

Supplemental NIS-2 Index

MO Number	Component
29204360	Snubber 2-45-1
29204361	Snubber 2-45-2
29204362	Snubber 2-45-3
29204364	Snubber 2-52-1
29204365	Snubber 2-52-2
29204366	Snubber 2-52-3A
29204368	Snubber 2-52-21
29204369	Snubber 2-52-21A
29204370	Snubber 2-52-22
29204371	Snubber 2-52-22A
29204374	Snubber 2-52-24
29204375	Snubber 2-52-25
29204376	Snubber 2-52-25A
29204377	Snubber 2-52-30A
29204378	Snubber 2-52-36
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29204380	Snubber 2-52-39
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29204383	Snubber 2-52-70
29204388	Snubber 2-61-1
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29204392	Snubber 2-63-3

MO Number	Component
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29204394	Snubber 2-63-18
29204395	Snubber 2-63-20
29204396	Snubber 2-64-10
29204397	Snubber 2-64-17
29204398	Snubber 2-64-20
29204399	Snubber 2-64-28
29203972	Snubber 2-64-42
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29301910	Snubber 2-83-31

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20011
Rts. 2 & 4; Lusby, MD 20657 29204360
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
ASME Sec. XI Class: TWO
4. Identification of System: Startup No.: 45 System Name: FEEDWATER
5. (a) Applicable Construction Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
6. Identification of CompTWOnts Repaired or Replaced and Replacement CompTWOnts: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-45-1
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 45in., (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.

Certificate of Compliance

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

Signed Royce Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOnts

described in this Owners Report during the period 2-1-93 to 2-27-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: August 11, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 5500-4-A (CYL) 7225293-36	N/A	SNUBBER 2-45-1	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 2890-4-A (CYL) 72252893-1	N/A	SNUBBER 2-45-1	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 15, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20012
Rts. 2 & 4; Lusby, MD 20657 29204361
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
ASME Sec. XI Class: TWO
4. Identification of System: Startup No.: 45 System Name: FEEDWATER
5. (a) Applicable Construction Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-45-2
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 45in., (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.

Certificate of Compliance

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

Signed Roger Cantrell, Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-9-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Thompson Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: August 11, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

5. Identification of CompTWOnts Repaired or Replaced and Replacement CompTWOnts:

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 3312-2-A (CYL) 72237426-129	N/A	SNUBBER 2-45-2	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 16345-60 (CYL) 91219611-7	N/A	SNUBBER 2-45-2	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 6, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20013
Rts. 2 & 4; Lusby, MD 20657 29204362
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
ASME Sec. XI Class: TWO
4. Identification of System: Startup No.: 45 System Name: FEEDWATER
5. (a) Applicable Construction Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-45-3
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 45in., (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.

Certificate of Compliance

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

Signed

Robert W. Lawrence
Owner or Owner's Designee, Title

Date

7-14, 1993

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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-3-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence
Inspector's Signature

Commissions

NB 8226

AWI

MD 647

National Board, State, and Endorsements

Date:

August 30, 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 7438B-2-A (CYL) 73302326-270	N/A	SNUBBER 2-45-3	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 16241-14-13-160-2V (CYL) 91203758-7	N/A	SNUBBER 2-45-3	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 AD1

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 23, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20014
Rts. 2 & 4; Lusby, MD 20657 29204364
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-1
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger Cantrell, Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-19-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: August 11, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 7843B-2-A (CYL) 73306121-268	N/A	SNUBBER 2-52-1	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9747B-2-A (CYL) 73352916-20	N/A	SNUBBER 2-52-1	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 15, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20015
Rts. 2 & 4; Lusby, MD 20657 29204365
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-2
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 5 1/2in., (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.

Certificate of Compliance

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

Signed Regan Cantrell / Senior Engineer Date 7-14, 1993.
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-9-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: August 30, 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 8224B-2-A (CYL) 73306121-282	N/A	SNUBBER 2-52-2	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) B2257-118 (CYL) 73352916-14	N/A	SNUBBER 2-52-2	93	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: April 28, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20016
Rts. 2 & 4; Lusby, MD 20657 29204366
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
- (b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
- (c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-3A
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Test Temperature ° F Nominal Operating Pressure N/A
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

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

Certificate of Compliance

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

Signed Robert W. Lawrence Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 4-21-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 AWS MD 647
Inspector's Signature National Board, State, and Endorsements

Date: August 30, 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 80511048-28 (CYL) 79404793-44	N/A	SNUBBER 2-52-3A	N/A	N
HYDRAULIC ,NUBBER	REPLACEMENT	GRINELL CORP.	(VB) B1512-51-D71C (CYL) C-91-1-01	N/A	SNUBBER 2-52-3A	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 23, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20018
Rts. 2 & 4; Lusby, MD 20657 29204368
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-21
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Test Temperature ° F Nominal Operating Pressure N/A
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed

Roger Cantrell / Owner Engineer
Owner or Owner's Designee, Title

Date

7-14, 1993

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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 2-20-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence
Inspector's Signature

Commissions NB 8226 ANI

MD 647

National Board, State, and Endorsements

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

Date:

August 11, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9477B-1-SP (CYL) 73355668-16	N/A	SNUBBER 2-52-21	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9850B-1-SP (CYL) 73355668-433	N/A	SNUBBER 2-52-21	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 23, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20019
Rts. 2 & 4; Lusby, MD 20657 29204369
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-21A
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Reyes Cantrell / Senior Engineer Date 7-13, 1993.
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 2-20-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: August 30, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9108-1-SP (CYL) 7335566-155	N/A	SNUBBER 2-52-21A	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 10322B-1-SP (CYL) 74402396-193	N/A	SNUBBER 2-52-21A	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203

Date: March 6, 1993
Sheet: 1 of 1

2. Plant/Address Calvert Cliffs Nuclear Power Plant
Rts. 2 & 4; Lusby, MD 20657

Unit: TWO

NISU Ref. No.: 93-20020
20204370
P.O. No., MWO No.

3. Work Performed by: Baltimore Gas & Electric Company
Rts. 2 & 4; Lusby, MD 20657

Type Code Symbol Stamp: NONE

Authorization No. N/A

Expiration Date: N/A

4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO

5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.

(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.

(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.

6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.

7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-22

8. Tests Conducted: Hydrostatic N/A
Pressure psi

Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F

9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed

Roger Cantrell / Senior Engineer
Owner or Owner's Designee, Title

Date 7-13, 1993

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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-5-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence
Inspector's Signature

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

Date: August 25, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9963B-1-SP (CYL) 73355668-462	N/A	SNUBBER 2-52-22	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9857B-1-SP (CYL) 74400328-146	N/A	SNUBBER 2-52-22	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 6, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20021
Rts. 2 & 4; Lusby, MD 20657 29204371
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-22A
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger C. Smith, Jr. / Senior Engineer Date: 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-5-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: July 16, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9780B-1-SP (CYL) 73355668-451	N/A	SNUBBER 2-52-22A	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9959B-1-SP (CYL) 73355668-207	N/A	SNUBBER 2-52-22A	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: April 28, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20022
Rts. 2 & 4; Lusby, MD 20657 29204374
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
- (b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
- (c) Original Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-24
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-13, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 4-21-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB5226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: July 15, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 80511048-17 (CYL) 79404793-64	N/A	SNUBBER 2-52-24	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9057B-1-SP (CYL) 7334535-87	N/A	SNUBBER 2-52-24	92	N

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

As Required by the Provisions of the ASME Code Section, 1987 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 29, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20023
Rts. 2 & 4; Lusby, MD 20657 29204375
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-25
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Division Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-26-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 A N I, MD 647
Inspectors Signature National Board, State, and Endorsements

Date: July 15, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 10288B-1-SP (CYL) 74402396-159	N/A	SNUBBER 2-52-25	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 8490-B-1-SP (CYL) 73326235-79	N/A	SNUBBER 2-52-25	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED. 98-83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203

Date March 23, 1993
Sheet: 1 of 1

2. Plant/Address Calvert Cliffs Nuclear Power Plant
Rts. 2 & 4; Lusby, MD 20657

Unit: TWO

NISU Ref. No.: 93-20024
29204376
P.O. No., MWO No.

3. Work Performed by: Baltimore Gas & Electric Company
Rts. 2 & 4; Lusby, MD 20657

Type Code Symbol Stamp: NONE

Authorization No. N/A

Expiration Date: N/A

4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: ONE

5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.

(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.

(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.

6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.

7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-25A

8. Tests Conducted: Hydrostatic N/A
Pressure psi

Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F

9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co., Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 2-28-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANE MD 647
Inspector's Signature National Board, State, and Endorsements

Date: July 16, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 79398753-325 (CYL) 79404793	N/A	SNUBBER 2-52-25A	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 8811224-135 (CYL) 88113312-15	N/A	SNUBBER 2-52-25A	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20025
Rts. 2 & 4; Lusby, MD 20657 29204377
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-30A
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-1-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: Aug 11, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 8130-B-1-SP (CYL) 7326735-10	N/A	SNUBBER 2-52-30A	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 7755-B-1-SP (CYL) 73314166464 2-52-30A	N/A	SNUBBER 2-52-30A	92	N

FORM NIS-2 VNER'S REPORT FOR REPAIRS & REPLACEMENTS

As Required by the Provisions of the ASME Code Section, 1982 Ed., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 25, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20026
Rts. 2 & 4; Lusby, MD 20657 29204378
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOnts Repaired or Replaced and Replacement CompTWOnts: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-36
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Robert W. Lawrence Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOnts

described in this Owners Report during the period 2-1-93 to 2-23-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 3226 AWC MD 647
Inspector's Signature National Board, State, or Endorsements

Date: July 14, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 6036-2-A (CYL) 72252902-130	N/A	SNUBBER 2-52-36	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 685-2-A (CYL) 73212552-16	N/A	SNUBBER 2-52-35	93	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 5, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20027
Rts. 2 & 4; Lusby, MD 20657 29204379
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-37
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-3-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 5226 ANZ MD 647
Inspector's Signature National Board, State, and Endorsements

Date: July 16, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 79398753-349 (CYL) 76124910-137	N/A	SNUBBER 2-52-37	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 16345-73 (CYL) 91219611-16	N/A	SNUBBER 2-52-37	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: April 28, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20028
Rts. 2 & 4; Lusby, MD 20657 29204380
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-39
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 52in., (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.

Certificate of Compliance

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

Signed Roger Cantrell, Design Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 4-27-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 1 N I MD 647
Inspectors Signature National Board, State, and Endorsements

Date: July 15, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 7431B-2-A (CYL) 73302346-201	N/A	SNUBBER 2-52-39	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 16345-57 (CYL) 91219611-12	N/A	SNUBBER 2-52-39	92	N

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

CC-0952 4/92

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 10054B-2-A (CYL) 73352916-116	N/A	SNUBBER 2-52-53	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 16345-77 (CYL) 91219611-25	N/A	SNUBBER 2-52-53	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 25, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20030
Rts. 2 & 4; Lusby, MD 20657 29204382
P.O.No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-55
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 5 1/2in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 2-23-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: August 30, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 10439B-2-A (CYL) 74402397-130	N/A	SNUBBER 2-52-55	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 79398753-377 (CYL) 75503196-16	N/A	SNUBBER 2-52-55	92	N

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

As Required by the Provisions of the ASME Code Section XI, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: July 13, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20031
Rts. 2 & 4; Lusby, MD 20657 29204383
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 52 System Name: SAFETY INJECTION ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-52-70
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

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

Certificate of Compliance

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

Signed Robert W. Lawrence Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components described in this Owners Report during the period 2-1-93 to 2-20-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: August 31, 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 10472-B-1-SP (CYL) 73355668-381	N/A	SNUBBER 2-52-70	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) B0461-S1-D71C (CYL) 73355668-331	N/A	SNUBBER 2-52-70	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 5, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20035
Rts. 2 & 4; Lusby, MD 20657 29204388
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 61 System Name: CONTAINMENT SPRAY ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOnts Repaired or Replaced and Replacement CompTWOnts: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-61-1
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 6in., (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.

Certificate of Compliance

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

Signed

Roger C. Smith / Senior Engineer
Owner or Owner's Designee, Title

Date

7-14, 1993

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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOnts

described in this Owners Report during the period 2-1-93 to 3-4-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence
Inspector's Signature

Commissions NB 8226 ANI, MD 647

National Board, State, and Endorsements

Date:

July 16, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 79398753-329 (CYL) 75503196-48	N/A	SNUBBER 2-61-1	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 16241-96-3-159-2V (CYL) 91203758-20	N/A	SNUBBER 2-61-1	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 25, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU R-f. No.: 93-20036
Rts. 2 & 4; Lusby, MD 20657 29204389
P.O. No., MVO No.
3. Work performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 61 System Name: CONTAINMENT SPRAY ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOnts Repaired or Replaced and Replacement CompTWOnts: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-61-5
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Test Temperature ° F Nominal Operating Pressure N/A
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 61in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-13, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOnts

described in this Owners Report during the period 2-1-93 to 2-22-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: August 30, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9791-B-1-SP (CYL) 73355668-460	N/A	SNUBBER 2-61-5	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9911B-1-SP (CYL) C-91-1-15	N/A	SNUBBER 2-61-5	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 25, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20037
Rts. 2 & 4; Lusby, MD 20657 29204390
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 61 System Name: CONTAINMENT SPRAY ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-61-5A
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 6in., (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.

Certificate of Compliance

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

Signed Roger Cantrell, Division Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 2-22-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: July 15, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 80511048-26 (CYL) 79404793-23	N/A	SNUBBER 2-61-5A	N/A	N
HYDRAULIC 'NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 80102859-15 (CYL) 79404793-33	N/A	SNUBBER 2-61-5A	89	N

FORM NIS-7 VNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section, 1982 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20039
Rts. 2 & 4; Lusby, MD 20657 29204392
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 63 System Name: STEAM GENERATOR ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
6. Identification of Component(s) Repaired or Replaced and Replacement Component(s): See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-63-3
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 63 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.

Certificate of Compliance

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

Signed: Roger Cantrell / Senior Engineer Date: 7-13, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the component(s)

described in this Owners Report during the period 2-1-93 to 3-1-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Simpson Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: August 30, 1993

6. Identification of CompTWOnt's Repaired or Replaced and Replacement CompTWOnt's:

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9478B-1-SP (CYL) 73355668-21	N/A	SNUBBER 2-63-3	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9842B-1-SP (CYL) 73355668-21	N/A	SNUBBER 2-63-3	92	N

FORM NIS 2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475, Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20040
Rts. 2 & 4; Lusby, MD 20657 29204393
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 63 System Name: STEAM GENERATOR ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-63-4
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Test Temperature ° F Nominal Operating Pressure N/A
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 63in., (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.

Certificate of Compliance

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

Signed

Robert W. Sturges
Owner or Owner's Designee, Title

Date

7-14, 1993

Certificate of Inservice Inspection

I, the undersigned, holding a 3rd com. issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Maryland and employed by Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-1-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Sturges
Inspector's Signature

Commissions NB 8226 ANI MD 647

National Board, State, and Endorsements

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

Date:

August 11, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) B2238-118 (CYL) 79404793-17	N/A	SNUBBER 2-63-4	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) V-90-12-01 (CYL) C-90-12-01	N/A	SNUBBER 2-63-4	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203
Date: March 25, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant
Rts. 2 & 4; Lusby, MD 20657
Unit: TWO
NISU Ref. No.: 93-20041
29204394
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company
Rts. 2 & 4; Lusby, MD 20657
Type Code Symbol Stamp: NONE
Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 63 System Name: STEAM GENERATOR
ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: CE 8067-487-503
(b) Applicable Installation Code & Class: CE 8067-487-503
(c) Original Construction/Installation Code & Class: CE 8067-487-503
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-63-18
8. Tests Conducted: Hydrostatic N/A Pressure psi
Pneumatic N/A Test Temperature ° F
Nominal Operating Pressure N/A
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 63in., (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.

Certificate of Compliance

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

Signed Robert W. Thompson Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-15-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Thompson Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

Date: August 11, 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) ZB37 / ZB38 (CYL) 33156120-50	N/A	SNUBBER 2-63-18	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) ZB84 / ZB85 (CYL) 33156120-45	N/A	SNUBBER 2-63-18	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 12, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20042
Rts. 2 & 4; Lusby, MD 20657 29204395
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 63 System Name: STEAM GENERATOR ASME Sec. XI Class: TWO
5. (a) Applicable Construction Code & Class: CE 8067-487-503
- (b) Applicable Installation Code & Class: CE 8067-487-503
- (c) Original Construction/Installation Code & Class: CE 8067-487-503
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-63-20
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 63in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-20-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, Sta. c. and Endorsements

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

Date: August 11, 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) VB 33/VB 35 (CYL) 33156120-15	N/A	SNUBBER 2-63-20	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) VB 15/VB 17 (CYL) 33156120-11	N/A	SNUBBER 2-63-20	93	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: February 25, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20043
Rts. 2 & 4; Lusby, MD 20657 29204396
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 64 System Name: REACTOR COOLANT ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add. CLASS II
6. Identification of CompTWOnts Repaired or Replaced and Replacement CompTWOnts: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-64-10
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 64in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOnts

described in this Owners Report during the period 2-1-93 to 2-24-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: August 30, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9120B-1-SP (CYL) 73345358-106	N/A	SNUBBER 2-64-10	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 10326B-1-SP (CYL) 74400328-2	N/A	SNUBBER 2-64-10	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 12, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20044
Rts. 2 & 4; Lusby, MD 20657 29204397
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A ASME Sec. XI Class: ONE
4. Identification of System: Startup No.: 64 System Name: REACTOR COOLANT ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-64-17
8. Tests Conducted: Hydr. static N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure: psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 64in., (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.

Certificate of Compliance

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

Signed Roger Cantrell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-12-93, and state that 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 warranty, 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.

Factory Mutual System

Robert L. Lawrence Commissions NB 8226 A N E. MD 647
Inspectors Signature National Board, State, and Endorsements

Date: July 15, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9789B-1-SP (CYL) 73355668-472	N/A	SNUBBER 2-64-17	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 8617B-1-SP (CYL) 7335566-8	N/A	SNUBBER 2-64-17	90	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20045
Rts. 2 & 4; Lusby, MD 20657 29204398
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 64 System Name: REACTOR COOLANT ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-64-20
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 64in., (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.

Certificate of Compliance

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

Signed

Roger Cantrell / Division Engineer
Owner or Owner's Designee, Title

Date

7-14, 1993

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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-1-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence
Inspector's Signature

Commissions NB 8226 A N I, MD 647

National Board, State, and Endorsements

Date:

July 15, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 9055B-1-SP (CYL) 73345358-110	N/A	SNUBBER 2-64-20	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 9066B-1-SP (CYL) 73345358-85	N/A	SNUBBER 2-64-20	91	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20046
Rts. 2 & 4; Lusby, MD 20657 29204399
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 64 System Name: REACTOR COOLANT ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-64-28
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2in x 64in., (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.

Certificate of Compliance

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

Signed Roger Cartell / Senior Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 2-27-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. Lawrence Commissions NB 8226 ANI MD 647
Inspectors Signature National Board, State, and Endorsements

Date: August 31, 1993

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 79398753-390 (CYL) 79404797-18	N/A	SNUBBER 2-64-28	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 79398753-359 (CYL) 79404793-45	N/A	SNUBBER 2-64-28	92	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 25, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20047
Rts. 2 & 4; Lusby, MD 20657 29203972
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 64 System Name: REACTOR COOLANT ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-64-42
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Test Temperature r F Nominal Operating Pressure N/A
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 64in., (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.

Certificate of Compliance

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

Signed Roger Castelli, Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 2-1-93 to 3-23-93, and state that 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 warranty, 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.

Factory Mutual System

Robert H. Lawrence Commissions NB8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: Aug 11, 1993

**FACTORY MUTUAL
ENGINEERING ASSOCIATION**

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 6770B-5-A (CYL) 73296277-15	N/A	SNUBBER 2-64-42	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 17091-50 (CYL) 92230788-G24	N/A	SNUBBER 2-64-42	93	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20048
Rts. 2 & 4; Lusby, MD 20657 29204400
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
4. Identification of System: Startup No.: 64 System Name: REACTOR COOLANT ASME Sec. XI Class: ONE
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-64-46
8. Tests Conducted: Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
Pressure psi Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 64in., (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.

Certificate of Compliance

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

Signed *Roger Cantrell* Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 2-26-93, and state that 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 warranty, 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.

Factory Mutual System

Robert W. [Signature] Commissions NB 8226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: July 15, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) 6774B-5-A (CYL) 73296277-3	N/A	SNUBBER 2-64-46	N/A	N
HYDRAULIC SNUBBER	REPLACEMENT	GRINELL CORP.	(VB) 6765B-5-A (CYL) 73296237-2	N/A	SNUBBER 2-64-46	93	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'B3 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: March 2, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20050
Rts. 2 & 4; Lusby, MD 20657 29204402
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
ASME Sec. XI Class: TWO
4. Identification of System: Startup No.: 83 System Name: MAIN STEAM
5. (a) Applicable Construction Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(b) Applicable Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
(c) Original Construction/Installation Code & Class: USAS B31.7 1969 Ed. thru 71 Add.
6. Identification of CompTWOns Repaired or Replaced and Replacement CompTWOns: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-83-1
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

Note: Supplemental sheets in form of lists, sketches, of drawings may be used, provided (1) size is 8-1/2in x 83in., (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.

Certificate of Compliance

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

Signed Roger Cartell / Owner Engineer Date 7-14, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the compTWOns

described in this Owners Report during the period 2-1-93 to 3-1-93, and state that 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 warranty, 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.

Factory Mutual System

Robert H. [Signature] Commissions NB 3226 ANI MD 647
Inspector's Signature National Board, State, and Endorsements

Date: July 14, 1993

FACTORY MUTUAL
ENGINEERING ASSOCIATION

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

Name of CompTWOnt	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) B3199-A5-D7-1C (CYL) 74440217-22	N/A	SNUBBER 2-83-1	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) B3199-A5-D7-C1 (CYL) 74440217-22	N/A	SNUBBER 2-83-1	93	N

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

As Required by the Provisions of the ASME Code Section, 1983 ED., S'83 ADD

1. Owner/Address: Baltimore Gas & Electric Company
P.O. Box 1475; Baltimore, MD 21203 Date: May 4, 1993
Sheet: 1 of 1
2. Plant/Address: Calvert Cliffs Nuclear Power Plant Unit: TWO NISU Ref. No.: 93-20052
Rts. 2 & 4; Lusby, MD 20657 29301910
P.O. No., MWO No.
3. Work Performed by: Baltimore Gas & Electric Company Type Code Symbol Stamp: NONE
Rts. 2 & 4; Lusby, MD 20657 Authorization No. N/A
Expiration Date: N/A
ASME Sec. XI Class: TWO
4. Identification of System: Startup No.: 83 System Name: MAIN STEAM
5. (a) Applicable Construction Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(b) Applicable Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
(c) Original Construction/Installation Code & Class: USAS B31.1 1967 Ed. thru 72 Add. CLASS II
6. Identification of Components Repaired or Replaced and Replacement Components: See Reverse of this Form.
7. Description of Work: PERFORMED PREVENTIVE MAINTENANCE ON SNUBBER 2-83-31
8. Tests Conducted: Hydrostatic N/A Pressure psi Pneumatic N/A Nominal Operating Pressure N/A
Test Temperature ° F
9. Remarks/Code Cases: NONE

Applicable Manufacturer's Data Reports to be Attached

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

Certificate of Compliance

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

Signed [Signature] Date July 31, 1993
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 Arkwright Mutual Insurance Co. of Norwood, Ma. have inspected the components

described in this Owners Report during the period 1-20-93 to 3-3-93, and state that 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 warranty, 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.

Factory Mutual System

William R. Rogers III
Inspector's Signature

Commissions NB 7980

MD 952 NIBS IS
National Board, State, and Endorsements

Date: 8-5 1993

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

Name of Component	Repaired, Replaced or Replacement	Name of Manufacturer	MFG's Serial No.	National Board No	Other Identification	Year Built	ASME Code Stamped Y or N
HYDRAULIC SNUBBER	REPLACED	GRINELL CORP.	(VB) B2285-A2 (CYL) 86340253-10	N/A	SNUBBER 2-83-31	N/A	N
HYDRAULIC NUBBER	REPLACEMENT	GRINELL CORP.	(VB) 8647B-5-A (CYL) 72237436-18	N/A	SNUBBER 2-83-31	93	N