

**Constellation
Nuclear**

**Calvert Cliffs
Nuclear Power Plant**

*A Member of the
Constellation Energy Group*

July 25, 2000

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 1; Docket No. 50-317
Inservice Inspection Report

Please find enclosed the Inservice Inspection Report for the Calvert Cliffs Nuclear Power Plant Unit 1. This inspection fulfilled the intentions and requirements stated in our program plan and our commitment to comply with American Society of Mechanical Engineers (ASME) Code Section XI Inservice Inspection Requirements.

Should you have questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

Charles H. Cruse
Vice President-Nuclear Energy

CHC/ALS/bjd

Enclosures: (1) ASME Boiler & Pressure Vessel Code Section XI, Form NIS-1
(2) ASME Boiler & Pressure Vessel Code Section XI, Form NIS-2

cc: Mr. Craig Lowry, State of Maryland

(Without Enclosures)
R. S. Fleishman, Esquire
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A047

ENCLOSURE (1)

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

NIS-1

OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner Constellation Energy, P.O. Box 1475, Baltimore, MD 21203
(Name and Address of Owner)
2. Plant Calvert Cliffs Nuclear Power Plant, 1650 Calvert Cliffs Parkway, Lusby, MD 20657-4702
(Name and Address of Plant)
3. Plant Unit 1
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 05/08/1975
6. National Board Number for Unit 20911

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
#12A Reactor Coolant Pump	Byron Jackson	SN-0439	14000NV	N/A
Safety Injection Piping/Supports	Bechtel	N/A	N/A	N/A
Pressurizer Spray Piping/Supports	Bechtel	N/A	N/A	N/A
Shutdown Cooling Piping/Supports	Bechtel	N/A	N/A	N/A
Main Steam 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
Shutdown Cooling Heat Exchanger #11	Engineers & Fabricators Inc	N/A	14054NV	1143
Reactor Pressure Vessel	Combustion Engineering	CE-67107	14000NV	20911
Pressurizer	Combustion Engineering	CE-67602	14000NV	20915
Steam Generator #11	Combustion Engineering	CE-67504	14000NV	20922
Steam Generator #12	Combustion Engineering	CE-67505	14000NV	20923
Reactor Coolant Pipe	Combustion Engineering	N/A	N/A	N/A

8. Examination Dates 06/09/1998 to 04/27/2000
9. Inspection Period Identification: 1999 to 2002
10. Inspection Interval Identification: 1999 to 2009
11. Applicable Edition of Section XI 1983 Addenda Summer '83
12. Date/Revision of Inspection Plan: November, 1996 / Revision 1
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.



ATTACHMENT 1
Inservice Inspection Report
3/1/14

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EXAM CATEGORY / ITEM NUMBER: B-B / B2.11

PRESSURIZER

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
003900	8-411	UPPER HEAD TO SHELL	

Exam Results:

- 2000BU052 Accept
- 2000BU025 Accept

EXAM CATEGORY / ITEM NUMBER: B-B / B2.12

PRESSURIZER

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
003700	2-401A	UPPER SHELL AT 270 DEG.	Base metal exam coverage is 100%. The weld volume coverage is 91% due to proximity of insulation support skirt. The average coverage is 95.5%.

Exam Results:

- 2000BU051 Accept
- 2000BU026 Accept

EXAM CATEGORY / ITEM NUMBER: B-D / B3.110

PRESSURIZER

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
004100	4-405	NOZZLE TO HEAD WELDS	The inner 1/2 T base material could not be scanned due to component geometry. Weld volume coverage is 78.5%; base material coverage is 54.3%; Average is 66.4%.

Exam Results:

- 2000BU053 Accept
- 2000BU028 Accept

EXAM CATEGORY / ITEM NUMBER: B-D / B3.120

PRESSURIZER

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
004300	4-405-IRS	NOZZLE INSIDE RADIUS SECTION	

Exam Results:

- 2000BU036 Accept

EXAM CATEGORY / ITEM NUMBER: B-F / B5.40

PRESSURIZER SPRAY

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
118500	4-PS-1003-6	SAFE END TO NOZZLE	UT exam performed from the safe end side only due to safe end-to-nozzle configuration. No loss of signal was noted at weld toes. This component will be considered for relief.

Exam Results:

- 2000BU030 Accept
- 2000BP090 Accept



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EXAM CATEGORY / ITEM NUMBER: B-G-1 / B6.180

REACTOR COOLANT PUMPS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
134150	12A-S-1 THROUGH 16	RCP-12A STUDS	Stud # 4 was examined.

Exam Results:
2000BU037 Accept

EXAM CATEGORY / ITEM NUMBER: B-G-1 / B6.190

REACTOR COOLANT PUMPS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
134250	PUMP FLANGE SURFACE	RCP-12A	

Exam Results:
2000BV116 Accept

EXAM CATEGORY / ITEM NUMBER: B-G-1 / B6.200

REACTOR COOLANT PUMPS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
134200	12A-N-1 THROUGH 16	RCP-12A NUTS	

Exam Results:
2000BV117 Accept

EXAM CATEGORY / ITEM NUMBER: B-G-2 / B7.60

REACTOR COOLANT PUMPS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
134600	12A-C-1 THROUGH 16	RCP-12A SEAL BOLTING	

Exam Results:
2000BV118 Accept

EXAM CATEGORY / ITEM NUMBER: B-K / B10.20

SAFETY INJECTION

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
114450	12-SI-1010-H-3	INTEGRAL ATTACHMENT	Pipe clamp at weld toe prevents full inspection coverage. Removal of the pipe clamp is not practical. This component will be considered for relief.

Exam Results:
2000BP092 Accept

SHUTDOWN COOLING

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
111400	14-SC-1004-R-2	INTEGRAL ATTACHMENT	Support clamp shims preclude examination for additional coverage.

Exam Results:
2000BP015 Accept



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EXAM CATEGORY / ITEM NUMBER: B-L-1 / B12.10

REACTOR COOLANT PUMPS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
134500	PUMP CASING WELDS	PUMP CASING WELDS RCP-12A	

Exam Results:
2000BP016 Accept

EXAM CATEGORY / ITEM NUMBER: B-L-2 / B12.20

REACTOR COOLANT PUMPS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
134550	PUMP CASING INTERNAL	PUMP CASING INTERNAL SURFACE RCP-12A	LEVEL III NOTE- THE RECORDED CONDITIONS HAVE BEEN ACCEPTED BY FLOWSERVE ENGINEERING AS NORMAL WEAR.

Exam Results:
2000BV142 Accept

EXAM CATEGORY / ITEM NUMBER: B-P / B15.10

REACTOR COOLANT

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
138650	PRESSURE RETAINING C	REACTOR PRESSURE VESSEL	

Exam Results:
2000BV414 Accept

EXAM CATEGORY / ITEM NUMBER: B-P / B15.20

PRESSURIZER

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
138750	PRESSURE RETAINING C	PRESSURIZER	

Exam Results:
2000BV415 Accept

EXAM CATEGORY / ITEM NUMBER: B-P / B15.30

STEAM GENERATOR

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
138850	PRESSURE RETAINING C	STEAM GENERATORS	

Exam Results:
2000BV417 Accept

EXAM CATEGORY / ITEM NUMBER: B-P / B15.50

RCS SI CVCS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
139050	PRESSURE RETAINING C	PIPING	

Exam Results:
2000BV418 Accept



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EXAM CATEGORY / ITEM NUMBER: B-P / B15.60

REACTOR COOLANT

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
139150	PRESSURE RETAINING C	PUMPS	

Exam Results:

2000BV419 Accept

EXAM CATEGORY / ITEM NUMBER: B-P / B15.70

SI CVCS

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
139250	PRESSURE RETAINING C	VALVES	

Exam Results:

2000BV420 Accept

EXAM CATEGORY / ITEM NUMBER: C-A / C1.10

SHUTDOWN COOLING

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
252000	SCHE-11-1	FLANGE TO CHANNEL BARREL SCHE-11	This weld was examined to the maximum extent possible. The use of an extended beam path was not possible due to clad ID. The coverage percentage includes the use of an additional angle, 60 degree. This component will be considered for relief.

Exam Results:

2000BU011 Accept

EXAM CATEGORY / ITEM NUMBER: C-B / C2.21

SHUTDOWN COOLING

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
252100	SCHE-11-N1	INLET NOZZLE TO CHANNEL BARREL	Nozzle configuration prevented two sided UT examination. This component will be considered for relief.

Exam Results:



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EXAM CATEGORY / ITEM NUMBER: C-F-1 / C5.11

SAFETY INJECTION

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
300400	24-SI-1201-4	ELBOW TO PIPE	The 45degree RL was used to obtain 100% of the required UT volume.
<u>Exam Results:</u>			
	2000BU005	Accept	
	2000BP034	Accept	
330650	6-SI-1213-3	PIPE TO VALVE 1-SI-134	The coverage calculations are for the 45 degree examination. The upstream axial exam is complete by the 70 degree examination. This component will be considered for relief.
<u>Exam Results:</u>			
	2000BP085	Accept	
	2000BU015	Accept	
319600	6-SI-1201-1	VALVE 1-MOV-656 TO PIPE	This was a single sided examination due to the configuration; scanned only on the pipe side. This exam will be considered for relief.
<u>Exam Results:</u>			
	2000BP030	Accept	
	2000BU003	Accept	

EXAM CATEGORY / ITEM NUMBER: C-F-1 / C5.21

SAFETY INJECTION

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
336200	4-SI-1206-7	VALVE 1-MOV-660 TO PIPE	Weld will be considered for relief request.
<u>Exam Results:</u>			
	2000BU002	Accept	

EXAM CATEGORY / ITEM NUMBER: C-F-2 / C5.51

MAINSTEAM

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
424350	34-MS-1201-8A	ELBOW TO MANIFOLD	
<u>Exam Results:</u>			
	2000BU013	Accept	
	2000BM066	Accept	



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EXAM CATEGORY / ITEM NUMBER: F-A / F1.10

CHARGING(CVCS)

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
607450	2-CV-1006-H-9	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV060	Accept	

LETDOWN(CVCS)

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
605250	2-LD-1004-H-2	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV387	Accept	

PRESSURIZER SPRAY

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
603500	4-PS-1003-R-31, R-32	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV300	Accept	

SAFETY INJECTION

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
601950	12-SI-1010-H-3	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV059	Accept	
602100	12-SI-1010-H-2	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV058	Accept	
603250	6-SI-1002-R-7	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV043	Accept	
601750	12-SI-1009-R-5	COMPONENT SUPPORT-SNUBBER	
<u>Exam Results:</u>			
	2000BV086	Accept	
602000	12-SI-1010-R-3	COMPONENT SUPPORT-SNUBBER	
<u>Exam Results:</u>			
	2000BV299	Accept	
602050	12-SI-1010-R-4	COMPONENT SUPPORT-SNUBBER	
<u>Exam Results:</u>			
	2000BV298	Accept	
602110	12-SI-1010-R-2	COMPONENT SUPPORT-SNUBBER	
<u>Exam Results:</u>			
	2000BV297	Accept	
602750	12-SI-1012-R-3	COMPONENT SUPPORT-SNUBBER	
<u>Exam Results:</u>			
	2000BV067	Accept	



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602850	12-SI-1012-R-5, R-6	COMPONENT SUPPORT-SNUBBER	
<u>Exam Results:</u>			
	2000BV083	Accept	
601600	12-SI-1009- R-4	COMPONENT SUPPORT-SNUBBER- C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV267	Accept	
603100	6-SI-1001- R-12	COMPONENT SUPPORT-SNUBBER- C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV268	Accept	
601550	12-SI-1009- R-3, R-4	COMPONENT SUPPORT-SNUBBER-C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV266	Accept	
602350	12-SI-1011- R-4	COMPONENT SUPPORT-SNUBBER-C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV269	Accept	
602400	12-SI-1011- R-7	COMPONENT SUPPORT-SNUBBER-C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV270	Accept	
602900	12-SI-1012- R-7	COMPONENT SUPPORT-SNUBBER-C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV271	Accept	
603450	6-SI-1004- R-4	COMPONENT SUPPORT-SNUBBER-C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV272	Accept	

SHUTDOWN COOLING

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
601050	14-SC-1004-R-4	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV107	Accept	
601450	14-SC-1004-R-71	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV123	Accept	
600850	14-SC-1004- H-2	COMPONENT SUPPORT, A-ONE DIR	This is an additional exam due to the failure of LTP# 600800.
<u>Exam Results:</u>			
	2000BV157	Accept	



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600800	14-SC-1004-R-2	COMPONENT SUPPORT-SNUBBER	Nut at rear of cylinder cap was loose; IR3-035-368 generated. Additional exams performed: LTPs: 600750, 600850, 601550, 601600, 602350, 602400, 602900, 603100, 603450. Loose nut corrected under MO# 1199900821. Component support-snubber is acceptable.
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Exam Results:

2000BV124 Reject

600750	14-SC-1004- H-1	COMPONENT SUPPORT-VARIABLE-C-THERMAL	This is an additional exam due to the failure of LTP# 600800.
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Exam Results:

2000BV156 Accept

EXAM CATEGORY / ITEM NUMBER: F-A / F1.20

SAFETY INJECTION

<u>Summary/ID No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Comments</u>
709650	6-SI-1213-H-3	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV035 Accept		
712500	4-SI-1210- H-9, R-5	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV031 Accept		
712800	4-SI-1210- H-14	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV030 Accept		
713050	4-SI-1210- H-12	COMPONENT SUPPORT	
<u>Exam Results:</u>			
	2000BV029 Accept		

ENCLOSURE (2)

**CALVERT CLIFFS NUCLEAR POWER PLANT
INSERVICE INSPECTION SUMMARY REPORT
FOR CALVERT CLIFFS UNIT 1**

**ASME BOILER AND PRESSURE VESSEL CODE
SECTION XI, FORM NIS-2**

HW/No.	R&R Number	UEI	Planner Date	Section XI	(NIS-2 W)	Review Date
1199805256	2000-1-005	Snubber 1-41-03	02/08/2000	Two	True	03/18/2000
1199900525	2000-1-006	Snubber 1-41-04	02/08/2000	Two	True	03/21/2000
1199805257	2000-1-007	Snubber 1-41-05	02/08/2000	Two	True	03/24/2000
1199900526	2000-1-008	Snubber 1-41-07	02/08/2000	One	True	03/21/2000
1199805260	2000-1-009	Snubber 1-45-01A	02/08/2000	Two	True	03/30/2000
1199900549	2000-1-010	Snubber 1-52-07	02/08/2000	Two	True	03/16/2000
1199900554	2000-1-011	Snubber 1-52-13	02/08/2000	Two	True	02/09/2000
1199900546	2000-1-012	Snubber 1-52-16	02/08/2000	Two	True	03/16/2000
1199805262	2000-1-013	Snubber 1-52-24	02/08/2000	One	True	03/30/2000
1199900527	2000-1-014	Snubber 1-52-25A	02/08/2000	One	True	03/30/2000
1199900528	2000-1-015	Snubber 1-52-26	02/08/2000	One	True	03/30/2000
1199805263	2000-1-016	Snubber 1-52-29	02/08/2000	One	True	03/21/2000
1199900529	2000-1-017	Snubber 1-52-32A	02/08/2000	One	True	03/21/2000
1199900530	2000-1-018	Snubber 1-52-36	02/08/2000	One	True	03/16/2000
1199900531	2000-1-019	Snubber 1-52-39A	02/08/2000	One	True	03/24/2000
1199805264	2000-1-020	Snubber 1-52-46	02/08/2000	Two	True	04/13/2000
1199805265	2000-1-021	Snubber 1-52-62	02/08/2000	Two	True	03/27/2000
1199900534	2000-1-024	Snubber 1-60-18	02/08/2000	Two	True	03/27/2000
1199805273	2000-1-025	Snubber 1-60-25	02/08/2000	Two	True	04/01/2000
1199805274	2000-1-026	Snubber 1-60-26	02/08/2000	Two	True	03/27/2000
1199902721	2000-1-027	Snubber 1-60-27	02/08/2000	Two	True	03/16/2000
1199805275	2000-1-028	Snubber 1-60-28	02/08/2000	Two	True	03/21/2000
1199900557	2000-1-029	Snubber 1-61-17	02/08/2000	Two	True	04/20/2000
1199805276	2000-1-030	Snubber 1-63-09	02/08/2000	Two	True	03/18/2000
1199805277	2000-1-031	Snubber 1-63-13	02/08/2000	Two	True	04/01/2000
1199805279	2000-1-032	Snubber 1-63-18	02/08/2000	Two	True	04/15/2000
1199900559	2000-1-033	Snubber 1-63-20	02/08/2000	Two	True	04/15/2000
1199805280	2000-1-034	Snubber 1-63-27	02/08/2000	Two	True	04/01/2000
1199900535	2000-1-035	Snubber 1-64-08	02/08/2000	One	True	03/27/2000
1199900558	2000-1-036	Snubber 1-64-11	02/08/2000	One	True	04/01/2000
1199900536	2000-1-037	Snubber 1-64-17	02/08/2000	One	True	04/05/2000
1199805283	2000-1-038	Snubber 1-64-17A	02/08/2000	One	True	04/01/2000
1199805284	2000-1-039	Snubber 1-64-18	02/08/2000	One	True	03/30/2000
1199900537	2000-1-040	Snubber 1-64-20	02/08/2000	One	True	03/27/2000
1199805285	2000-1-041	Snubber 1-64-23	02/08/2000	One	True	04/07/2000
1199805286	2000-1-042	Snubber 1-64-31	02/08/2000	One	True	04/07/2000
1199805287	2000-1-043	Snubber 1-64-32	02/08/2000	One	True	03/30/2000
1199805288	2000-1-044	Snubber 1-64-34	02/08/2000	One	True	04/14/2000
1199900539	2000-1-045	Snubber 1-64-45	02/08/2000	One	True	04/01/2000
1199900540	2000-1-046	Snubber 1-64-97	02/08/2000	One	True	04/05/2000
1199805292	2000-1-047	Snubber 1-64-100	02/08/2000	One	True	04/10/2000
1199900547	2000-1-049	Snubber 1-83-04	02/08/2000	Two	True	04/05/2000
1199805295	2000-1-050	Snubber 1-83-05	02/08/2000	Two	True	04/05/2000
1199900542	2000-1-051	Snubber 1-83-49	02/08/2000	Two	True	04/05/2000
1199900541	2000-1-052	Snubber 1-83-50	02/08/2000	Two	True	04/10/2000
1199900543	2000-1-053	Snubber 1-83-52	02/08/2000	Two	True	04/01/2000
1199900544	2000-1-054	Snubber 1-83-76	02/08/2000	Two	True	03/27/2000
1199905159	2000-1-064	1#EB14-1004	03/08/2000	Two	True	05/10/2000
1199800696	2000-1-065	1PZVRC11	03/16/2000	One	True	06/01/2000

MWO No.	R&R Number	UEI	Planner Date	Section XI (NIS-2 W	Review Date
1200000996	2000-1-066	1CKVSI-134	03/17/2000	Two	True 05/18/2000
1200001054	2000-1-067	1ERV404	03/16/2000	One	True 05/05/2000
1199805264	2000-1-068	1#GC9-1002,R12	03/20/2000	Two	True 05/10/2000
1199801778	2000-1-072	1#GC1-1005	03/30/2000	Two	True 04/10/2000
1200001437	2000-1-073	1PZVRX11	04/06/2000	One	True 04/26/2000
1199802593	2000-1-074	1PZVRX11	04/06/2000	One	True 05/10/2000
1200001585	2000-1-078	1CKVCVC-185	04/13/2000	One	True 05/10/2000
1199804787	2000-1-082	1ERV402	04/20/2000	One	True 05/04/2000
1199103594	92-1-103	1#GC5-1008	05/04/1999	Two	True 05/10/2000
1199200422	93-1-013	1MOV269	11/02/1999	Two	True 05/02/2000
1199701911	97-1-018	1CV100E	04/06/2000	One	True 05/02/2000
1199701691	97-1-058	0CKVFP-141B	12/17/1999	Two	True 04/25/2000
1199701804	98-1-015	Snubber 1-52-12	01/06/1998	Two	True 08/26/1998
1199805583	99-1-009	1#HC7-1031	03/15/1999	Two	True 04/06/1999
1199805677	99-1-012a	1HVCVC-182	04/30/1999	Two	True 05/03/2000
1199101752	99-1-014	Snubber 1-64-19	05/10/1999	One	True 05/12/1999
1199901394	99-1-029	1PUMPRC11A(s)	08/03/1999	One	True 05/31/2000
1199800725	99-1-030	1PUMPRC11B(s)	08/03/1999	One	True 05/31/2000
1199700104	99-1-031a	1PUMPRC12A(s)	08/03/1999	One	True 05/31/2000
1199700104	99-1-031b	1PUMPRC12A	08/03/1999	One	True 05/17/2000
1199804881	99-1-034	1RV201	08/03/1999	One	True 05/03/2000
1199900555	99-1-055	Snubber 1-52-21	09/21/1999	Two	True 09/22/1999
1199800301	99-1-061	1CV3939	11/01/1999	Two	True 05/10/2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/18/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-005

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805256
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 41 System Name: CVCS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-37 VB 80102860-61	N/A	1-41-3	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-16 VB 3437-2-A	N/A	1-41-3	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-41-3

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure:

Pressure: N/A psi. Test Temperature: N/A Deg.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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.

9. Remarks:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/18/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/18/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 N, W, T
National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/21/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-006

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900525
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N.A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 41 System Name: CVCS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(TWE/TWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73306121-220 VB 8186-B-2-A	N/A	1-41-4	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-215 VB 6164-2-A	N/A	1-41-4	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-41-4

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

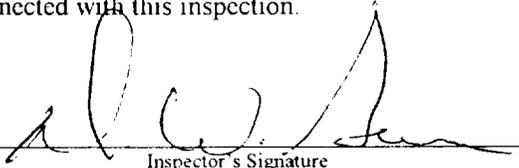
Signed:  Dan Hoang
 Senior Engineer Date: 3-21-2000
 Owner or Owner's Designee, Title

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/18/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 _____ Commissions: MA 11782 A NT MD 1567
 Inspector's Signature National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/24/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-007

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805257
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 41 System Name: CVCS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-8 VB 6041-2-A	N/A	1-41-5	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 78237426-190 VB 6147-2-A	N/A	1-41-5	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-41-5

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/21/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-008

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900526
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 41 System Name: CVCS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(TWE/TWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73326235-31 VB 8291-B-1-SP	N/A	1-41-7	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73355668-431 VB 9799B-1-SP	N/A	1-41-7	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-41-7

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

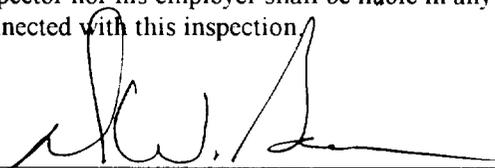
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3/21/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-22-00 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.



Inspector's Signature

Commissions: NB 11782 ANT MD/061
National Board, State, and Endorsements

Date: 4-11-00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/30/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-009

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805260
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 45 System Name: FEEDWATER

5. (a) Applicable Construction Code and Class: USAS B31.1 1967E 1972A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 78364136-57 VB 79371872-289	N/A	1-45-1A	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 78364136-46 VB 79398754-80	N/A	1-45-1A	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-45-1A

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: Dan Hoang, Senior Engineer, Date: 3/30/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-30-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

Robert W. Lawrence, Inspector's Signature

Commissions: NB 8226 ANI, MD 647, National Board, State, and Endorsements

Date: May 3, 2000-199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)
G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Date: 3/16/2000

Unit: ONE

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

R&R No: 2000-1-010

MWO No: 1199900549
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(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: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-211 VB 10955-1-SP	N/A	1-52-7	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-195 VB 3264-2-A	N/A	1-52-7	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-7

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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.

9. Remarks:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3-16-2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/11/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: MA 11782 AWT MD/CGI
National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: February 9, 2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: One

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

R&R No: 2000-1-011

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900554
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: Two

4. Identification of System: System Number: 52 System Name: Safety Injection

5. (a) Applicable Construction Code and Class: B 31.7 1969E., 1971A.

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
HYDRAULIC SNUBBERS	GRINNELL CORP.	(CYL) C-00-02-01 (VB) 6151-2-A	N/A	1-52-13	N/A	Replaced	No
HYDRAULIC SNUBBERS	GRINNELL CORP.	(CYL) 72237426-216 (VB) 6155-2-A	N/A	1-52-13	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-13

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: February 9, 2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 2/9/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A, N.I. (M) (S) (C)
National Board, State, and Endorsers' initials

Date: 4/4/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/16/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-012

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900546
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73355668-205 VB 9604B-1-SP	N/A	1-52-16	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73345358-124 VB 9043B-1-SP	N/A	1-52-16	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-16

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/30/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-013

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805262
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 91219611-23 VB 16345-70	N/A	1-52-24	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 92230788-31 VB 17429-8	N/A	1-52-24	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-24

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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.

9. Remarks:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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

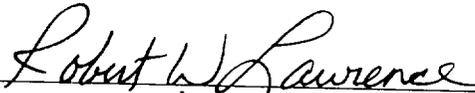
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3-30-2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-18-00 , 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB 8226 ANI, MD 647
National Board, State, and Endorsements

Date: May 3, 2000 ~~199~~

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/30/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-014

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900527
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52

System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-99 VB 9981B-1-SP	N/A	1-52-25A	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-173 VB 3390-2-A	N/A	1-52-25A	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-25A

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3-30-2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-20-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB 8226ANI MD647
Inspector's Signature National Board, State, and Endorsements

Date: May 4, 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/30/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-015

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900528
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-48 VB 80102860-20	N/A	1-52-26	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 75503196-80 VB 80511048-3	N/A	1-52-26	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-26

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/30/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-2000 4/4/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A, N, I NB 11782
National Board, State, and Endorsements

Date: 4-11-00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/21/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-016

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805263
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73352916-76 VB 10045B-2-A	N/A	1-52-29	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73345359-31 VB 9093B-2-A	N/A	1-52-29	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-29

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:
This plan implements Generic Replacement Plan G2, Rev. 1.

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 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

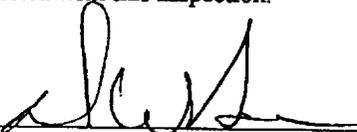
Signed:  Dan Hoang
Senior Engineer Date: 3/21/2000
Owner or Owner's Designee, Title

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/22/00 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature Commissions: NA 11782 A, A, I MD 1061
National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/21/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-017

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900529
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N.A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp	CYL 41292 VB / 3029-2-A-5	N/A	1-52-32A	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73306121-225 VB 8046-B-2-A	N/A	1-52-32A	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-32A

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2. Rev. 1.

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 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: [Signature] Dan Hoang Senior Engineer Date: 3/21/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/22/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A, N.I. MA 061
National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/16/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-018

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900530
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 41885 VB 3129-2-A-5	N/A	1-52-36	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73306121-97 VB 8217B-2-A	N/A	1-52-36	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-36

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)
G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Date: 3/24/2000

Unit: ONE

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

R&R No: 2000-1-019

MWO No: 1199900531
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(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: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-38 VB 80102860-54	N/A	1-52-39A	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-47 VB 80102860-52	N/A	1-52-39A	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-39A

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

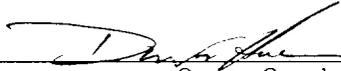
Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this **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

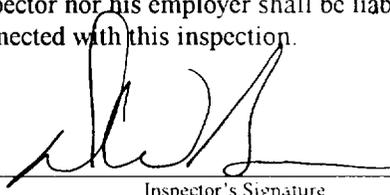
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3/24/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 3-15-00 to 3-28-00 , 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: MD 1061
 NB 11782 A WT
National Board, State, and Endorsements

Date: 4/11/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)
G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Date: 4/13/2000

Unit: ONE

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

R&R No: 2000-1-020

MWO No: 1199805264
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(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: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-161 VB 6146-2-A	N/A	1-52-46	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73345358-19 VB 9929B-2-A	N/A	1-52-46	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-46

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

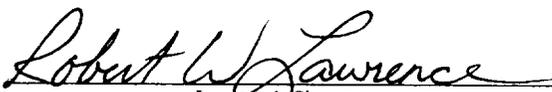
Signed:  Dan Hoang
 Senior Engineer Date: 4/13/2000
Owner or Owner's Designee, Title

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-1-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


 Inspector's Signature

Commissions: NB 8226 ANI, MD647
 National Board, State, and Endorsements

Date: May 11, 2000 ~~199~~

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/27/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-021

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805265
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 75503196-96 VB 79398753-391	N/A	1-52-62	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-202 VB 6168-2-A	N/A	1-52-62	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-62

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:
This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/27/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/20/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 1782 ANI MD 1561
National Board, State, and Endorsements

Date: 4/10/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/27/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-024

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900534
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 60 System Name: CONTAINMENT VENTS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73352916-69 VB 9930B-2-A	N/A	1-60-18	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73302326-216 VB 7348B-2-A	N/A	1-60-18	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-60-18

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang Senior Engineer Date: 3/27/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 1-8-00 to 4-1-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]

Inspector's Signature

Commissions: NB 11782 A, N, F MD1006
National Board, State, and Endorsements

Date: 4/11/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/1/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-025

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805273
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 60 System Name: CONTAINMENT VENTS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-62 VB 5826-2-A	N/A	1-60-25	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 75503106-31 VB 511048-18	N/A	1-60-25	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-60-25

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang Senior Engineer Date: 4/1/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 3-23-00 to 4-4-00 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A, N, I Worcester
National Board, State, and Endorsements

Date: 4/10/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/27/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-026

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805274
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N.A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 60 System Name: CONTAINMENT VENTS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-45 VB 80102860-70	N/A	1-60-26	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-46 VB 80102860-75	N/A	1-60-26	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-60-26

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

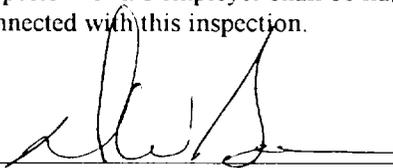
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3/27/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-28-00 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: ND 11782 ANI MA10061
National Board, State, and Endorsements

Date: 4/10/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/16/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-027

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199902721
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N.A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 60 System Name: PRIMARY HEATER & VENT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73306121-209 VB 8041-B-2-A	N/A	1-60-27	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-225 VB 4469-2-A	N/A	1-60-27	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-60-27

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang Senior Engineer Date: 3/16/2000 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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/18/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature] Inspector's Signature

Commissions: NB11782 A, W, I MD/06/ National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/21/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-028

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805275
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 60

System Name: PRIMARY VENTS

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 44707 VB 5796-2-A	N/A	1-60-28	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73352916-71 VB 9936B-2-A	N/A	1-60-28	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-60-28

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

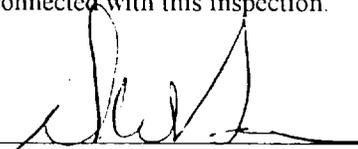
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3/21/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/22/00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


 Inspector's Signature

Commissions: NB 11782 A, W.I.
National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/20/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-029

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900557
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 61 System Name: CONTAINMENT SPRAY

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 42541 VB 3042-2-A-5	N/A	1-61-17	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73306121-30 VB 8227-B-2-A	N/A	1-61-17	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-61-17

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2" x 11", (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, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/18/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-030

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805276
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N.A. Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 63 System Name: STEAM GENERATOR

5. (a) Applicable Construction Code and Class: USAS B31.1 1967E 1972A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(TWE/TWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73355668-450 VB 9910-B-1-SP	N/A	1-63-9	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73355668-200 VB 9511B-1-SP	N/A	1-63-9	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-63-9

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/18/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2/8/00 to 3/29/00 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A, W, I MD/06
National Board, State, and Endorsements

Date: 3/30/00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/1/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-031

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805277
(PO. job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 63 System Name: STEAM GENERATOR

5. (a) Applicable Construction Code and Class: CE - 8067 - 487 - 503

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp	CYL 33191961-002 VB-16 PHD5222-20-8	N/A	1-63-13	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp	CYL 33156120-42 VB T-44117-5 C-44117-10	N/A	1-63- 13 <i>13</i> <i>4/12/00</i>	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER. 1-63-13

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11". (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:

This plan implements Generic Replacement Plan G3 Rev. 1.

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 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

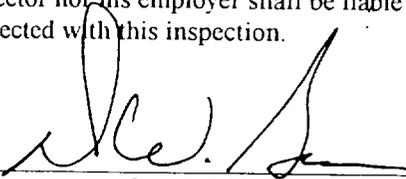
Signed:  Dan Hoang
 Senior Engineer Date: 4/1/2000
 Owner or Owner's Designee, Title

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-5-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


 Inspector's Signature

Commissions: NB 11782 ANI MD1061
 National Board, State, and Endorsements

Date: April 12 2000 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/15/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-032

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805279
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 63

System Name: STEAM GENERATOR

5. (a) Applicable Construction Code and Class: CE-8067-487-503

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 33156120-2 VB 88110314-18 88110314-13	N/A	1-63-18	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 33756120-9 VB VB-11 VB-24	N/A	1-63-18	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-63-18

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G3, Rev. 1.

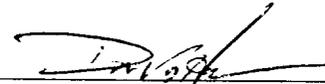
Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this **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

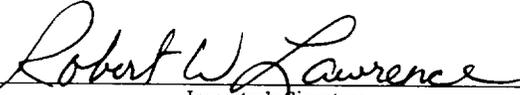
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/15/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-6-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB 3226 ANI, MD 647
National Board, State, and Endorsements

Date: May 2, 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/15/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-033

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900559
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 63

System Name: STEAM GENERATOR

5. (a) Applicable Construction Code and Class: CE-8067-487-503

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(TWE/TWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 33156120-48 VB ZB-23 89311908-102	N/A	1-63-20	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL XAAG9443-002---VB CMC01018-879 CMC01018-879	N/A	1-63-20	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-63-20

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure:

Pressure: N/A psi. Test Temperature: N/A Deg.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G3, Rev. 1.

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 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: [Signature] Dan Hoang Senior Engineer Date: 4/15/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-31-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NBB226ANI, MD647
National Board, State, and Endorsements

Date: May 2, 199 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/1/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-034

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805280
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 63 System Name: STEAM GENERATOR

5. (a) Applicable Construction Code and Class: CE - 8067 - 487 - 503

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 33156120-12 VB-21 / VB-22	N/A	1-63-27	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 33156120-38 VB T-44117-3 C-44117-7	N/A	1-63-27	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-63-27

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

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FORM NIS-2, (Back)

9. Remarks:

This plan implements Generic Replacement Plan G3 Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 4/1/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-6-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A, N, I MD 1061
National Board, State, and Endorsements

Date: 4-12-00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/27/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-035

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900535
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64

System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-119 VB 5867-2-A	N/A	1-64-8	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-138 VB 5861-2-A	N/A	1-64-8	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-8

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

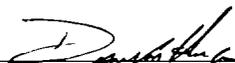
Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this **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

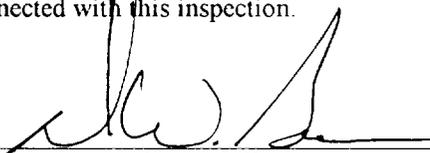
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 3/27/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-1-00 , 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: MD1061
National Board, State, and Endorsements NB1782 A, N, I

Date: 4-11-00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)
G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Date: 4/1/2000

Unit: ONE

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

R&R No: 2000-1-036

MWO No: 1199900558
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(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: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(TWE/TWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 75503196-68 VB 80511048-2	N/A	1-64-11	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 91203758-5 VB 16241-97B-159	N/A	1-64-11	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 1-64-11

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 4/1/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-4-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature] Commissions: MD 1061
Inspector's Signature ND 11782 A, W, I
National Board, State, and Endorsements

Date: 4-11-00 199

FORM NIS-2, (Back)

9. Remarks:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/5/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-30-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB8226ANI, MD647
National Board, State, and Endorsements

Date: May 4, 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/1/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-038

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805283
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: STEAM GENERATOR

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-178 VB 4927-2-A	N/A	1-64-17A	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 75503196-37 VB 79398753-383	N/A	1-64-17A	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1998

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 4/1/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-31-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB B226ANI, MD647
National Board, State, and Endorsements

Date: April 27, 1992000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/30/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-039

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805284
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 72252902-37 VB 3173-2-A	N/A	1-64-18	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72237426-16 VB 6075-2-A	N/A	1-64-18	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-18

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/30/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-27-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 8226 ANI, MD 647
National Board, State, and Endorsements

Date: May 16, 2000 ~~199~~

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/27/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-040

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900537
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 75503196-51 VB B2226-118	N/A	1-64-20	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 80102861-50 VB 102860-28	N/A	1-64-20	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-20

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/27/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-28-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 ANI MD 1061
National Board, State, and Endorsements

Date: 4-11-00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)
G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Date: 4/7/2000

Unit: ONE

2. Plant: Calvert Cliffs Nuclear Power Plant
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

R&R No: 2000-1-041

MWO No: 1199805285
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)
1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(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: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 88126272-26 VB 8912442-36	N/A	1-64-23	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 74402397-203 VB 10446B-2-A	N/A	1-64-23	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-23

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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

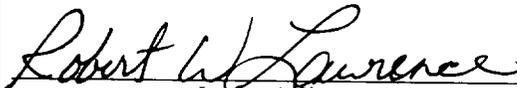
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/7/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-5-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB8226ANI, MD647
National Board, State, and Endorsements

Date: May 2, 2000 —199—

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/7/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-042

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805286
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73355669-69 VB 10537-B-2-A	N/A	1-64-31	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73355669-228 VB B0066-A2-D71C	N/A	1-64-31	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-31

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 4/7/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-2-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB8226ANI, MD647
National Board, State, and Endorsements

Date: May 2, 2000 ~~199~~

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/30/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-043

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805287
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73306121-257 VB 9856-B-1-SP	N/A	1-64-32	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73326236-44 VB 8459-B-2-A	N/A	1-64-32	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-32

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/30/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-28-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

Robert W Lawrence
Inspector's Signature

Commissions: NB 8226 ANI, MD 647
National Board, State, and Endorsements

Date: April 27 1992000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/14/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-044

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805288
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73345358-72 VB 9124-B-1-SP	N/A	1-64-34	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 79404797-70 VB 80511048-7	N/A	1-64-34	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-34

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

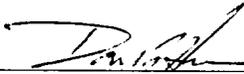
Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this **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:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/14/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-10-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB8226ANI, MD647
National Board, State, and Endorsements

Date: May 2, 2000 ~~199~~

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/1/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-045

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900539
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 74400322-138 VB 10029B-1-SP	N/A	1-64-45	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 74400328-11 VB 10338B-1-SP	N/A	1-64-45	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-45

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang Senior Engineer Date: 4/1/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-4-00 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB11782 ANI MA1061
National Board, State, and Endorsements

Date: 4-11-00 199

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/10/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-047

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805292
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: ONE

4. Identification of System: System Number: 64 System Name: REACTOR COOLANT

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73296237-7 VB 6776B-5-A	N/A	1-64-100	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73296237-16 VB 6778-B-5-A	N/A	1-64-100	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-100

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/5/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-049

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900547
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 83 System Name: MAIN STEAM

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73319136-27 VB 7937-B-3-A	N/A	1-83-4	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72237430-51 VB 5938-3-A	N/A	1-83-4	1994	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-83-4

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2" x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/5/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 3-30-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB8226 ANI, MD647
National Board, State, and Endorsements

Date: May 2, 199 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/5/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-050

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199805295
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 83 System Name: MAIN STEAM

5. (a) Applicable Construction Code and Class: USAS B31.7 1969E 1971A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73212363-6 VB 8670-B-6-A	N/A	1-83-5	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 78364138-16 VB 8710242-7	N/A	1-83-5	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-83-5

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

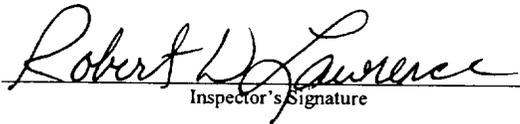
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/5/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-2000 to 4-4-2000, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB3226 ANI MD647
National Board, State, and Endorsements

Date: May 2, 2000 ~~199~~

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/5/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-051

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900542
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 83

System Name: MAIN STEAM

5. (a) Applicable Construction Code and Class: USAS B31.1 1967E 1972A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 89202300-1 VB 77243163-1152	N/A	1-83-49	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 88101085-4 VB 8811697-22	N/A	1-83-49	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-83-49

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure:

Pressure: N/A psi. Test Temperature: N/A Deg.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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.

9. Remarks:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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

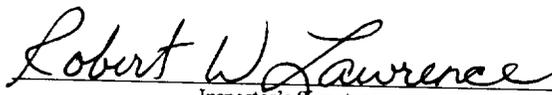
Signed:  Dan Hoang
 Senior Engineer Date: 4/5/2000
 Owner or Owner's Designee, Title

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-4-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


 Inspector's Signature

Commissions: NB 8226 ANI MD 647
 National Board, State, and Endorsements

Date: May 2, 2000 +99

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 4/14/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-053

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900543
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 83 System Name: MAIN STEAM

5. (a) Applicable Construction Code and Class: USAS B31.1 1967E 1972A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 90203641-8 VB 15156-42B-037	N/A	1-83-52	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 72237436-18 VB 8647-B-5-A	N/A	1-83-52	2000	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-83-52

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

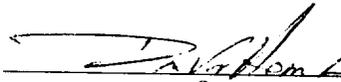
Applicable Manufacturer's Data Reports to be Attached

Certificate of Compliance

We certify that the statements made in this report are correct and that this **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

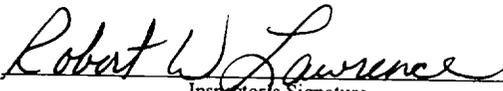
Signed:  Dan Hoang
Owner or Owner's Designee, Title Senior Engineer Date: 4/14/2000

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-10-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB 8226 ANI, MD647
National Board, State, and Endorsements

Date: May 2, 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 3/27/2000

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: ONE

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

R&R No: 2000-1-054

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199900544
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: TWO

4. Identification of System: System Number: 83

System Name: MAIN STEAM

5. (a) Applicable Construction Code and Class: USAS B31.1 1967E 1972A

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	CYL 73345358-102 VB 8760B-1-SP	N/A	1-83-76	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	CYL 73355668-120 VB 9410B-1-SP	N/A	1-83-76	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-83-76

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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: [Signature] Dan Hoang
Senior Engineer Date: 3/27/2000
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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 2-8-00 to 4-1-00, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions: NB 11782 A N I M D 1206 1
National Board, State, and Endorsements

Date: 4-11-00 199

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
 (name)
G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
 (address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
 (name)
1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-064, MWO No. 1199905159
 (address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
CCNPP Dept, 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 Secondary Side & SG
5. (a) Applicable Construction Code and Class: ASME B31.7 1969 Edition, Summer 1971 Add; Class Two
 (b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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" EB-14-1004	N/A	#12 S/G Surface Blowdown Piping up-stream of 1-CV-4012	1975	Replaced	No
Elbow	Dubose National Energy Services Inc.	10486-GX Heat Code: 338	N/A	Elbow, 90 deg., 2", 3000 lb., ASME SA-105	1996	Replacement	No
Pipe	Radnor Alloys Inc.	14118 Ht.# 40007	N/A	Pipe, 2 in. Sch. 80, ASME SA-106 Gr. B	1997	Replacement	No

7. Description of Work:

This plan was for the replacement of piping and fittings up-stream of 1-CV-4012.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 887 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:

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 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, C.H. Ballard
Owner or Owner's Designee, Title Engineering Technician Date: 05/10/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 3-8-00 to 4-16-00, 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.

Robert W. Lawrence Commissions: NB 8226ANI, MD 647
Inspector's Signature National Board, State, and Endorsements

Date: May 18, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 06/01/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-065, MWO No. 1199800696
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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, Winter 1967 Add; Class A CCases: 1336, 1338-3, 1359-1

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
Pressure Vessel	Combustion Engineering	CE-67602	20915	No. 11 Pressurizer	1975	Replaced	Yes
Assembly	ABB Combustion Engineering	42874 SN: B005-01 thru -04	08 thru 11	Upper Pressurizer Mechanical Nozzle Seal Ass. per Drawing 12019-0078, Part # E-MNSABGE-228-005-1	1999	Replacement	Yes
Assembly	ABB Combustion Engineering	42874 SN: B007-01 & -04	017 & 020	Bottom Pressurizer Mechanical Nozzle Seal Ass. per Drawing 12019-0080, Part # E-MNSABGE-228-007-1	1999	Replacement	Yes
Assembly	ABB Combustion Engineering	42874 SN: B006-01	015	Side Pressurizer Mechanical Nozzle Seal Ass. per Drawing 12019-0079, Part # E-MNSABGE-228-006-1	1999	Replacement	Yes

7. Description of Work:

This Plan was for the installation of the Mechanical Nozzle Seal Assemblies (MNSA) on #11 Pressurizer Instrument taps. There were seven assemblies installed. Four on the upper level taps, one at the mid level tap, and two at the lower level taps.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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 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.

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 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: *Chas. H. Ballard* C.H. Ballard Date: 06/01/2000
 Owner or Owner's Designee, Title 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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 3-16-00 to 4-16-00, 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.

Robert W. Lawrence Commissions: NB 8226 ANI, MD647
 Inspector's Signature National Board, State, and Endorsements

Date: June 1, 2000

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(name and address of Certificate Holder)
2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(name and address of Purchaser)
3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(name and address)
4. Type: N/A B007-01 N/A Note 5 017 2000
(Ident. or var. #) (Cert. Holder's serial no.) (CRN) (Drawing no.) (Nat'l. Bd. no.) (Year built)
5. ASME Code, Section III, Division 1: 1989 No Addenda 1 N/A
(Edition) (Addenda Code) (Class) (Code Case no.)
6. Shell: N/A N/A N/A N/A N/A N/A N/A
(Mat'l. spec. no.) (Design strength) (Nom. thickness in. II) (Min. design thickness) (Dia. ID (ft. & in.)) (Length between ST & end)
7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(Lang.) (HT¹) (RT) (Left % (right)) (HT¹) (RT) (No. of courses)
8. Heads: SA-479 TP 304 75,000 N/A N/A
(Mat'l. spec. no.) (Design strength) (Mat'l. spec. no.) (Design strength)

Location (top, bottom, end)	Thickness	Crown Radius	Knurled Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Profile (convex or concave)
(a) End-Note 3	0.50	N/A	N/A	N/A	N/A	N/A	7.50	N/A
(b) N/A								

If removable, bolts used Note 4 Other fastening N/A
(Mat'l. spec. no., S, size, quantity) (Describe or attach photos)

9. Design pressure² 2500 at max. temp. 700 Min. pressure-test temp. 60 Hydro., pneu., or comb. test pressure 3200
(psia) (°F) (°F) (psia)

10. Nozzles, inspection and safety valve openings:

Purpose (vent, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Attached	Mat'l.	Thickness	Reinforcement Material	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(Type or mat) (Quantity) (Quantity) (Quantity) (Describe) (Where & how)

12. Remarks: See Page 2 for additional information

If postweld heat treated: (1) other internal or external pressure with concave temperature when applicable

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 2/13/02
 Date 3/3/00 Name ABB Comb. Eng. Nuc. Power Signed [Signature]
(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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on MAR. 16, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/6/00 Signed [Signature] Commissions N188962N CT-1111
(Authorized Nuclear Inspector) (Nat'l. Bd. (and, endorsement) and state or prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 4 1/4 x 11. (2) information in items 1 through 4 on this Data Report is included on each sheet. (3) each sheet is numbered and number of sheets is recorded at top of this form.
 This form (E00039) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 **Pg. 2 of 2**

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(name and address of ASME Certificate holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(name and address)

4. Type: N/A B007-01 N/A Note 5 017 2000
(Name, or vert.) (Cert. holder's serial no.) (CRN) (drawing no.) (Mat'l. Id. no.) (year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the bottom instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700 F

Note # 1: ABB Combustion Engineering Nuclear Power
 2000 Day Hill Road
 Windsor, CT 06095

Note # 2: Baltimore Gas & Electric Company
 Calvert Cliffs Nuclear Power Plant
 1650 Calvert Cliffs Parkway
 Lusby, Maryland 20657

Note # 3: Upper Flange, Item 6, Drawing Number E-MNSABGE-228-006' 7 *3.6.00*
 2000 3/6/00

Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
 Bolt Size 1/2-20 UNF, Four (4) Bolts used

Note # 5: E-MNSABGE-228-007, Rev. 03

Note # 6: Portions of the construction process were performed during 1999 and 2000 with final testing, stamping and certification completed in 2000.

Charles A. Lytle 3/6/00 *William W. Lytle* *SB8962N CT-1111*
ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. *3/6/00*

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of Manufacturer)
2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)
3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)
4. Type: N/A B007-04 N/A Note 5 020 2000
(Name, or vert.) (Cert. holder's serial no.) (CAMP) (Drawing no.) (Mkt. Bd. no.) (Year built)
5. ASME Code, Section III, Division 1: 1989 No Addenda 1 N/A
(Edition) (Addenda code) (Class) (Code Case no.)
6. Shell: N/A N/A N/A N/A N/A N/A N/A
(Mkt. Bd. spec. no.) (Tensile strength) (Name, thickness, etc.) (Mkt. design thickness) (Dn. ID 1ft & in. H) (Length between ST & SA)
7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(Name) (HT) (RT) (Left. S) (Right) (HT) (RT) (No. of seams)
8. Heads: SA-479 TP 304 75,000 N/A N/A
(Mkt. Bd. spec. no.) (Tensile strength) (Mkt. Bd. spec. no.) (Tensile strength)

Location (Top, Bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flare Diameter	Side to Process (Carved or machined)
(a) End-Note 3	0.50	N/A	N/A	N/A	N/A	N/A	7.50	N/A
(b) N/A								

- If removable, bolts used Note 4 Other fastening N/A
(Mkt. Bd. spec. no., I.S. size, quantity) (Design or attach details)
9. Design pressure 2500 at max. temp. 700 Min. pressure-test temp. 60 Hydro., pneu., or comb. test pressure 3200
(psia) (°F) (psia) (°F) (psia)

10. Nozzles, inspection and safety valve openings:

Purpose (heat, outlet, drain, etc.)	Quantity	Dn. or Size	Type	How Attached	Mat'l.	Thickness	Reinforcement Material	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(Yes or No) (Quantity) (Quantity) (Quantity) (Design) (Where & How)
12. Remarks: See Page 2 for additional information

If positive heat treated, ... If other internal or external pressure with consistent temperature when applicable.

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 2/13/02
 Date 3/3/00 Name ABB Comb. Eng. Nuc. Power Signed Charles Q. Lytle
(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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on MAR. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/6/00 Signed Walter W. [Signature] Commissions NB8962N CT-III
(Authorized Nuclear Inspector) (Mkt. Bd. Incl. endorsement and code or spec. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.
 This form (E000381) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 2 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of Manufacturer)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)

4. Type: N/A B007-04 N/A Note 5 020 2000
(Date, or vert.) (Cert. Holder's serial no.) (CRN) (Drawing no.) (MFL No.) (Year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the bottom instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700 F

Note # 1: ABB Combustion Engineering Nuclear Power
 2000 Day Hill Road
 Windsor, CT 06095

Note # 2: Baltimore Gas & Electric Company
 Calvert Cliffs Nuclear Power Plant
 1650 Calvert Cliffs Parkway
 Lusby, Maryland 20657

Note # 3: Upper Flange, Item 6, Drawing Number E-MNSABGE-228-007 ³⁻⁶⁻⁰⁰ _{2000 3/6/00}

Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
 Bolt Size 1/2-20 UNF, Four (4) Bolts used

Note # 5: E-MNSABGE-228-007, Rev. 03

Note # 6: Portions of the construction process were performed during 1999 and 2000 with final testing, stamping and certification completed in 2000.

Charles A. Lytle *William W. Williams* NB8962N CI-1111
 ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. 3/6/00

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
 As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(name and address of N Certificate holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(name and address)

4. Type: N/A 8006-01 N/A Note 5 015 2000
(name, or vert.) (Cert. Holder's serial no.) (CAM) (drawing no.) (Net's. Bd. no.) (year built)

5. ASME Code, Section III, Division 1: 1989 No Addenda 1 N/A
(edition) (addenda codes) (class) (Code Case no.)

6. Shell: N/A N/A N/A N/A N/A N/A N/A N/A
(mat'l. spec. no.) (tensile strength) (nom. thickness or H) (mat'l. design thickness) (dia. ID (ft & in.)) (length covers or ft & in.)

7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(long.) (HT) (RT) (HT, %) (grain) (HT) (RT) (no. of seams)

8. Heads: SA-479 TP 304 75,000 N/A N/A
(1st mat'l. spec. no.) (tensile strength) (2nd mat'l. spec. no.) (tensile strength)

Location (top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flare Diameter	Side to Process (convex or concave)
(a) End-Note 3	0.73	N/A	N/A	N/A	N/A	N/A	4.81	N/A
(b) N/A								N/A

If removable, bolts used Note 4 Other fastening N/A
(mat'l. spec. no., I.S. size, quantity) (diameter or pitch diameter)

9. Design pressure¹ 2500 at max. temp. 700 Min. pressure-test temp. 60 Hydro., pneu., or comb. test pressure 3225
(psia) (°F) (psia)

10. Nozzles, inspection and safety valve openings:

Purpose (heat, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Attached	Mat'l.	Thickness	Reinforcement Material	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(yes or no) (quantity) (quantity) (quantity) (describe) (where & how)

12. Remarks: See Page 2 for additional information

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 3/13/02
 Date 3/3/00 Name ABB Comb. Eng. Nuc. Power Signed [Signature]
(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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on MAR. 10, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/6/00 Signed [Signature] Commission NB 3742N CT-1111
(Authorized Nuclear Inspector) (Net's. Bd. Insd. endorsement and state or prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.
 This form (E000191) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 2 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of N Certificate holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)

4. Type: N/A B006-01 N/A Note 5 015 2000
(Name, or vert.) (Cert. Holder's serial no.) (CRN) (drawing no.) (Nat'l. Bd. no.) (year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the side instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700°F

- Note # 1: ABB Combustion Engineering Nuclear Power
2000 Day Hill Road
Windsor, CT 06095
- Note # 2: Baltimore Gas & Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
- Note # 3: Upper Flange, Item 6, Drawing Number E-MNSABGE-228-006
- Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
Bolt Size 1/2-20 UNF, Four (4) Bolts used
- Note # 5: E-MNSABGE-228-006, Rev. 03
- Note # 6: Portions of the construction process were performed during 1999 and 2000 with final testing, stamping and certification completed in 2000.

Charles C. Little 3/3/00 *William W. Wood* NB8962AS CT-1111
 ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. 3/6/00

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(name and address of Certificate Holder)
2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(name and address of Purchaser)
3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(name and address)
4. Type: N/A B005-01 N/A Note 5 008 2000
(name, or vert.) (Cart. Holder & serial no.) (CAM) (drawing no.) (Mat'l. Sd. no.) (year built)
5. ASME Code, Section III, Division 1: 1989 No Addenda I N/A
(edition) (addenda codes) (class) (Code Case no.)
6. Shell: N/A N/A N/A N/A N/A N/A N/A
(mat'l. spec. no.) (tensile strength) (nom. thickness in.) (min. design thickness) (dia. or (H & m.)) (length (overall) in & m.)
7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(long.) (HT) (RT) (off. %.) (grain) (HT) (RT) (no. of seams)
8. Heads: SA-479 TP 304 75,000 N/A N/A
(1st mat'l. spec. no.) (tensile strength) (1st mat'l. spec. no.) (tensile strength)

Location <small>(dia., bottom, ends)</small>	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Horizontal Radius	Flat Diameter	Side to Pressure <small>(center or outside)</small>
(a) End-Note 3	0.50	N/A	N/A	N/A	N/A	N/A	7.50	N/A
(b) N/A								

If removable, bolts used Note 4 (mat'l. spec. no., F.S., size, quantity) Other fastening N/A (describe or attach sheets)

9. Design pressure: 2500 at max. temp. 700 Min. pressure-test temp. 60 Hydro., pneu., or comb. test pressure 3200
(psi) (°F) (°F) (psi)

10. Nozzles, inspection and safety valve openings:

Purpose (heat, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Accessed	Mat'l.	Thickness	Reinforcement Method	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(type or size) (quantity) (quantity) (quantity) (describe) (where & how)

12. Remarks: See Page 2 for additional information

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 12/13/02
 Date 3/13/00 Name ABB Comb. Eng. Nuc. Power Signed [Signature]
(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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on MAR. 6, 2000, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/16/00 Signed Walter W. Wells Commissions NB89462N CT-1111
(Authorized Inspector) (Mat'l. Sd. (incl. endorsement) and state or prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.
 This form (E00039) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 **Pg. 2 of 2**

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of N Certificate holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)

4. Type: N/A B005-01 N/A Note 5 008 2000
(Mater. or cert.) (Cert. holder's serial no.) (CRN) (drawing no.) (Mat'l. Bd. no.) (year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the upper instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700°F

- Note # 1: ABB Combustion Engineering Nuclear Power
 2000 Day Hill Road
 Windsor, CT 06095
- Note # 2: Baltimore Gas & Electric Company
 Calvert Cliffs Nuclear Power Plant
 1650 Calvert Cliffs Parkway
 Lusby, Maryland 20657
- Note # 3: Upper Flange (Outboard), Item 6, Drawing Number E-MNSABGE-228-005
- Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
 Bolt Size 1/2-20 UNF, Four (4) Bolts used.
- Note # 5: E-MNSABGE-228-005, Rev. 03
- Note # 6: Portions of the construction process were performed during 1999 and
 2000 with final testing, stamping and certification completed in 2000.

Charles D. Little 3/3/00 William W. Will N83962N CT-1111
 ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. 3/6/00

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of N Certificate holder)
2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)
3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)
4. Type: N/A B005-02 N/A Note 5 009 2000
(Name, or part, (Cart. Holder's serial no.) (CRN) (drawing no.) (Mat'l. Bd. no.) (Year built)
5. ASME Code, Section III, Division 1: 1989 No Addenda 1 N/A
(Edition) (Addenda date) (Class) (Code Case no.)
6. Shell: N/A N/A N/A N/A N/A N/A N/A
(Mat'l. spec. no.) (Tensile strength) (nom. thickness in.) (nom. design thickness) (dia. ID (ft. & in.)) (Length covered (ft. & in.))
7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(Long.) (HT') (RT) (Gr. %) (Grain) (HT') (RT) (No. of seams)
8. Heads: SA-479 TP 304 75,000 N/A N/A
(Mat'l. spec. no.) (Tensile strength) (Mat'l. spec. no.) (Tensile strength)

Location (Loc. bottom, end)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flare Quarter	Side to Pressure (curves or segments)
(a) End-Note 3	0.50	N/A	N/A	N/A	N/A	N/A	7.50	N/A
(b) N/A								N/A

If removable, bolts used Note 4 N/A
(Mat'l. spec. no., T.S., size, quantity) (describe or attach drawing)

9. Design pressure² 2500 at max. temp. 700 Min. pressure-test temp. 60 Hydro., pneu., or comb. test pressure 3175
(psia) (°F) (°F) (psia)

10. Nozzles, inspection and safety valve openings:

Purpose (inlet, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Attached	Mat'l.	Thickness	Reinforcement Material	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(Type or mat.) (Quantity) (Quantity) (Quantity) (Identify) (Where & how)

12. Remarks: See Page 2 for additional information

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 12/13/02
 Date 3/13/02 Name ABB Comb. Eng. Nuc. Power Signed Charles D. Lytle
(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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on Mar. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/6/00 Signed Walter W. Will Commissions NB 8962 N CT-1111
(Authorized Nuclear Inspector) (Mat'l. Bd. Invt. endorsement and state or prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of first form.
 The form (E00039) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 2 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(name and address of N Certificate holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(name and address)

4. Type: N/A B005-02 N/A Note 5 009 2000
(shape, or vert.) (Cert. holder's serial no.) (CRN) (drawing no.) (NRC's Id. no.) (year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the upper instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700°F

- Note # 1: ABB Combustion Engineering Nuclear Power
2000 Day Hill Road
Windsor, CT 06095
- Note # 2: Baltimore Gas & Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
- Note # 3: Upper Flange (Outboard), Item 6, Drawing Number E-MNSABGE-228-005
- Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
Bolt Size 1/2-20 UNF, Four (4) Bolts used.
- Note # 5: E-MNSABGE-228-005, Rev. 03
- Note # 6: Portions of the construction process were performed during 1999 and 2000 with final testing, stamping and certification completed in 2000.

Charles A. Latta 3/3/00 *Wilbur W. Will* *NR8962N CT-1111*
ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. 3/6/00

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of N Certificate holder)
2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)
3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)
4. Type: N/A B005-03 N/A Note 5 010 2000
(Name, or part, (Cert. Holder's serial no.) (CRN) (drawing no.) (Mat'l. Sd. no.) (Year built)
5. ASME Code, Section III, Division 1: 1989 No Addenda 1 N/A
(Edition) (Addenda code) (Class) (Code Case no.)
6. Shell: N/A N/A N/A N/A N/A N/A N/A
(Mat'l. spec. no.) (Plate strength) (Nom. thickness in. II) (Min. design thickness) (dia. ID in. or in. II) (Length covered in. or in. II)
7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(Long.) (HT) (RT) (in. % (grain) (HT) (RT) (in. of course)
8. Heads: SA-479 TP 304 75,000 N/A N/A
(Mat'l. spec. no. I) (Plate strength) (Mat'l. spec. no. I) (Plate strength)

Location (loc. bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (radius or diameter)
(a) End-Note 3	0.50	N/A	N/A	N/A	N/A	N/A	7.50	N/A
(b) N/A								

If removable, bolts used Note 4 Other fastening N/A
(Mat'l. spec. no., T.S., size, quantity) (design or attach detail)

9. Design pressure' 2500 at max. temp. 700. Min. pressure-test temp. 60. Hydro., pneu., or comb. test pressure 3200
(psi) (°F) (psi)

10. Nozzles, inspection and safety valve coverings:

Purpose (vent, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Attached	Mat'l.	Thickness	Reinforcement Material	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(Type or part) (Quantity) (Quantity) (Quantity) (Design) (Where & How)

12. Remarks: See Page 2 for additional information

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 2/13/02
 Date 3/3/00 Name ABB Comb. Eng. Nuc. Power signed [Signature]
(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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on MAR. 6, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/6/00 Signed Willie W. Wall Commissions NB8962-N CT-1111
(Authorized nuclear inspector) (Mat'l. Sd. unit, endorsement and state or prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.
 This form (E00039) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 2 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of N Certificate holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)

4. Type: N/A B005-03 N/A Note 5 010 2000
(horiz. or vert.) (Cert. Holder's serial no.) (CRN) (drawing no.) (Nat'l. Bd. no.) (year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the upper instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700°F

- Note # 1: ABB Combustion Engineering Nuclear Power
 2000 Day Hill Road
 Windsor, CT 06095
- Note # 2: Baltimore Gas & Electric Company
 Calvert Cliffs Nuclear Power Plant
 1650 Calvert Cliffs Parkway
 Lusby, Maryland 20657
- Note # 3: Upper Flange (Outboard), Item 6, Drawing Number E-MNSABGE-228-005
- Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
 Bolt Size 1/2-20 UNF, Four (4) Bolts used.
- Note # 5: E-MNSABGE-228-005, Rev. 03
- Note # 6: Portions of the construction process were performed during 1999 and 2000 with final testing, stamping and certification completed in 2000.

Charles A. Luzzatto 3/3/00 Willie W. Will NR3962N CI-III
 ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. 3/6/00

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(Name and address of Certificate Holder)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(Name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(Name and address)

4. Type: N/A B005-04 N/A Note 5 011 2000
(Name, or vert.) (Cert. holder's serial no.) (CRN) (drawing no.) (Mat'l. Bd. no.) (year built)

5. ASME Code, Section III, Division 1: 1989 No Addenda 1 N/A
(edition) (addenda code) (class) (Code Case no.)

6. Shell: N/A N/A N/A N/A N/A N/A N/A
(Mat'l. spec. no.) (tensile strength) (nom. thickness in.) (min. design thickness) (des. ID (in & in)) (length between IR & CR)

7. Seams: N/A N/A N/A N/A N/A N/A N/A N/A
(long.) (HT*) (RT) (int. %I) (grove) (HT*) (RT) (no. of seams)

8. Heads: SA-479 TP 304 75,000 N/A N/A
(Mat'l. spec. no.) (tensile strength) (Mat'l. spec. no.) (tensile strength)

	Location <small>(top, bottom, end)</small>	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Spherical Radius	Flat Diameter	Side to Profile <small>(convex or concave)</small>
(a)	End-Note 3	0.50	N/A	N/A	N/A	N/A	N/A	7.50	N/A
(b)	N/A								

If removable, bolts used Note 4 Other fastening N/A
(Mat'l. spec. no., T.S., size, quantity) (description or sketch)

9. Design pressure 2500 at max. temp. 700 Min. pressure-test temp. 60 Hydro., pneu., or comb. test pressure 3200
(psia) (°F) (°F) (psia)

10. Nozzles, inspection and safety valve openings:

Purpose (vent, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Attached	Mat'l.	Thickness	Reinforcement Material	Location
N/A								
N/A								
N/A								
N/A								

11. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(type or not) (quantity) (quantity) (description) (location & how)

12. Remarks: See Page 2 for additional information

* If pressure heat treated. List other internal or external pressure with coincident temperature when applicable.

CERTIFICATION OF DESIGN

Design specifications certified by J.T. Conner P.E. State MD Reg. no. 23476
 Design report certified by B.T. Lubin P.E. State CT Reg. no. 15253

CERTIFICATE OF COMPLIANCE

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

N Certificate of Authorization No. N-2037 Expires 2/13/02
 Date 3/3/00 Name ABB Comb. Eng. Nuc. Power Signed [Signature]
(Name and address of 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 CT and employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the component described in this Data Report on MAR. 16, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component 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 3/16/00 Signed [Signature] Commissions NB8962N CT-1111
(Authorized Nuclear Inspector) (Mat'l. Bd. Unit, endorsement and state or prov. and no.)

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.
 This form (E00039) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-1A CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 2 of 2

1. Manufactured and certified by ABB Combustion Engineering Nuclear Power (Note 1)
(name and address of Manufacturer)

2. Manufactured for Baltimore Gas & Electric Company (Note 2)
(name and address of Purchaser)

3. Location of installation Calvert Cliffs Nuclear Power Plant, Units 1 & 2
(name and address)

4. Type: N/A B005-04 N/A Note 5 011 2000
(diam. or vert.) (Cert. holder's serial no.) (CRN) (drawing no.) (Mater. Id. no.) (year built)

Description: This is a Mechanical Nozzle Sealing Assembly (MNSA) used as a mechanical sealing device on the upper instrument nozzles of the plant's pressurizer. It is exposed to the plant's system pressure of 2500 psi. The design temperature for the pressurizer is 700°F

- Note # 1: ABB Combustion Engineering Nuclear Power
2000 Day Hill Road
Windsor, CT 06095
- Note # 2: Baltimore Gas & Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
- Note # 3: Upper Flange (Outboard), Item 6, Drawing Number E-MNSABGE-228-005
- Note # 4: Bolting Material SA-453, Tensile Strength - 130,000 psi
Bolt Size 1/2-20 UNF, Four (4) Bolts used.
- Note # 5: E-MNSABGE-228-005, Rev. 03
- Note # 6: Portions of the construction process were performed during 1999 and 2000 with final testing, stamping and certification completed in 2000.

Charles D. Little 5/15/00 *Walter W. Will* NBS962N CT-1111
 ABB Combustion Engineering Nuclear Power H.S.B.I. & I. Co. 3/6/00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/18/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-066, MWO No. 1200000996
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

CCNPP Dept, 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 B16.5 1968 Edition, Steel Pipe Flanges and Flanged Fittings NPS 1/2" thru 24" & CCase N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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.	1-CKVSI-134	N/A	LPSI to RCS Loop 12A	1975	Replaced	No

7. Description of Work:

This Plan was written to document actions performed on the original valve disc. The valve disc had the anti-rotation lug(s) removed per approved engineering drawings 12124-0002 and 12124-0014. The disc received a Surface Examination after machining. Acceptance criteria for the examination was performed to Section III, 1968 Edition, Class II.

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.

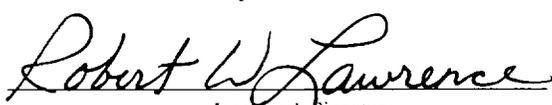
FORM NIS-2 (Back)

9. Remarks:

No Section XI Pre-Service NDE was performed in support of this activity. The replacement valve wedge/plug/disc/trim received a Construction Code Surface Examination at the request of the resident ANII.

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		Replacement
rules of the ASME Code, Section XI.		conforms to the
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 C.H. Ballard Engineering Technician	Date: <u>05/18/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>3-17-00</u> to <u>4-24-00</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 3226 ANI, MD647</u> National Board, State, and Endorsements
Date: <u>May 31,</u> 2000	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/05/2000
 (name)
G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
 (address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
 (name)
1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-067, MWO No. 1200001054
 (address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
CCNPP Dept, 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, Winter 1968 Add; Class A, CCases 1581, N-2, N-10
- (b) Applicable Sect XI Ed. for Repairs/Replacement: 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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 Industries	BM07950	N/A	Unit One Pressurizer Power Operated Safety Valve	1996	Replaced	Yes
Disc	Dresser Industries Inc.	58047-MX Heat# G1355	N/A	Disc, Pilot Valve, P/N 1847403N, ASTM A-565 Gr. 616, ERV, Drwg.#12965-0022, item# 3	1980	Replacement	No
Spindle	Dresser Industries Inc.	97597-GX Heat Code: Y-127	N/A	Spindle, Lower, P/N 1847703N, ASTM A-565 Gr. 616, ERV, Drwg.#12965-0022, item# 6	1987	Replacement	No

7. Description of Work:

This Plan was for the overhaul of the pilot valve portion of Pressurizer Power Operated Relief Valve 1-ERV-404.

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.

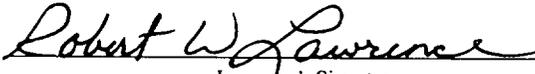
FORM NIS-2 (Back)

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		<u>Replacement</u>
rules of the ASME Code, Section XI.		conforms to the
Type Code Symbol Stamp: <u>N/A</u>		
Certificate of Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>		
Signed:	 C.H. Ballard Engineering Technician	Date: <u>05/05/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>3-15-00</u> to <u>4-21-00</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>NB9226 ANI, MD647</u> National Board, State, and Endorsements
Date: <u>May 18, 2000</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
(name)
G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-068, MWO No. 1199805264
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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 B31.7 1969 Edition, Summer 1971 Add; Class Two

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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	12" GC9-1002,R12	N/A	Safety Injection Piping	1975	Replaced	No
Bracket, Rear	Grinnell Corp	45824	N/A	Bracket, Rear Assembly, 2 1/2" size, Grinnell Fig. 201	1999	Replacement	No

7. Description of Work:

This plan was to allow replacement of the rear bracket on hanger/restraint 12" GC9-1002-R12, which supports snubber 1-52-46.

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		Replacement 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	C.H. Ballard Engineering Technician Date: <u>05/10/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>3-20-00</u> to <u>4-5-00</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>NB8226ANI, MD647</u> National Board, State, and Endorsements
Date: <u>May 11, 2000</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 04/10/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-072, MWO No. 1199801778
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

CCNPP Dept, 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 B31.7 1969 Edition, Summer 1971 Add; Class Two

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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	N/A	N/A	#12 Low Pressure Safety Injection Pump Discharge Piping.	1975	Replaced	No
Nut	Allied Group	39264	N/A	Nut, Heavy Hex, 3/4 in. X 10 TPI, SA-194 Gr. 2H	1999	Replacement	No
Nut	Allied Group	31389	N/A	Nut, Heavy Hex, 3/4 in. X 10 TPI, SA-194 Gr. 2H	1998	Replacement	No
Rod	Mackson Inc.	50814	N/A	Rod, Allthread, 3/4 in. X 10 TPI, SA-193 Gr. B7	2000	Replacement	No

7. Description of Work:

This Plan was for the addition of new fastener materials for flow orifice 1-FE-312.

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:

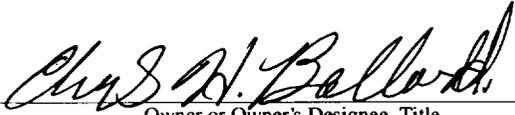
No Section XI Pre-Service NDE was performed in support of this activity.

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 **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

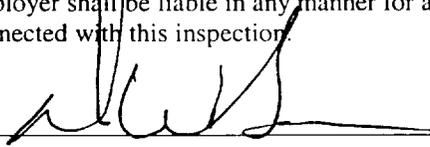
Signed:  C.H. Ballard
 Owner or Owner's Designee, Title Engineering Technician Date: 04/10/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 3/30/00 to 4/4/00, 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 41782 A, N, I MD 1061
 Inspector's Signature National Board, State, and Endorsements

Date: 4/11/00 200

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 04/26/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-073, MWO No. 1200001437
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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, Winter 1967 Add; Class A CCases: 1335-2, 1336, 1359-1

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
Pressure Vessel	Combustion Engineering	Vessel SN:67107 Head SN: 67207	20911	Unit One Reactor Vessel and Head	1971	Replaced	Yes
Nut, Drive, A276, T-321	ABB/CE Nuclear	97553-GX SN:316-9731	N/A	Nut, Drive, ASTM A276, Type 321, for ICI Flanges, CE P/N E-STD-165-011-4	1994	Replacement	No
Plug	BG&E	MWO:205241088A	N/A	Plug, Incore Detection Seal, Dwg. 12148-03,ASTM-A276, Ty316 SS	1985	Replacement	No

7. Description of Work:

This Plan was to allow installation of dummy stainless steel ICI plug(s) fabricated by the CCNPP Machine Shop in accordance with BGE drawing 12148-0003 and FCR 82-97. These plugs were installed in Guide Tube locations D-3, C-13, and L-6. Use of approved drive nut(s) was also allowed with this Plan.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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 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.

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 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 Designee, Title

C.H. Ballard
Engineering Technician

Date: 04/26/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 4-6-00 to 4-16-00, 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.

Robert W. Lawrence
Inspector's Signature

Commissions: NB8226 ANI, MD647
National Board, State, and Endorsements

Date: May 10, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
(name)
- G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
- 1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-074, MWO No. 1199802593
(address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
- CCNPP Dept, 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, Winter 1967 Add; Class A CCases: 1335-2, 1336, 1359-1
- (b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
Pressure Vessel	Combustion Engineering	Vessel SN:67107 Head SN: 67207	20911	Unit One Reactor Vessel and Head	1971	Replaced	Yes
Stud	Energy Steel & Supply Co.	13423-GX Heat Code: N85	N/A	Stud, 1-3/4 in.-8UNC-2A X 13 in. Long; ASME SA-453 grade 660 Class A	1995	Replacement	No
Nut	Allied Nut & Bolt Co Inc	13447-GX Heat Code: W85	N/A	Nut, Heavy Hex, 1-3/4 in.-8UNC-2B; ASME SA-453 Grade 660 Class A	1996	Replacement	No

7. Description of Work:

This Plan was for replacement fasteners as needed on Unit One Reactor Vessel In Core Instrumentation flanges.

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 <u>Replacement</u> 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>Chas H. Ballard</u>	C.H. Ballard Engineering Technician	Date: <u>05/10/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>4-6-00</u> to <u>4-8-00</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>Robert W. Lawrence</u> <small>Inspector's Signature</small>	Commissions: <u>NB 8226 ANI, MD 647</u> <small>National Board, State, and Endorsements</small>
Date: <u>June 1, 2000</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-078, MWO No. 1200001585
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

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

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 One

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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	Bechtel	SN: 1408	N/A	#11 Regen. Heat Exch. Check Valve to #11 Pressurizer Aux. Spray	1975	Replaced	No
Disc	Velan Engineering Co.	90372-GX SN: 604-2	N/A	Disc, Piston Valve, 2", 1500 lb., ASME SA479 Tp. 316, Stellite	1993	Replacement	No

7. Description of Work:

This Plan was for the overhaul of 1-CKVCVC-185, Auxiliary Spray Check Valve, on line 2" CC-5-1003. This included the removal and rewelding of the seal weld.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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:

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 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* C.H. Ballard Date: 05/10/2000
 Owner or Owner's Designee, Title 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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 4-12-00 to 4-16-00, 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.

Robert W. Lawrence Commissions: NB8226 ANI, MD647
 Inspector's Signature National Board, State, and Endorsements

Date: May 10, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/04/2000
(name)
- G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
- 1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 2000-1-082, MWO No. 1199804787
(address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
 Exp Date: N/A
CCNPP Dept, 1650 Calvert Cliffs Parkway, Lusby, MD 20657 Section XI Class: One
(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, 1968 Edition, Winter 1968 Add; Class A, CCases 1581, N-2, N-10
- (b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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 Industries	SN: BY11098	N/A	Unit One Pressurizer Power Operated Safety Valve	1975	Replaced	No
Disc	Dresser Industries Inc.	90011-GX SN: AAB30	N/A	Disc, Main, 2 1/2 in., P/N 4235801N, ASTM A565, Gr. 616, ERV, Drwg.#12965-0022, item# 2	1986	Replacement	No
Parts	Dresser Industries Inc.	54426 SN: BM07951	N/A	Cannibalized: Pilot Nut & Disc, Upper & Lower Spindle, Seat Bushing, 12965-0022, item# 3, 4, 6, 7, 8	2000	Replacement	No
Valve Body	Dresser Industries Inc.	38805 SN: ADB61	N/A	Valve Body, Main Base & Pilot Assy. ASME SA 182 Gr.316 & SA479 Tp 316, Drwg.#12965-0022, item# 1	1999	Replacement	No

7. Description of Work:

This Plan was for the installation of a new Pressurizer Power Operated Relief Valve 1-ERV-402. The valve body is new but the internal parts were cannibalized from a valve (SN: BM07951) that was in the system before.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
- Pressure: 2250 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 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.

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 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: *C.H. Ballard* C.H. Ballard Date: 05/04/2000
Owner or Owner's Designee, Title 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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 4-20-00 to 4-23-00, 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.

Robert W Lawrence Commissions: NB8226 ANI, MD647
Inspector's Signature National Board, State, and Endorsements

Date: May 31, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
(name)
- G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
- 1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 92-1-103, MWO No. 1199103594
(address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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 B31.7 1969 Edition, Summer 1971 Add; Class Two
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1983 Edition, Summer 83 Addenda

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"GC5-1008	N/A	1MOV399 Support/Restraint	1975	Replaced	No
Nut	Allied Group	25058 Heat Code: 214	N/A	Nut, Heavy Hex, 1/2 in. X 13 TPI, SA-194 Gr. 2H	1998	Replacement	No
Angle	Energy Steel & Supply Co.	80622-GX Ht.# 640521	N/A	Angle, 4" X 4" X 1/4", SA-36	1993	Replacement	No
Plate	Energy & Process Corporation	17167-GX Ht.# 0135	N/A	Plate, Steel 3/8 in. ASME SA-36, Carbon Steel	1996	Replacement	No
Rod	Allied Nut and Bolt Co.	18426-GX Ht.# 8996578	N/A	Rod, Allthread, 1/2 in. X 13 TPI, SA-193 Gr. B7	1996	Replacement	No

7. Description of Work:

This Plan was to allow modifications to the support/restraint for 1-MOV-399.

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

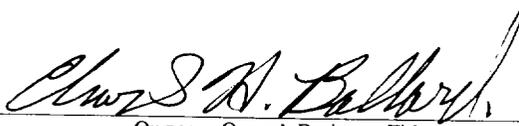
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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	<u>Replacement</u>	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: _____	 C.H. Ballard Engineering Technician	Date: <u>05/10/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>5-3-99</u> to <u>4-8-00</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 8226 ANI, MD 647</u> National Board, State, and Endorsements
Date: <u>May 11, 2000</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/02/2000
(name)
G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 93-1-013, MWO No. 1199200422
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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, Summer 1971 Add; Class Two
 (b) Applicable Sect XI Ed. for Repairs/Replacement 1983 Edition, Summer 83 Addenda

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	Bechtel	1-MOV-269	N/A	Charging Pump Discharge	1975	Replaced	No
Plate	Dubose National Energy Services Inc.	53792-GX	N/A	Plate, Steel 3/8 in. ASME SA-36, Carbon Steel	1992	Replacement	No
Nut	Cardinal Ind. Products	57533-GX	N/A	Nut, Heavy Hex, 1/2 in. X 13 TPI, SA-194 Gr. 2H	1992	Replacement	No
Angle	Energy Steel & Supply Co.	80622-GX	N/A	Angle, 4" X 4" X 3/8", SA-36, Carbon Steel, ASME Section III, Class 1	1993	Replacement	No
Bolt	Cardinal Ind. Products	57352-GX	N/A	Bolt, Heavy Hex. Head, 1/2 in. 13 TPI. X 2 in. ASME SA193, Gr. B7	1991	Replacement	No

7. Description of Work:

This Plan was for the modification of the seismic support for 1-MOV-269 in accordance with ESP ES199800809.

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.

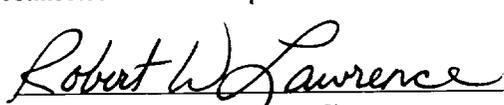
FORM NIS-2 (Back)

9. Remarks:

A Section XI VT-3 Visual Examination of the affected component support was performed prior to the system being returned to service. LTP# 717960

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		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:	 C.H. Ballard Engineering Technician	Date: <u>05/02/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>11-2-99</u> to <u>3-30-00</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 8226 ANI, MD 647</u> National Board, State, and Endorsements
Date: <u>May 10, 2000</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/02/2000
 (name)
G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
 (address)

2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
 (name)
1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 97-1-018, MWO No. 1199701911
 (address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
CCNPP Dept, 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 B31.1.0 1967 Edition, CCases N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 1983 Edition, Summer 83 Addenda

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	ITT Hammel Dahl	SN: 69-4126-001	N/A	# 11A Pressurizer Spray Control Valve	1975	Replaced	No
Bonnet	Flowserve Corporation	51937 SN: S40734-501A	N/A	Bonnet, Bellows, Hammel-Dahl P/N 6367924-EF, Item #2 on Drwg. #12121-0006, 3" 1500 lb. Angle Valve	2000	Replacement	No
Plug	Neles Jamesbury	86883-GX Ht. B8634H, SN D041A	N/A	Plug, Valve, Hammel-Dahl P/N 6177455EF, Item #6 on Drwg. #12121-0006 for 3 in. 1500 Lb. Angle Valve	1994	Replacement	No

7. Description of Work:

This Plan was for the overhaul of 1-CV-100E, which is #11A Pressurizer Spray Control Valve. Because of the evaluation done in ES200000225 the bonnet assembly is only allowed to be used for one fuel cycle. MWO. 1200001460 has been initiated to replace the bonnet during the 2002 refueling outage. This MWO shall not be cancelled or delayed without contacting the R&R group and another engineering evaluation is completed.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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 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.

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 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: *C.H. Ballard* C.H. Ballard Date: 05/02/2000
Owner or Owner's Designee, Title 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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 4-6-00 to 4-16-00, 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.

Robert W. Lawrence Commissions: NBB226ANI, MD647
Inspector's Signature National Board, State, and Endorsements

Date: May 10, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 04/25/2000
(name)
- G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
- 1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 97-1-058, MWO No. 1199701691
(address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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 Two, CCase 1427
- (b) Applicable Sect XI Ed. for Repairs/Replacement 1983 Edition, Summer 83 Addenda

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.	0-CKVFP-141B	N/A	Fire Protection Outboard CTMT Isolation	1975	Replaced	Yes
Disc, Valve	Velan Engineering Co.	10180 SN: 7016	N/A	Disc, Velan 6" 150Lb, Full Bore Swing Check Vlv., P/N VSC 8207-019N002-S, SA-105 Stellite No. 6.	1997	Replacement	No

7. Description of Work:

This Plan was for the replacement of the valve disc for 0CKVFP-141B, Fire Protection Outboard CTMT 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

We certify that the statements made in this report are correct and that this 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: *Chris N. Ballard* C.H. Ballard Date: 04/25/2000
 Owner or Owner's Designee, Title 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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 12-20-99 to 4-5-00, 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.

Robert W. Lawrence Commissions: NB3226 ANZ, MD647
 Inspector's Signature National Board, State, and Endorsements

Date: May 4, 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: August 5, 1998

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: One

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

R&R No: 98-1-015

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199701804
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: Two

4. Identification of System: System Number: 52 System Name: SAFETY INJECTION

5. (a) Applicable Construction Code and Class: USAS B31.7 1969 ED. thru 71 ADD.

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
Hydraulic Snubber	Grinnell Corp.	(Cyl) 73306121-97 (VB) 8217-B-2-A	N/A	1-52-12	N/A	Replaced	No
Hydraulic Snubber	Grinnell Corp.	(Cyl) 73306121-210 (VB) 8045-B-2-A	N/A	1-52-12	1998	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-52-12.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2"x 11", (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.

9. Remarks:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 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:  Dan Hoang
 Senior Engineer Date: August 5, 1998
 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 Factory Mutual Insurance Co. of Norwood, MA have inspected the components described in this Owner's Report during the period 1-6-98 to 8-3-98, 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.

 Commissions: NB 8226 ANI, MD 647
 Inspector's Signature National Board, State, and Endorsements

Date: October 5, 1998

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 04/06/1999
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Parkway; Lusby, Maryland., 20657-4702 R&R No. 99-1-009, MWO No. 1199805583
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

CCNPP Dept, 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 B31.1.0 1967 Edition, 1972 Add

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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	N/A	N/A	Boric Acid Pump discharge to charging system.	1975	Replaced	No
Nut	Cardinal Ind. Products	88627-GX	N/A	Nut, Heavy Hex, 1/2 in. X 13 TPI, SA-194 Gr. 2H	1994	Replacement	No
Anchor Clamp	Hub Inc.	43220-GX	N/A	Strap, Guide 1/2 in., Drwg.# FSK-MP-0571SH 0005, Part# 1, Anchor Clamp.	1990	Replacement	No
Bolt	Nova Machine Products Corp.	26109	N/A	Bolt, Heavy Hex. Head, 1/2 in. 13 TPI. X 2 in. ASME SA1193, Gr. B7	1998	Replacement	No

7. Description of Work:

Replace missing clamp and fastners on piping support for 2"HC-7-1031. Use replacement items as needed to restore to original design.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure:
 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 **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:



 Owner or Owner's Designee, Title

A.R. Zimmerman
 Welding Engineer

Date: 04/06/1999

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 Factory Mutual Insurance Co. of Norwood, MA. have inspected the

components described in this Owner's Report during the period 3-15-99 to 3-29-99, 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: NB8226 ANI, MD 647
 National Board, State, and Endorsements

Date: Sept. 22, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/03/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-012a, MWO No. 1199805677
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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 Two

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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.	1-HVCVC-182	N/A	Charging / HPSI Crossover Isolation Valve	1975	Replaced	No
Valve	Velan Engineering Co.	90585-GX SN: 951105-01	N/A	Valve, Gate, 2 in. 1690 Lb.; SA-182 Type 316 Stainless Steel	1994	Replacement	Yes

7. Description of Work:

Replaced the charging / HPSI crossover isolation valve 1-HVCVC-182.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2272 psi. Test Temperature: 117 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:

Code Case N-416-1 was invoked to satisfy Section XI required pressure tests requirements. Additional Section XI 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 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: *Chas N. Ballard* C.H. Ballard
Owner or Owner's Designee, Title Engineering Technician Date: 05/03/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 4-28-99 to 4-16-00, 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.

Robert W. Lawrence Commissions: NB 8226 ANI, MD647
Inspector's Signature National Board, State, and Endorsements

Date: May 31, 2000

FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company
(name)

Date: 5-12-1999

G&E Building, P.O. Box 1475, Baltimore, MD, 21203
(address)

Unit: One

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

R&R No: 99-1-014

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

MWO No: 1199901752
(PO, job no.)

3. Work Performed by: Baltimore Gas Electric, NED, CCNPPD
(name)

Type Code Symbol Stamp: N/A
Authorization No: N/A Exp Date: N/A

1650 Calvert Cliffs Parkway; Lusby, MD 20657-4702
(address)

Section XI Class: One

4. Identification of System: System Number: 64

System Name: Reactor Coolant

5. (a) Applicable Construction Code and Class: USAS B31.7 1969 ED. thru 1971 ADD.

(b) Applicable Edition of Section XI Utilized for Repairs/Replacements: 1983 Edition, Summer 83 Addenda
1992 Ed., Summer 92 Ad.(IWE/IWL)

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)
HYDRAULIC SNUBBERS	GRINNELL CORP.	(CYL) 72237426-216 (VB) 6155-2-A	N/A	1-64-19	N/A	Replaced	No
HYDRAULIC SNUBBERS	GRINNELL CORP.	(CYL) 73352916-32 (VB) 9751B-2-A	N/A	1-64-19	1999	Replacement	No

7. Description of Work:

PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER: 1-64-19

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure:

Pressure: N/A psi. Test Temperature: N/A Deg.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided: (1) size is 8-1/2" x 11", (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:

This plan implements Generic Replacement Plan G2, Rev. 1.

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 **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

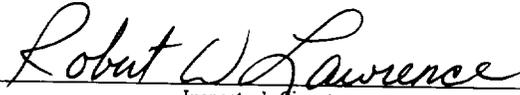
Signed:  Dan Hoang Date: 5-12-1999
Owner or Owner's Designee, Title Senior Engineer

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 Factory Mutual Insurance Co. of Norwood, MA have inspected the

components described in this Owner's Report during the period 5-10-99 to 5-12-99 , 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 personal injury or property damage of a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions: NB8226ANI, MD647
National Board, State, and Endorsements

Date: Sept. 22, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/11/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-029, MWO No. 1199901394
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

CCNPP Dept, 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, 1983 Edition, Summer 1983 Add; Class One

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
RCP Seal	Sulzer Bingham Inc.	1C864	NB 1236	#11A Reactor Coolant Pump Mechanical Seal.	1988	Replaced	Yes
Seal	BG&E Shops, Hydro Tested	MWO:1199802650 SN: 1C866	NB 1238	Seal, Cartridge Assembly (RCP) 875B-3V Complete Sulzer Bingham per FCR 87-0074	1999	Replacement	Yes

7. Description of Work:
 This Plan was for the replacement of the mechanical seal on #11A Reactor Coolant Pump.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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	Replacement	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 W. Ballard</i></u>	C.H. Ballard Engineering Technician	Date: <u>05/11/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>8-3-99</u> to <u>4-16-00</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>Robert W. Lawrence</i></u> <small>Inspector's Signature</small>	Commissions: <u>NB8226 ANI, MD647</u> <small>National Board, State, and Endorsements</small>
Date: <u>June 4, 2000</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/31/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-030, MWO No. 1199800725
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
CCNPP Dept, 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, 1983 Edition, Summer 1983 Add; Class One

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
RCP Seal	Sulzer Bingham Inc.	SN:1C870	NB 1290	#11B Reactor Coolant Pump Mechanical Seal.	1988	Replaced	Yes
Seal	BG&E Shops, Hydro Tested	2199900233 SN:1C863	NB 1294	Seal, Cartridge Assembly (RCP) 875B-3V Complete Sulzer Bingham per FCR 87-0074	1999	Replacement	Yes

7. Description of Work:

This Plan was for the replacement of the mechanical seal on #11B Reactor Coolant Pump.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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 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:

C.H. Ballard
 Owner or Owner's Designee, Title

C.H. Ballard
 Engineering Technician Date: 05/31/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 8-3-99 to 4-16-00, 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.

Robert W. Lawrence
 Inspector's Signature

Commissions: NB8226 ANI, MD647
 National Board, State, and Endorsements

Date: June 1, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
 (name)
G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
 (address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
 (name)
1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-031a, MWO No. 1199700104
 (address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
 (name) Authorization No.: N/A
CCNPP Dept, 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, 1983 Edition, Summer 1983 Add; Class One
 (b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
RCP Seal	Sulzer Bingham Inc.	SN: 1C872	NB 1239	#12A Reactor Coolant Pump Mechanical Seal	1988	Replaced	Yes
Seal	BG&E Shops, Hydro Tested	MWO:2199900233 SN: 1C869	NB 1294	Seal, Cartridge Assembly (RCP) 875B-3V Complete Sulzer Bingham per FCR 87-0074	1999	Replacement	Yes

7. Description of Work:

This Plan was for the replacement of the mechanical seal on #12A Reactor Coolant Pump.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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	Replacement	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>Chas H. Ballard</i></u>	C.H. Ballard Engineering Technician	Date: <u>05/10/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the		
components described in this Owner's Report during the period <u>8-3-99</u> to <u>4-16-00</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>Robert W. Lawrence</i></u> Inspector's Signature	Commissions: <u>NB 8226 ANI, MD 647</u> National Board, State, and Endorsements	
Date: <u>June 1, 2000</u>		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/17/2000
(name)
- G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)
2. Plant: Calvert Cliffs Nuclear Power Plant Unit: One
(name)
- 1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-031b, MWO No. 1199700104
(address) (P.O. no., job no., etc.)
3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A
- CCNPP Dept, 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, Winter 1967 Add; Class A
- (b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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)
Pump	Byron Jackson Pump	SN: 681-N-0439	N/A	#12A Reactor Coolant Pump	1975	Replaced	Yes
Cover	BG&E Shops, Hydro Tested	MWO:2199803683 SN: 681-N-0444	N/A	Pump Cover and Heat Exchanger Assembly, Bryon Jackson Part No. 1E-3567V V		Replacement	No

7. Description of Work:

This Plan was for necessary repairs to # 12A Reactor Coolant Pump. A rebuilt rotating assembly and pump cover was installed back into 12A pump casing.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
- Pressure: 2250 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. A Section XI VT-3 Visual Examination was performed on the pump casing interior surfaces. A Section XI PT Surface Examination was performed on the pump casing welds.

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 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 W. Ballard
Owner or Owner's Designee, Title

C.H. Ballard

Engineering Technician

Date: _____

05/17/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 8-3-99 to 4-16-00, 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.

Robert W. Lawrence
Inspector's Signature

Commissions: NB B226ANI, MD 647

National Board, State, and Endorsements

Date: June 1, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/03/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-034, MWO No. 1199804881
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

CCNPP Dept, 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, Winter 1968 Add; Class A, CCases N-2, N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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.	BM-07952	N/A	Unit One Pressurizer Safety Relief Valve	1975	Replaced	Yes
Valve, Relief	Dresser Industries Inc.	11601 SN: BM07948	N/A	Valve, Consolidated Closed Bonnet Maxiflow Safety; 2-1/2 in. Model 31739A	1997	Replacement	Yes

7. Description of Work:

Replaced 1-RV-201 under the preventive maintenance program with a rebuilt valve.

8. Tests Conducted: Hydrostatic: Pneumatic: Nominal Operating Pressure: Inservice: Leakage: Functional:
 Pressure: 2250 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. A Section XI VT-1 Visual Examination of the bonnet studs and nuts on the replacement valve was performed to satisfy Section Pre-Service NDE Requirements. (LTP# 137050)

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 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:

Chas H. Ballard

Owner or Owner's Designee, Title

C.H. Ballard
Engineering Technician

Date: 05/03/2000

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 Factory Mutual Insurance Co. of Johnston, RI have inspected the

components described in this Owner's Report during the period 7-28-99 to 4-16-00, 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.

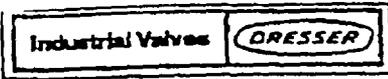
Robert W Lawrence

Inspector's Signature

Commissions: NB8226 ANE, MD647

National Board, State, and Endorsements

Date: May 31, 2000



Alexandria, Louisiana USA

FORM NVR-1 REPORT OF REPAIR MODIFICATION OR REPLACEMENT
OF NUCLEAR PRESSURE RELIEF DEVICES

1. Work performed by Dresser Industries Inc., Dresser Valve And Controls Division, Industrial Valve Operation (name of organization) 01-25949-0 (P.O. no./job no., etc.)
Intersection Hwy 167 & 3225 North, Alexandria, Louisiana (address)

2. Work performed for Baltimore Gas & Electric 1650 Calverts Cliffs Parkway Lusby, MD 20657 (name and address)

3. Owner Baltimore Gas & Electric Calvert Cliffs Nuclear Station (name)
1650 Calverts Cliffs Parkway Lusby, MD 20657-4702 (address)

4. Name, address and identification of nuclear power plant Baltimore Gas & Electric Calverts Cliffs Nuclear Station
1650 Calverts Cliffs Parkway Lusby, MD 20657-4702

5. a. Repaired pressure relief device: Safety Valve

b. Name of manufacturer same as item 1 above

c. Identifying nos. 31739A BM-07948 N/A Steam 2-1/2" 1973
(NPS) (size & code, etc.) (ASME sec. no.) (category) (size) (year built)

d. Construction Code ASME Section III 1968 Winter 1968 N/A N/A
(name/section/division) (edition) (addenda) (Code Case(s)) (Code Case)

6. ASME Code Section XI applicable for inservice inspection 1983 Summer 1983 N/A
(edition) (addenda) (Code Case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1983 Summer 1983 N/A
(edition) (addenda) (Code Case(s))

8. Construction Code used for repairs, modifications, or replacements: 1968 Winter 1968 N/A
(edition) (addenda) (Code Case(s))

9. Design responsibilities See 1 Above

10. Opening pressure: 2550 PSIG Blowdown (if applicable) N/A % - Set pressure and blowdown adjustment using steam (set medium)
made at: Wyle Laboratories Huntsville, AL (location)

11. Description of work: (include name and identifying number of replacement parts) Disassembled, inspected, repaired, modified, cleaned, assembled and tested

12. Remarks: Modified Disc Holder by drilling 3/8" staking hole.
11/23/98

CERTIFICATE OF COMPLIANCE

I, J.P. WATZ certify that the statements made in this report are correct and the repair, modification or replacement of the pressure relief devices described above conforms to Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.
National Board Certificate of Authorization No. 121 to use the "NVR" stamp expires 6/29/2001
National Board Certificate of Authorization No. 47 to use the "NR" stamp expires 6/30/1999
Date 11/23 19 98 Signed same as item 1 above
(name of repair organization) (authorized representative) (signature) (title)

CERTIFICATE OF INSPECTION

I, B.C. Dusher holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Louisiana and employed by The Hartford Steam Boiler Inspection and Insurance Co. of Hartford, CT have inspected the repair, modification or replacement described in this report on 11/23 19 98 and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code "VR" and "NR" rules.
By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the repair, modification or replacement described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from our connected with this inspection.
Date 11/23 19 98 Signed B.C. Dusher Commissions HATTING N L...
(inspector) (National Board (and endorsements), and jurisdiction, and no.)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required Required by the Provisions of the ASME Code Section XI

1. Owner: Baltimore Gas Electric Company Date: 05/10/2000
(name)

G&E Building, P.O. Box 1475, Baltimore, Maryland, 21203 Sheet 1 of 2
(address)

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

1650 Calvert Cliffs Pkwy; Lusby, Maryland 20657-4702 R&R No. 99-1-061, MWO No. 1199800301
(address) (P.O. no., job no., etc.)

3. Work Performed by: Baltimore Gas Electric, NED Type Code Symbol Stamp: N/A
(name) Authorization No.: N/A

CCNPP Dept, 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 Secondary Side & SG

5. (a) Applicable Construction Code and Class: ASME B16.5 1968 Edition, Steel Pipe Flanges and Flanged Fittings NPS 1/2" thru 24" & CCase N-10

(b) Applicable Sect XI Ed. for Repairs/Replacement 83 Ed summer 83 Ad; 92 Ed summer 92 Ad for IWE/IWL

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	Copes Vulcan Inc.	7010-95030-1-2	N/A	#12 Main Steam Header Atmospheric Dump Valve	1975	Replaced	No
Plug Assembly	Copes Vulcan	40668 SN: 99-2 & 99-3	N/A	Trim, Plug Ass., Valve, 5 inch, 600lb., press. retaining parts; Plug, #145380, Inner Plug #145381	1999	Replacement	No

7. Description of Work:

This Plan was for the Overhaul of #12 Main Steam Atmospheric Dump 1-CV-3939.

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

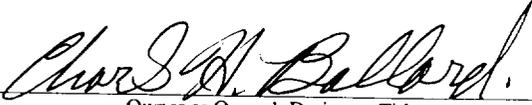
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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	<u>Replacement</u>	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: _____	 C.H. Ballard Engineering Technician	Date: <u>05/10/2000</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 Factory Mutual Insurance Co. of Johnston, RI have inspected the	
components described in this Owner's Report during the period <u>11-1-99</u> to <u>4-17-00</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>NB8226 ANI, MD647</u> National Board, State, and Endorsements
Date: <u>May 11, 2000</u>	