: System Number 041 System Name: Chemical Volume Control

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1977 Edition, Sum. 1978 Add; Class 2

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Stamped (Yes or No)	ASME Code
Pressure Vessel	Greer Hydraulics	GHI-10013	491	#21 Charging Pump Discharge De-Surger	1980	Repaired/Replaced	No

7. Description of Work:

This plan was for the work needed to cut an O-ring groove in the cap, and tack a pin to the flange assembly on 2ACC233X, #21 Charging Pump Discharge De-Surger.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

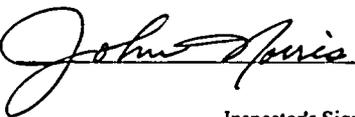
Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/9/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 2-17-05 to 3-24-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: ²⁰¹⁵⁻¹⁹⁻⁰⁵ NB. 9831, MD1171, ANI
 Inspector's Signature National Board, State, and Endorsements

Date: 5-19 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/17/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2005-2-008, MWO No. 2200500725
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: One

4. Identification of System: System Number 064 System Name: Reactor Coolant System

5. (a) Applicable Construction Code and Class: ASME B&PV Code Sect. III, 1977 Edition, Win. 1977 Add; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement: 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Stamped	ASME Code Replaced or Stamped (Yes or No)
Valve	Target Rock Corporation	SN: 6	N/A	Unit #2 Pressurizer to Quench Tank Vent First Isolation Valve.	1982	Repaired/Replaced	Yes
Main Disc	Target Rock Corporation	84408-GX SN: 2146	N/A	Disc, Main, Valve, for 3/4" Target Rock Solenoid, ASME SA-564 Gr. 630, BGEDRWG #12249-0013, Item #23	1993	Replacement	Yes

7. Description of Work:

This plan was for the work and parts needed to rebuild 2-SV-105, Unit #2 Pressurizer to Quench Tank Vent First Isolation Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

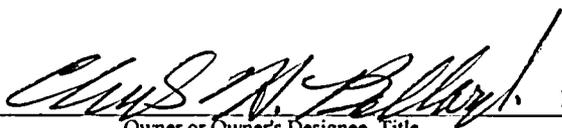
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

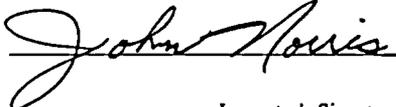
FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance		<u>Repair/Replacement</u>
We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u>	Expiration Date: <u>N/A</u>	
Signed: <u></u>	Charles H. Ballard Engineering Technician	Date: <u>5/17/2005</u>
Owner or Owner's Designee, Title		

Certificate of Inservice Inspection	
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period <u>3-3-05</u> to <u>5-13-05</u>, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.</p> <p>By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.</p>	
<u></u> Inspector's Signature	Commissions: <u>UB9831, MD 117L, ANIE</u> National Board, State, and Endorsements
Date: <u>5-17</u> 200 <u>5</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
 (name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
 (address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Two
 (name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. 2005-2-010, MWO No. 2200500765
 (address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
 (address) Section XI Class: One

4. Identification of System: System Number 052 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: ASME Draft Code for Pumps & Valves, 1968 Edition, March 1970
Add; Class 1

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Valve	Velan Engineering Co.	2-MOV-651	N/A	Unit 2 Shutdown Cooling Return Second MOV Isolation Valve (Containment Isolation Valve)	1977	Repaired/Replaced	Yes
Rod	Cardinal Industrial Products Inc.	48895-GX Heat Code: YV1	N/A	Rod, All-thread, 1 7/8 in. X 8 TPI, SA-193, Gr.B7	1990	Replacement	No
Nut	Nova Machine Products Corp.	92364-GX Heat Code: P6Y	N/A	Nut, Heavy Hex; 1 7/8 in. X 8 TPI, UNC; ASME SA-194, Gr. 7	1993	Replacement	No

7. Description of Work:
 This plan was for the replacement of body to bonnet fastener material on 2-MOV-651, Unit 2 Shutdown Cooling Return Second MOV Isolation Valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-1 Visual Examination of the replacement threaded fasteners was performed to satisfy Section XI Pre-Service NDE Requirements.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

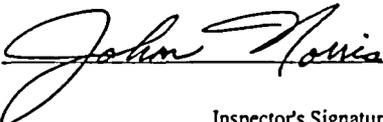
Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
Owner or Owner's Designee, Title Engineering Technician Date: 5/9/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 3-6-05 to 3-16-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB9831, MD1171, AUI
Inspector's Signature National Board, State, and Endorsements

Date: 5-12 2005

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: Calvert Cliffs Nuclear Power Plant, Inc. Date: 5/9/2005
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: Common
(name)

1650 Calvert Cliffs Parkway; Lusby, MD 20657 R&R No. SNUB-0-005, MWO No. SNUB POOL
(address) (P.O. no., job no., etc.)

3. Work Performed by: Calvert Cliffs Nuclear Power Plant Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

1650 Calvert Cliffs Parkway, Lusby, MD 20657 Exp Date: N/A
(address) Section XI Class: 1, 2, & 3

4. Identification of System: System Number 065B System Name: Seismic Snubbers

5. (a) Applicable Construction Code and Class: ASME B31.1 1967 Ed, 1972 Add; B31.7 1969 Ed, Sum. 1971 Add.; MSS-SP-58, 1967 Ed.

(b) Applicable Sect XI Ed. for Repairs/Replacement 1998 Edition

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturers Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
Snubber Pool	Grinnell Corporation	Snubber Pool	N/A	Hydraulic Shock and Sway Suppressor	1975	Repaired/Replaced	No
Snubber	Grinnell Corporation	59013-GX SN: 32316	N/A	Hydraulic Shock and Sway Suppressor, 1 1/2 in. Bore X 5 in. Stroke, Grinnell Fig. 200 Opt. 1	1991	Replacement	No
Snubber	Grinnell Corporation	52376-GX SN: 31893	N/A	Hydraulic Shock and Sway Suppressor, 6 in. Bore X 5 in. Stroke, Grinnell Fig. 200 Opt. 1	1991	Replacement	No

7. Description of Work:
 This plan was for the continued control of the Snubber Pool and documentation of new components/parts added to the Snubber Pool per Section XI 1998, IWA-4132, Items Rotated From Stock.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: N/A psi. Test Temperature: N/A Deg. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-3 Visual Examination of the affected component support was performed prior to the system being returned to service.

Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this conforms to the rules of the ASME Code, Section XI. Repair/Replacement

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A

Signed:  Charles H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 5/9/2005

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by ABS Consulting of Houston, Tx. have inspected the components described in this Owner's Report during the period 6-24-04 to 3-10-05, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: UB9831, MD1171, ANIF
 Inspector's Signature National Board, State, and Endorsements

Date: 5-9 2005