



# PECO NUCLEAR

A Unit of PECO Energy

**James D. von Suskil**  
Vice President  
Limerick Generating Station

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T.S. 4.0.5.  
10 CFR 50.55a(g)  
August 7, 2000  
Docket No. 50-352  
License No. NPF-39

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

**SUBJECT:** Limerick Generating Station, Unit 1  
Summary Reports for In-Service Inspections  
and ASME Section XI Repairs and Replacements

Enclosed are the reports.

1. Limerick Generating Station, Unit 1 Summary Report for the May 21, 1998  
April 28, 2000 Period In-Service Inspection - Report No. 8
2. Limerick Generating Station, Unit 1 Summary of ASME Section XI Repairs and  
Replacements completed from May 21, 1998 to April 28, 2000 - Report No. 8

These reports are being submitted pursuant to Technical Specification Surveillance  
Requirements 4.0.5 and 10 CFR 50.55a(g).

If you have any questions or require additional information, please do not hesitate to  
contact us.

Very truly yours,

Enclosures

cc: H. J. Miller, Administrator, Region 1, USNRC  
A. L. Burritt, USNRC Senior Resident Inspector, LGS

A047

**LIMERICK GENERATING STATION**

**UNIT 1**

**SUMMARY REPORT FOR THE**

**MAY 21, 1998 TO APRIL 28, 2000**

**PERIODIC IN-SERVICE INSPECTION**

**REPORT No. 8**

**BOOK 1 OF 2**

**SECTION 3**

**SUMMARY OF ASME REPAIRS  
AND REPLACEMENTS COMPLETED  
LIMERICK GENERATING STATION  
UNIT 1  
MAY 21, 1998 TO APRIL 28, 2000**

**SUMMARY OF ASME XI REPAIRS AND REPLACEMENTS**

**SYSTEM 011 EMERGENCY SERVICE WATER**

- C0179674 HV-011-101E REPLACED 2" VALVE AND ADJACENT PIPING
- C0182211 HBC-139-03 REPLACED WELD W-59 & W-72 TO CORRECT ALIGNMENT
- C0191669 HV-011-131A REPLACED MOTOR OPERATED VALVE WITH MANUAL VALVE 011-1131A AND UPGRADED PIPE TO STAINLESS STEEL.
- C0191842 HV-011-131C REPLACED MOTOR OPERATED VALVE WITH MANUAL VALVE 011-1131C AND UPGRADED PIPE TO STAINLESS STEEL.
- C0191843 HV-011-133B REPLACED MOTOR OPERATED VALVE WITH MANUAL VALVE 011-1133B AND UPGRADED PIPE TO STAINLESS STEEL.
- C0191844 HV-011-133D REPLACED MOTOR OPERATED VALVE WITH MANUAL VALVE 011-1133D AND UPGRADED PIPE TO STAINLESS STEEL.

**SYSTEM 041 MAIN STEAM RELIEF VALVES**

- R0774098 PSV-041-1F013A REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 175 AND NEW PILOT S/N 16.
- R0774087 PSV-041-1F013B REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 169 AND NEW PILOT S/N 21.
- R0774093 PSV-041-1F013C REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 189 AND NEW PILOT S/N 22. WELD REPAIRED VALVE INLET FLANGE PER W/O C0192647.
- R0774090 PSV-041-1F013D REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 174 AND NEW PILOT S/N 17.
- R0771857 PSV-041-1F013E REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 181 AND NEW PILOT S/N 29.
- R0773163 PSV-041-1F013F REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 150 AND NEW PILOT S/N 27.
- R0773820 PSV-041-1F013G REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 170 AND NEW PILOT S/N 15.
- R0774052 PSV-041-1F013H REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 148 AND NEW PILOT S/N 18.
- R0777896 PSV-041-1F013J REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 145 AND NEW PILOT S/N 25.

R0773022 PSV-041-1F013K REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 176 AND NEW PILOT S/N 20. WELD REPAIRED VALVE INLET FLANGE PER W/O C0192891.

R0772453 PSV-041-1F013L REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 180 AND NEW PILOT S/N 25.

R0772454 PSV-041-1F013M REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 147 AND NEW PILOT S/N 23.

R0774089 PSV-041-1F013N REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 190 AND NEW PILOT S/N 24.

R0773017 PSV-041-1F013S REPLACED MAIN STEAM RELIEF VALVE AND PILOT WITH REWORKED BODY S/N 151 AND NEW PILOT S/N 30.

**SYSTEM 041 NUCLEAR BOILER**

C0180426 HV-041-1F022A REPLACED MSIV PILOT POPPET

C0180428 HV-041-1F022C WELDED ANTI-ROTATION WELDS ON PILOT POPPET

C0193378 HV-041-1F028A WELDED POPPET NUT TO PILOT POPPET

C0193386 HV-041-1F028C WELDED ANTI-ROTATION WELDS ON PILOT POPPET

C0193387 HV-041-1F028D WELDED ANTI-ROTATION WELDS ON PILOT POPPET

C0183528 HV-041-1F016 REPLACED WEDGE ON 3" VALVE

C0191120 HV-041-1F019 REPLACED LEAKOFF PLUG WITH ASME MATERIAL AND SEAL WELDED.

R0772148 10-S201 REACTOR REASSEMBLY - REPLACED 1 NUT ON RPV HEAD N-7 NOZZLE FLANGE

**SYSTEM 044: REACTOR WATER CLEAN-UP**

C0181837 044-1063 REPLACED 4" CHECK VALVE DISC

C0184852 044-1029 REPLACED 4" VALVE AND ADJACENT PIPING

M1260430 044-1064 REPLACED CHECK VALVE DISC

**SYSTEM 047: CONTROL ROD DRIVES**

R0765616 10-S201 REPLACED BOLTING ASSOCIATED WITH 20 CRDS EXCHANGED

**SYSTEM 048 STAND -BY LIQUID CONTROL**

R0765364 XV-048-1F004A REPLACED EXPLOSIVE VALVE TRIGGER BODY  
R0778453 XV-048-1F004B REPLACED EXPLOSIVE VALVE TRIGGER BODY.

**SYSTEM 049 RCIC**

C0191757 HV-049-1F008 HV-049-1F008 REPLACED VALVE INTERNALS  
R0796229 049-1F030 REPLACED CHECK VALVE DISC

**SYSTEM 050 RCIC PUMP & TURBINE**

C0190416 HV-050-1F045 REPLACED 6" BUTT WELDED VALVE

**SYSTEM 051 RHR**

C0189068 HV-051-1F024A REPLACED 24" GLOBE VALVE

**SYSTEM 052 CORE SPRAY**

C0189218 HV-052-1F037 DRILLED RELIEF HOLE IN VALVE WEDGE TO PREVENT  
PRESSURE LOCKING.

**SYSTEM 055 HPC1**

C0191685 HV-055-1F003 REPLACED VALVE DISC  
R0774094 055-1048 SEAL WELDED CHECK VALVE BONNET TO BODY  
R0814444 055-1F046 REPLACED 4" CHECK VALVE DISC

**SYSTEM 056 HPC1 PUMP & TURBINE**

C0190904 PCV-056-1F035 REPLACED VALVE & ADJACENT PIPE  
C0191653 056-1F052 REPLACED CHECK VALVE AND ADJACENT PIPE

**SYSTEM 087 DRYWELL CHILLED WATER**

C0187008 HV-087-120B REPLACED BODY TO BONNET STUDS & NUTS

**SYSTEM 103 SNUBBERS**

A1093995	REPLACED MECHANICAL SNUBBERS
A1212194	REPLACED MECHANICAL SNUBBERS
A1212205	REPLACED MECHANICAL SNUBBERS
A1217743	REPLACED MECHANICAL SNUBBERS WITH HYDRAULIC SNUBBERS

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0179674  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_ N/A  
 Name \_\_\_\_\_ Authorization No. \_\_\_\_\_ N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_ N/A  
 Address \_\_\_\_\_
4. Identification of System Emergency Service Water (System 011) Line No. SP-HBC-141-E1
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter '74 Addenda, N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIECE# 51 COUPLING	BONNEY FORGE	LOT # 9113	N/A	* 114-90782	N/A	REPLACEMENT	NO
PIPE PC# 47, 48 & 49	QUANEX	HEAT# 291532	N/A	* 114-90045	N/A	REPLACEMENT	NO
VALVE HV-011-101E	EDWARD	S/N 06AGF	N/A	* 114-85129	1994	REPLACEMENT	YES
ELBOW PIECE # 50	LADISH	HEAT CODE BR7H	N/A	* 114-90018	N/A	REPLACEMENT	NO
FLANGE PIECE # 52	IDEAL FORGING	HEAT CODE S1205	N/A	* 114-90527	N/A	REPLACEMENT	NO

\* Traceability per PECO Part Code Number

7. Description of Work Replaced 2" valve and adjacent piping
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 125 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO Engineering Change Request# 97-03460.  
Applicable Manufacturer's Data Reports to be attached

Manufacturers Data Report is traceable by PECO Work Order package.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. KRAMER, Engineer Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 8/4/1999 to 7/25/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Lemay Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/25 19 2000



FORM NIS-2 (BACK)

9. Remarks None  
Applicable Manufacturer's Data Reports to be attached

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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9/7/1999 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul [Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date July 10, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 3  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work order # C0191669  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-192 011-1131A
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
6" VALVE 011-1131A	ATWOOD & MORRILL	4-11610-01	N/A	* 114-03048 PO# 170807	2000	REPLACEMENT	YES
(16) STUDS	ATWOOD & MORRILL	HEAT# M71949	N/A	PO# 170807	N/A	REPLACEMENT	NO
(16) NUTS	ATWOOD & MORRILL	HEAT# 90645	N/A	PO# 170807	N/A	REPLACEMENT	NO
6" PIPE	SANDVICK	HEAT# 442798	N/A	* 114-90012 PO# 176950	N/A	REPLACEMENT	NO
6" SLIP-ON FLANGE	WFI NUCLEAR	HEAT CODE 750ZNF1	N/A	* 114-07662 PO# 177222	N/A	REPLACEMENT	NO
6" WELD NECK FLANGE	WFI NUCLEAR	HEAT CODE 387XNE	N/A	* 114-07663 PO# 177222	N/A	REPLACEMENT	NO

\* Traceability per PECO part code number.

7. Description of Work Replaced 6" motor operated valve HV-011-131A with manual valve and upgraded adjacent piping to stainless steel.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 125 psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO ECR 99-01417.  
Applicable Manufacturer's Data Reports to be attached

Valve 011-1131A manufactured in accordance with ASME III, 1971 edition, Summer 1972 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date July 10, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT

have inspected the components described in this Owner's Report during the period 2/10/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date July 10, 2000  
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 3  
Address

2. Plant Limerick Generating Station Unit 1  
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 Work order # C0191842  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System Emergency Service Water (System 011) Line No. HBC-192 011-1131C

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
6" VALVE 011-1131C	ATWOOD & MORRILL	1-11610-01	N/A	* 114-03048 PO# 170807	2000	REPLACEMENT	YES
(16) STUDS	ATWOOD & MORRILL	HEAT# M71949	N/A	PO# 170807	N/A	REPLACEMENT	NO
(16) NUTS	ATWOOD & MORRILL	HEAT# 90645	N/A	PO# 170807	N/A	REPLACEMENT	NO
6" PIPE	SANDVICK	HEAT# 442798	N/A	* 114-90012 PO# 176950	N/A	REPLACEMENT	NO
6" SLIP-ON FLANGE	WFI NUCLEAR	HEAT CODE 750ZNF1	N/A	* 114-07662 PO# 177222	N/A	REPLACEMENT	NO
6" WELD NECK FLANGE	WFI NUCLEAR	HEAT CODE 387XNE	N/A	* 114-07663 PO# 177222	N/A	REPLACEMENT	NO

\* Traceability per PECO part code number.

7. Description of Work Replaced 6" motor operated valve HV-011-131C with manual valve and upgraded adjacent piping to stainless steel.

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other          Pressure 125 psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

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FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO ECR 99-01417.  
Applicable Manufacturer's Data Reports to be attached

Valve 011-1131C manufactured in accordance with ASME III, 1971 edition, Summer 1972 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date July 10, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/10/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date July 10, 2000  
 Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 3  
 Address
2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work order # C0191843  
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address
4. Identification of System Emergency Service Water (System 011) Line No. HBC-193 011-1133B
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
6" VALVE 011-1133B	ATWOOD & MORRILL	2-11610-01	N/A	* 114-03048 PO# 170807	2000	REPLACEMENT	YES
(16) STUDS	ATWOOD & MORRILL	HEAT# M71949	N/A	PO# 170807	N/A	REPLACEMENT	NO
(16) NUTS	ATWOOD & MORRILL	HEAT# 90645	N/A	PO# 170807	N/A	REPLACEMENT	NO
6" PIPE	SANDVICK	HEAT# 442798	N/A	* 114-90012 PO# 176950	N/A	REPLACEMENT	NO
(2) 6" SLIP-ON FLANGE	WFI NUCLEAR	HEAT CODE 750ZNF1	N/A	* 114-07662 PO# 177222	N/A	REPLACEMENT	NO
(2) 6" SLIP-ON FLANGE	WFI NUCLEAR	HEAT CODE 173YNE1	N/A	* 114-07661 PO# 177222	N/A	REPLACEMENT	NO

\* Traceability per PECO part code number.

7. Description of Work Replaced 6" motor operated valve HV-011-133B with manual valve and upgraded adjacent piping to stainless steel.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 112 psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017



FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO ECR 99-01717.  
Applicable Manufacturer's Data Reports to be attached  
Valve 011-1133B manufactured in accordance with ASME III, 1971 edition, Summer 1972 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date July 10, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT

have inspected the components described in this Owner's Report during the period 2/10/2000 to 7/26/2000, 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.

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[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date July 10, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 3  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work order # C0191844  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Emergency Service Water (System 011) Line No. HBC-193 011-1133D
5. (a) Applicable Construction Code ASME III 1974 Edition, Winter 1974 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
6" VALVE 011-1133D	ATWOOD & MORRILL	3-11610-01	N/A	* 114-03048 PO# 170807	2000	REPLACEMENT	YES
(16) STUDS	ATWOOD & MORRILL	HEAT# M71949	N/A	PO# 170807	N/A	REPLACEMENT	NO
(16) NUTS	ATWOOD & MORRILL	HEAT# 90645	N/A	PO# 170807	N/A	REPLACEMENT	NO
6" PIPE	SANDVICK	HEAT# 442798	N/A	* 114-90012 PO# 176950	N/A	REPLACEMENT	NO
(2) 6" SLIP-ON FLANGE	WFI NUCLEAR	HEAT CODE 750ZNF1	N/A	* 114-07662 PO# 177222	N/A	REPLACEMENT	NO
(2) 6" SLIP-ON FLANGE	WFI NUCLEAR	HEAT CODE 173YNE1	N/A	* 114-07661 PO# 177222	N/A	REPLACEMENT	NO

\* Traceability per PECO part code number.

7. Description of Work Replaced 6" motor operated valve HV-011-133D with manual valve and upgraded adjacent piping to stainless steel.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other          Pressure 104 psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017



FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO ECR 99-01717.  
Applicable Manufacturer's Data Reports to be attached  
Valve 011-1133D manufactured in accordance with ASME III, 1971 edition, Summer 1972 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date July 10, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/10/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0774098  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_ N/A  
 Name \_\_\_\_\_ Authorization No. \_\_\_\_\_ N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_ N/A  
 Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013A
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, \_\_\_\_\_ N/A \_\_\_\_\_ Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	016	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	175	N/A	* 193-95434 PO# 164525	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

\_\_\_\_\_

\_\_\_\_\_

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Leonard Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address

2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0774087  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013B

5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	021	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	169	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.  
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached  
Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Roman Jr. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0774093  
Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013C
5. (a) Applicable Construction Code ASME III 19 68 Edition, Summer 1970 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	022	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	189	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached
- Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238
- Valve body inlet flange weld repaired per PECO work order C0192666.

**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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0774090  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013D
5. (a) Applicable Construction Code ASME III 19 68 Edition, Summer 1970 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	017	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	174	N/A	* 193-95434 PO# 164525	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/29/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bennett Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0771857  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013E
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	029	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	181	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Denavit Jr. Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0773163  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_ N/A  
 Name \_\_\_\_\_ Authorization No. \_\_\_\_\_ N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_ N/A  
 Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013F
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, \_\_\_\_\_ N/A \_\_\_\_\_ Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	027	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	150	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.  
 (12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Stewart - Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0773820  
Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013G
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	015	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	170	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 / 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0774052  
Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013H
5. (a) Applicable Construction Code ASME III '968 Edition, Summer 1970 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	018	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	148	N/A	* 193-95434 PO# 164525	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bernard J. Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address

2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0777896  
 Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address

4. Identification of System Nuclear Boiler (System C41) Line No. APE-1MS PSV-041-1F013J

5. (a) Applicable Construction Code ASME III 19 68 Edition, Summer 1970 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	026	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	145	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bennett Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0773022  
 Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A

4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013K

5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	020	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	176	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached
- Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238
- Valve body inlet flange weld repaired per PECO work order C0192891.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul [Signature] Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address
2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0772453  
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013L
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	025	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	180	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Normal Operating Pressure   
 Other Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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.

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Paul Bennett Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0772454  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_ N/A  
 Name \_\_\_\_\_ Authorization No. \_\_\_\_\_ N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_ N/A  
 Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013M
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, \_\_\_\_\_ N/A \_\_\_\_\_ Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	023	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	147	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other    Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B. I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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.

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Paul DeLuca Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0774089  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013N
5. (a) Applicable Construction Code ASME III 19 68 Edition, Summer 1970 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	024	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	190	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Normal Operating Pressure   
Other Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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.

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Paul H. Kramer, Jr. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0773017  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_ N/A  
 Name \_\_\_\_\_ Authorization No. \_\_\_\_\_ N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_ N/A  
 Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (System 041) Line No. APE-1MS PSV-041-1F013S
5. (a) Applicable Construction Code ASME III 1968 Edition, Summer 1970 Addenda, \_\_\_\_\_ N/A \_\_\_\_\_ Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSRV OPERATOR ASSEMBLY	TARGET ROCK	030	N/A	* 114-83485 PO# 164525	1999	REPLACEMENT	YES
MSRV BODY	TARGET ROCK	151	N/A	* 193-95434 PO# 170463	N/A	REPLACEMENT	YES

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced Main Steam Relief Valve with reworked main body and new 3-stage pilot.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other    Pressure 1051 psi Test Temp. 165 °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Replaced two stage pilot with three stage pilot in accordance with PECO ECR# 98-00238

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bennett Jr. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date June 19, 2000  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. C0180426  
 Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Nuclear Boiler (MSIV'S) (System 041) Line No. APE-1MS HV-041-1F022A

5. (a) Applicable Construction Code ASME III 1968 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Bc ard No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PILOT POPPET	ATWOOD & MORRILL	HEAT# H8915 TRACE# WL23 S/N 1	N/A	* 111-02082	1998	REPLACED	YES

\* Traceability per PECO part code.

7. Description of Work Replaced MSIV pilot poppet and welded to pilot nut.

8. Tests conducted: Hydrostatic  Pneumatic  Normal Operating Pressure   
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by work order package.  
Applicable Manufacturer's Data Reports to be attached

Welding completed in accordance with PECO ECR# 99-02524.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Jam. H. Kwon J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/11/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 18 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0180428  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Nuclear Boiler (MSIV'S) (System 041) Line No. APE-1MS HV-041-1F022C
5. (a) Applicable Construction Code ASME III 1988 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PILOT POPPET	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	YES

7. Description of Work Installed anti-rotation stitch welds on MSIV pilot poppet.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Welding completed in accordance with PECO ECR# 00-00621  
Applicable Manufacturer's Data Reports to be attached

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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Jam H Kra J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/11/2000 to 7/26/2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken ~~corrective~~ 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 or a loss of any kind arising from or connected with this inspection.

Paul Renduff Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
 Name  
2301 Market Street, Philadelphia PA 19101 Sheet 1 of 2  
 Address
2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0193378  
 Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address
4. Identification of System Nuclear Boiler (MSIV'S) (System 041) Line No. APE-1MS HV-041-1F028A
5. (a) Applicable Construction Code ASME III 19 68 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PILOT POPPET	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	YES

7. Description of Work Seal welded MSIV pilot poppet to pilot nut.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Welding completed in accordance with PECO ECR# 99-02524  
Applicable Manufacturer's Data Reports to be attached

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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT

have inspected the components described in this Owner's Report during the period 4/11/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Penard Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
 Name  
2301 Market Street, Philadelphia PA 19101 Sheet 1 of 2  
 Address

2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0193386  
 Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address

4. Identification of System Nuclear Boiler (MSIV'S) (System 041) Line No. APE-1MS HV-041-1F028C

5. (a) Applicable Construction Code ASME III 1968 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PILOT POPPET	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	YES

7. Description of Work Installed anti-rotation stitch welds on MSIV pilot poppet.

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Welding completed in accordance with PECO ECR# 00-00621  
Applicable Manufacturer's Data Reports to be attached

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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/11/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Penard - Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 18 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0193387  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Nuclear Boiler (MSIV'S) (System 041) Line No. APE-1MS HV-041-1F028D
5. (a) Applicable Construction Code ASME III 19 68 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PILOT POPPET	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	YES

7. Description of Work Installed anti-rotation stitch welds on MSIV pilot poppet.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other   Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Welding completed in accordance with PECO ECR# 00-00621  
Applicable Manufacturer's Data Reports to be attached

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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/11/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Newman Jr. Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0183528  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Nuclear Boiler (System 041) Line No. DBA-105 HV-041-1F016
5. (a) Applicable Construction Code ASME III 1971 Edition, Winter 1973 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE WEDGE	VELAN	HEAT# 1061 S/N 4291	N/A	* 114- 43232	1993	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 3" gate valve wedge.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1050 psi Test Temp. n/a °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/17/1998 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Newman Jr. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0191120  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Nuclear Boiler (System 041) Line No. DBA-105 HV-041-1F019
5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case.  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT PIPE PLUG	COLONIAL MACHINE	HEAT CODE 'AFV'	N/A	* 114-79168 PO# 607237	N/A	REPLACEMENT	NO

\* Traceability per PECO part code number.

7. Description of Work Replaced commercial steel packing leakoff plug with ASME material.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks None.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Leonard J. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 23, 2000  
Name \_\_\_\_\_
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_
- P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0772148  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System 041 NUCLEAR BOILER Line No. DBA-110
5. (a) Applicable Construction Code ASME III 19 92 Edition, 1994 Addenda, \_\_\_\_\_ Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(1) NUT 1-1/8 - 8		HEAT # 0-0078FK	N/A	* 114-92879	N/A	REPLACEMENT	**YES

7. Description of Work REPLACE (1) NUT AT N-7 FLANGE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure \_\_\_\_\_  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

\* DENOTES PECO STOCK CODE NUMBER

\*\* STAMPED HEAT CODE Z7G

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed L. Kim Ingham for J. DENT Date July 20 19 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bennett Jr. Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0181837  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Reactor Water Clean-up (System 044) Line No. DBB-105 044-1063
5. (a) Applicable Construction Code ASME III 19 71 Edition, Winter 1973 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE DISC	VELAN	HEAT# H5269 S/N 3568	N/A	* 114- 33943 PO# 221285	1987	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 4" check valve disc.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 3/2/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Stenning Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 29, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0184852  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Reactor Water Clean-up (System 044) Line No. DBB-105 044-1029
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE 044-1029	ANCHOR DARLING (FLOWSERVE)	S/N E-6214- 277-1	N/A	*114-04670 PO# 257805- 348312	N/A	REPLACEMENT	YES
4" DBB-105- 1-6 ELBOW	CUSTOM ALLOY	HEAT# Y49262 HEAT CODE '1281B'	N/A	* 114-91566 PO# 170157	N/A	REPLACEMENT	NO

\* Traceability per PECO part code number.

7. Description of Work Replaced 4" valve and adjacent elbow.
8. Tests conducted: Hydrostatic Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

Valve 044-1029 manufactured in accordance with ASME III, 1974 edition, summer 1975 addenda and code cases 1516-1, 1567,  
1622, 1635-1 and 1677.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/3/1999 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Penard Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 19, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. M1260430  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Reactor Water Clean-up (System 044) Line No. DBB-105 044-1064
5. (a) Applicable Construction Code ASME III 1971 Edition, Winter 1973 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE DISC	VELAN	S/N 7101	N/A	* 114- 33943 PO# 155137	1996	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 4" check valve disc.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 19, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/10/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Romanoff Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-34-27
5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6442	N/A	N/A	1974	REPLACEMENT	YES
BOLTS		HEAT CODE 93168	N/A	111-02622	N/A	REPLACEMENT	NO

7. Description of Work REPLACE ONE CONTROL ROD DRIVE AND EIGHT FLANGE BOLTS
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Blair J. Hunter for JOHN DENT. Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SERVICES

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Brennan Jr. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date April 12, 2000  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2
2. Plant Limerick Generating Station Name Unit 1  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Authorization No. N/A  
Expiration Date N/A
4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-34-03
5. (a) Applicable Construction Code ASME III 19 74 Edition, w/ 75 Addenda, 1361-2 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9678	N/A	N/A	1994	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described

in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name
- P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A
- P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-30-11
5. (a) Applicable Construction Code ASME III 19 74 Edition, w' 75 Addenda, 1361-2 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9533	N/A	N/A	1994	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed John Dent for JOHN DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described

in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Blum Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24, 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date April 12, 2000

2301 Market Street, Philadelphia PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1

P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-30-07

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	7309	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Eric Johnston for J. DENT Date July 20 19 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 11/10/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Romanoff Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name  
2301 Market Street, Philadelphia PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-47
5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6141	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed L. Eric Finkbeiner for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - MX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24/2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address

2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address  
Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-26-15

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6073	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - PEX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date April 12, 2000  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Authorization No. N/A  
Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-38-03

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6213	N/A	N/A	1974	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Kevin J. Hunter for J. DENT Date July 26, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name
- P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A
- P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-38-15
5. (a) Applicable Construction Code ASME III 19 74 Edition, w' 75 Addenda, 1361-2 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9486	N/A	N/A	1994	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed *Robbie F. Hunter for J. DENT* Date *July 20 18 2000*  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

*Paul [Signature]* Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
 Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address

2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
 Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-38-55

5. (a) Applicable Construction Code ASME III 19 68 Edition, W' 69 Addenda, 1361-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	7009	N/A	N/A	1974	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed L. Gene Johnston for J. DENT Date July 20, 19 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Blum Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
 Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address

2. Plant Limerick Generating Station Unit 1  
 Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
 Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-42-07

5. (a) Applicable Construction Code ASME III 19 68 Edition, W' 69 Addenda, 1361-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6585	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Robin Schanter for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - PK SVCS.

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 Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bernard J. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name

2301 Market Street, Philadelphia PA 19101 Sheet 1 of 2  
Address

2. Plant Limerick Generating Station Unit 1  
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-06-27

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6577	N/A	N/A	1974	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed *John J. Dent* for J. DENT Date July 20 19 2000  
Owner or Owner's Designee, Title  
MANAGER IX SVCS

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

*Paul Benavise* Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date April 12, 2000

2301 Market Street, Philadelphia PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1

P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-46-35

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Eoard No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6191	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Robin M. Hunter for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - P&C SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/15/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 27, 1998  
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address

2. Plant Limerick Generating Station Unit 1  
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-10-51

5. (a) Applicable Construction Code ASME III 19 74 Edition, w/ 75 Addenda, 1361-2 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9553	N/A	N/A	1994	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed *Kevin Hunter for J. DENT* Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

*Paul Henry* Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-18-31
5. (a) Applicable Construction Code ASME III 19 71 Edition, S' 73 Addenda, 1361-2 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Eoard No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8355	N/A	N/A	1987	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA  
Certificate of Authorization No. NA Expiration Date NA  
Signed Elvis Johnson for J. DENT Date July 20, 19 2000  
Owner or Owner's Designee, Title MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Levant Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 7/24, 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_

2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 \_\_\_\_\_  
 Address \_\_\_\_\_ Work Order No. R0765616  
 Repair Organization P.O. No., Job No. etc. \_\_\_\_\_

3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_ N/A  
 Name \_\_\_\_\_ Authorization No. \_\_\_\_\_ N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_ N/A  
 Address \_\_\_\_\_

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-22-27

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	6074	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure \_\_\_\_\_  
 Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Robin Johnston for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul R. ... Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-22-43
5. (a) Applicable Construction Code ASME III 19 71 Edition, S' 73 Addenda, 1361-2 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8364	N/A	N/A	1987	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA  
Certificate of Authorization No. NA Expiration Date NA  
Signed L. Eric Imbrianti for J. DENT Date July 20 19 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 7/24 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date April 27, 1998  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Authorization No. N/A  
Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-22-39

5. (a) Applicable Construction Code ASME III 19 68 Edition, w' 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	5422	N/A	N/A	1994	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed In Eric Roberts for J. DENT Date July 20, 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SUCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described

in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

  
Inspector's Signature

Commissions PA-2497 I,N & A

National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name \_\_\_\_\_
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_
- P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765616  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A
- P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-46-51
5. (a) Applicable Construction Code ASME III 19 71 Edition, S' 73 Addenda, 1361-2 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	A2564	N/A	N/A	1979	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure \_\_\_\_\_  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Shirley M. Roberts for J. DENT Date July 20 19 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/15/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Roman Jr. Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date April 12, 2000

2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1

P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. R0765616  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A

4. Identification of System 047 CONTROL ROD DRIVE Line No. 10-S299-22-55

5. (a) Applicable Construction Code ASME III 19 68 Edition, W 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	7318	N/A	N/A	1975	REPLACEMENT	YES

7. Description of Work REPLACE ONE CONTROL ROD DRIVE

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA REPORT ATTACHED

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] for J. DENT Date July 20 19 2000  
Owner or Owner's Designee, Title  
MANAGER - RX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 12, 2000  
Name \_\_\_\_\_

2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_

2. Plant Limerick Generating Station Unit \_\_\_\_\_  
Name \_\_\_\_\_

P.O. Box 2300, Sanatoga, PA 19464-2300 \_\_\_\_\_  
Address \_\_\_\_\_

3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_  
Name \_\_\_\_\_ Authorization No. \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_  
Address \_\_\_\_\_

4. Identification of System 047 CONTROL ROD DRIVES Line No. 20-S299-34-31

5. (a) Applicable Construction Code ASME III 19 68 Edition, w' 69 Addenda, 1361-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRIC	5162	N/A	N/A	1975	REPLACEMENT	YES
(8) BOLTS		HEAT CODE 93168	N/A	*111-02622	N/A	REPLACEMENT	NO

7. Description of Work REPLACE ONE CONTROL ROD DRIVE AND EIGHT (8) FLANGE BOLTS

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure  
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks MANUFACTURER DATA SHEET ATTACHED

\*DENOTES PECO STOCK CODE NUMBER

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Walter Ingham for J. DENT Date July 20, 19 2000  
Owner or Owner's Designee, Title  
MANAGER - PX SVCS.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 4/5/2000 to 7/26/00, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bennett Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 20, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit \_\_\_\_\_  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0765364  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_  
Name \_\_\_\_\_ Authorization No. \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_  
Address \_\_\_\_\_
4. Identification of System Stand-by Liquid Control (System 048) Line No. ECB-114 XV-048-1F004A
5. (a) Applicable Construction Code ASME III 19 68 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
INLET FITTING	CONAX BUFFALO	5567	5567	* 114-77023 PO# 167481	1998	REPLACEMENT	NO
TRIGGER BODY	CONAX BUFFALO	5570	5570	* 114-77023 PO# 167481	1998	REPLACEMENT	NO

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced explosive valve inlet fitting and trigger body.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other \_\_\_\_\_ Pressure 1215 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Inlet fitting and trigger body were constructed in accordance with ASME III, 1977 edition with Summer 1977 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 20, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 1/31/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul A. ... Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 20, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0778453  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Stand-by Liquid Control (System 048) Line No. ECB-114 XV-048-1F004B
5. (a) Applicable Construction Code ASME III 19 68 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
INLET FITTING	CONAX BUFFALO	5583	5583	* 114-77023 PO# 169934	1998	REPLACEMENT	NO
TRIGGER BODY	CONAX BUFFALO	5585	5585	* 114-77023 PO# 169934	1998	REPLACEMENT	NO

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced explosive valve inlet fitting and trigger body.
8. Tests conducted: Hydrostatic : Pneumatic : Nominal Operating Pressure   
Other  Pressure 1205 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by PECO Work Order package.  
Applicable Manufacturer's Data Reports to be attached

Inlet fitting and trigger body were constructed in accordance with ASME III, 1977 edition with Summer 1977 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 20, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described

in this Owner's Report during the period 3/21/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Stewart Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 21, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0191757  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Reactor Core Isolation cooling (System 049) Line No. DBA-107 HV-049-1F008
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE DISC	FLOWSERVE	HEAT# G3402 S/N 1	N/A	* 114- 07833 PO# 257805- 348390	2000	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 3" globe valve disc.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

Work completed in accordance with PECO ECR# 99-02468

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 21, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/14/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Stenmark Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 21, 2000  
Name \_\_\_\_\_
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit \_\_\_\_\_  
Name \_\_\_\_\_
- P.O. Box 2300, Sanatoga, PA 19464-2300 \_\_\_\_\_  
Address \_\_\_\_\_
- Work Order No. R0769229  
Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_  
Name \_\_\_\_\_ Authorization No. \_\_\_\_\_
- P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date \_\_\_\_\_  
Address \_\_\_\_\_
4. Identification of System Reactor Core Isolation cooling (System 049) Line No. HBB-102 049-1F030
5. (a) Applicable Construction Code ASME III 1971 Edition, Winter 1972 Addenda N/A Code Case \_\_\_\_\_  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE DISC	VELAN	HEAT# D0593 S/N 7015	N/A	* 114- 42159 PO# 170836	1999	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 6" check valve disc.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 23 feet water head Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 21, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 5/4/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Lerman Jr. Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date July 10, 2000  
 Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
 Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
 Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0190416  
 Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
 Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
 Address \_\_\_\_\_
4. Identification of System Reactor Core Isolation Cooling (System 049) Line No. EBB-109 HV-050-1F045
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE HV-050-1F045	FLOWSERVE	E912A-1-1	N/A	*114-97608 PO# 257805-348362	2000	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 6" turbine steam admission valve
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other   Pressure 920 psi Test Temp. n/a °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

Valve HV-050-1F045 manufactured in accordance with ASME III, 1974 edition, winter 1974 addenda and code cases 1516-2, 1567,  
1622 and 1682.

**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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date July 10, 2000  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 7/22/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Bennett Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 19 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date July 13, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0189068  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Residual Heat Removal (System 051) Line No. GBB-107 HV-051-1F024A
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 1974 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE HV-051-1F024A	FLOWSERVE	E823A-1-1	N/A	*114-05971 PO# 257805-348314	2000	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 18" globe valve and seal welded packing leakoff plug.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 225 psi Test Temp. n/a °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached
- Valve HV-051-1F024A manufactured in accordance with ASME III, 1971 edition, summer 1971 addenda..
- Work completed in accordance with PECO non-conformance report # 98-01043.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date July 13, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/23/2000 to 7/27/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Jr. Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/27 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 21, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0189218  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Core Spray (System 052) Line No. EBB-131 HV-052-1F037
5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1974 Addenda, 1516-1, 1567, 1682 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

7. Description of Work Drilled relief hole in valve wedge to prevent pressure locking.

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1051 psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO ECR# 99-02161  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 12<sup>1</sup>, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 3/2/00 to 7/24/00, 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 or a loss of any kind arising from or connected with this inspection.

Paul J. ... Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 21, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0191685  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System High Pressure Coolant Injection (System 055) Line No. DBA-106 HV 055-1F003
5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter 19734 Addenda N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE DISC	FLOWSERVE	HEAT# F5792 S/N 1	N/A	* 114- 07722 PO# 257805- 348387	2000	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 10" globe valve disc.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 1051 Psi Test Temp. 165 °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

Work completed in accordance with PECO ECR# 99-02467.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 21, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/2/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Blumenthal Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 18 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 22, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. R0774094  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System High Pressure Coolant Injection (System 055) Line No. EBB-129 055-1048
5. (a) Applicable Construction Code ASME III 19 74 Edition, Summer 1975 Addenda N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE 055-1048	EDWARD	08AKJ	N/A	N/A	N/A	REPAIRED	YES

7. Description of Work Seal welded 1-1/2" check valve bonnet to stop leakage.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 1120 Psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks None  
Applicable Manufacturer's Data Reports to be attached

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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 22, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described

in this Owner's Report during the period 4/22/2000 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 21, 2000  
Name \_\_\_\_\_
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit \_\_\_\_\_  
Name \_\_\_\_\_
- P.O. Box 2300, Sanatoga, PA 19464-2300 \_\_\_\_\_  
Address \_\_\_\_\_
- Work Order No. R0814444  
Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp \_\_\_\_\_  
Name \_\_\_\_\_ Authorization No. \_\_\_\_\_  
Address \_\_\_\_\_ Expiration Date \_\_\_\_\_
4. Identification of System High Pressure Coolant Injection (System 055) Line No. EBB-130 055-1F045
5. (a) Applicable Construction Code ASME III 19 71 Edition, Summer 1973 Addenda N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE DISC	VELAN	HEAT# D4268 S/N 7084	N/A	* 114- 42159 PO# 605846	1996	REPLACEMENT	YES

\* Traceability per PECO part code number.

7. Description of Work Replaced 4" check valve disc.
8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 1120 Psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers data reports are traceable by PECO work order package.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer (Engineer) Date June 21, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 3/31/00 to 7/24/00, 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 or a loss of any kind arising from or connected with this inspection.

Paul Stewart Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 ~~18~~ 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 21, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address

2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0190904  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System HPCI Pump & Turbine (System 056) Line No. SP-HBB-108-E7 PCV-056-1F035

5. (a) Applicable Construction Code ASME III 1974 Edition, Winter '74 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE PCV-056- 1F035	TARGET ROCK	S/N 3	N/A	* 114-07337 PO# 176398	2000	REPLACEMENT	YES
PIPE PC# 6	QUANEX	HEAT# 427512	N/A	* 114-90045 PO# 236066	N/A	REPLACEMENT	NO

\* Traceability per PECO Part Code Number

7. Description of Work Replaced 2" valve and adjacent piping

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 1300 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package  
Applicable Manufacturer's Data Reports to be attached

Valve HV-056-1F035 manufactured in accordance with ASME III, 1974 edition with Winter 1976 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 21, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/2/2000 to 7/26/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Name Date June 21, 2000  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2

2. Plant Limerick Generating Station Name Unit 1  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order No. C0191653  
Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Name Type Code Symbol Stamp N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Authorization No. N/A  
Expiration Date N/A

4. Identification of System HPCI Pump & Turbine (System 056) Line No. SP-HBB-115-E1 056-1F052

5. (a) Applicable Construction Code ASME III 19 74 Edition, Winter '74 Addenda, N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE 056-1F052	EDWARD	55AFM	N/A	* 114-81237 PO# 350394-000010	1993	REPLACEMENT	YES
PIPE PC# 5	QUANEX	HEAT# 427512	N/A	* 114-90045 PO# 236066	N/A	REPLACEMENT	NO

\* Traceability per PECO Part Code Number

7. Description of Work Replaced 2" valve and adjacent piping

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other   Pressure 1300 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable by PECO Work Order package  
Applicable Manufacturer's Data Reports to be attached

Valve 056-1F052 manufactured in accordance with ASME III, 1974 edition with Summer 1975 addenda and ASME III, 1977 edition  
with Summer 1977 addenda.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Jan H. Kramer J.H. Kramer, Engineer Date June 21, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/3/2000 to 7/26/00, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/26 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 26, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order No. C0187008  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Drywell Chilled Water (System 087) Line No. JBD-189 HV-087-120B
5. (a) Applicable Construction Code ANSI B31.1 19 73 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(12) BONNET STUDS	NOVA MACHINE	HEAT# 67741	N/A	* 114-92563 PO# 159325-348224	N/A	REPLACEMENT	NO
(24) BONNET NUTS	NOVA MACHINE	HEAT CODE 'DJQ'	N/A	* 114-92648 PO# 159325-348205	N/A	REPLACEMENT	NO

\* Traceability per PECO Part Code Number.

7. Description of Work Replaced valve body to bonnet studs and nuts

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other    Pressure 102 psi Test Temp. N/A °F.

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

FORM NIS-2 (BACK)

9. Remarks None  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J.H. Kramer J.H. Kramer, Engineer Date June 26, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 2/28/1999 to 7/24/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I,N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24 16 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 26, 2000  
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2  
Address

2. Plant Limerick Generating Station Unit 1  
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 Action Request No. A1093995  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System Snubbers (System 103) Line No. Various, See Name of Component

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
DBA-107-H013	PACIFIC SCIENTIFIC	17258	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H016	PACIFIC SCIENTIFIC	9997	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H059	PACIFIC SCIENTIFIC	17273	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-320-H002	PACIFIC SCIENTIFIC	8678	N/A	PSA-35 SNUBBER	N/A	REPLACEMENT	YES
GBB-118-H081	PACIFIC SCIENTIFIC	40336	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
HBB-119-H008	PACIFIC SCIENTIFIC	21215	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
HBB-124-H024	PACIFIC SCIENTIFIC	19976	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES

7. Description of Work Replaced mechanical shock arrester snubbers

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other Pressure N/A psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 (BACK)

9. Remarks Pacific Scientific snubbers are manufactured to ASME III, 1977 edition with winter 1977 addenda.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date June 29, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/1999 to 7/27/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Conway Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/27/2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 26, 2000  
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 3  
Address

2. Plant Limerick Generating Station Unit 1  
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 Action Request No. A1212194  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A

P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address

4. Identification of System Snubbers (System 103) Line No. Various, See Name of Component

5. (a) Applicable Construction Code ASME III 1977 Edition, WINTER 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APE-1MS-H05	PACIFIC SCIENTIFIC	7592	N/A	PSA-35 SNUBBER	N/A	REPLACEMENT	YES
DBA-107-H016	PACIFIC SCIENTIFIC	11697	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DBA-107-H017	PACIFIC SCIENTIFIC	17085	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DBA-107-H018	PACIFIC SCIENTIFIC	17156	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DBA-108-E01-H002(A)	LISEGA	99614480/77	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DBA-108-E01-H002(B)	LISEGA	99614390/107	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DBA-108-E01-H010	PACIFIC SCIENTIFIC	19934	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
DBA-108-E01-H011	PACIFIC SCIENTIFIC	11247	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
DBA-108-E01-H012(A)	PACIFIC SCIENTIFIC	13176	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES

7. Description of Work Replaced mechanical shock arrester snubbers

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure N/A psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017



FORM NIS-2 (BACK)

9. Remarks Pacific Scientific snubbers are manufactured to ASME III, 1977 edition with winter 1977 addenda.  
Applicable Manufacturer's Data Reports to be attached  
Hydraulic snubbers installed in accordance with PECO ECR# 99-01540.

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date June 26, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/1999 to 7/27/2000, 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 or a loss of any kind arising from or connected with this inspection.

Paul Pennington Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/27/2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name \_\_\_\_\_
- 2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 3  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_
- P.O. Box 2300, Sanatoga, PA 19464-2300 Action Request No. A1212205  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A
- P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Snubbers (System 103) Line No. Various, See Name of Component
5. (a) Applicable Construction Code ASME III 19 77 Edition, WINTER 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
DCA-101-H050	PACIFIC SCIENTIFIC	21081	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H051	PACIFIC SCIENTIFIC	13198	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H052	PACIFIC SCIENTIFIC	21112	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H060	PACIFIC SCIENTIFIC	3185	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H062	PACIFIC SCIENTIFIC	21098	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H063	PACIFIC SCIENTIFIC	3041	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H071	PACIFIC SCIENTIFIC	10013	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
DCA-101-H072	PACIFIC SCIENTIFIC	10003	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
DCA-113-E02-H001	PACIFIC SCIENTIFIC	19967	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
DCA-113-H004	PACIFIC SCIENTIFIC	19866	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
DCA-113-H007	PACIFIC SCIENTIFIC	11215	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES

7. Description of Work Replaced mechanical shock arrester snubbers

8. Tests conducted: Hydrostatic : Pneumatic : Nominal Operating Pressure  
Other Pressure N/A psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Sheet 2 of 3  
Address
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Action Request No. A1212205  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address
4. Identification of System Snubbers (System 103) Line No. Various, See Name of Component
5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
EBB-109-H002	PACIFIC SCIENTIFIC	19898	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
EBB-109-H036	PACIFIC SCIENTIFIC	1852	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
EBB-109-H038	PACIFIC SCIENTIFIC	2208	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
EBB-109-H039	PACIFIC SCIENTIFIC	25022	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
EBB-109-H041	PACIFIC SCIENTIFIC	26047	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES
EBB-109-H016	PACIFIC SCIENTIFIC	2311	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
EBB-129-H011(A)	PACIFIC SCIENTIFIC	11698	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
EBB-129-H011(B)	PACIFIC SCIENTIFIC	17263	N/A	PSA-3 SNUBBER	N/A	REPLACEMENT	YES
EBB-129-H018	PACIFIC SCIENTIFIC	17324	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
EBB-129-H036	PACIFIC SCIENTIFIC	17411	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
EBB-129-H049	PACIFIC SCIENTIFIC	7648	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
EBB-131-H003	PACIFIC SCIENTIFIC	17377	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
EBB-131-H004	PACIFIC SCIENTIFIC	17335	N/A	PSA-10 SNUBBER	N/A	REPLACEMENT	YES
EBB-135-H030	PACIFIC SCIENTIFIC	1885	N/A	PSA-1 SNUBBER	N/A	REPLACEMENT	YES

FORM NIS-2 (BACK)

9. Remarks Pacific Scientific snubbers are manufactured to ASME III, 1977 edition with winter 1977 addenda.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed J. H. Kramer J. H. Kramer, Engineer Date June 28, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/1999 to 7/27/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I.N & A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/27 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name  
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 3
2. Plant Limerick Generating Station Unit 1  
Name  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Action Request No. A1217743  
Repair Organization P.O. No., Job No. etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Expiration Date N/A
4. Identification of System Snubbers (System 103) Line No. Various, See Name of Component
5. (a) Applicable Construction Code ASME III 19 77 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
DBA-116-E10-H001	LISEGA	99614480/50	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DBA-116-E11-H003	LISEGA	99614750/66	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DCA-113-E01-H006	LISEGA	99614750/36	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DCA-113-E01-H007	LISEGA	99614480/44	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DCA-177-E01-H003	LISEGA	99614390/124	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DCA-185-E01-H002	LISEGA	99614480/51	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DCA-185-E01-H003	LISEGA	99614750/58	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
DCA-185-E01-H006	LISEGA	99614390/74	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
EBB-131-1F-H002	LISEGA	99614390/73	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
ECB-114-E09-H006	LISEGA	99614390/78	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO

7. Description of Work Replaced mechanical shock arrester snubbers with hydraulic snubbers.

8. Tests conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other Pressure N/A psi Test Temp. N/A °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date June 28, 2000  
Name \_\_\_\_\_  
2301 Market Street, Philadelphia, PA 19101 Sheet 2 of 3  
Address \_\_\_\_\_
2. Plant Limerick Generating Station Unit 1  
Name \_\_\_\_\_  
P.O. Box 2300, Sanatoga, PA 19464-2300 Action Request No. A1217743  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc. \_\_\_\_\_
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
P.O. Box 2300, Sanatoga, PA 19464-2300 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System Snubbers (System 103) Line No. Various, See Name of Component
5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
GBB-118-H065	LISEGA	99614390/101	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-124-H035	LISEGA	99614750/29	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-124-H036	LISEGA	99614750/76	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-124-H037	LISEGA	99614480/59	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-170-E01-H005	LISEGA	99614750/56	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-170-E12-H017	LISEGA	99614390/103	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-170-E23-H010	LISEGA	99614750/80	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HBB-170-E27-H010	LISEGA	99614480/61	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HCB-101-H018	LISEGA	99614750/33	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HCB-101-H024	LISEGA	99614750/69	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO
HCB-101-H029	LISEGA	99614390/99	N/A	HYDRAULIC SNUBBER	N/A	REPLACEMENT	NO

FORM NIS-2 (BACK)

9. Remarks Work completed in accordance with PECO ECR 99-01540.  
Applicable Manufacturer's Data Reports to be attached

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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

Type Code Symbol Stamp NA  
Certificate of Authorization No. NA Expiration Date NA  
Signed J. H. Kramer J. H. Kramer, Engineer Date June 28, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/1999 to 7/27/2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA-2497 I, N & A  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 7/27 2000

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**LIMERICK GENERATING STATION**

**UNIT 1**

**SUMMARY REPORT FOR THE**

**MAY 21, 1998 TO APRIL 28, 2000**

**PERIODIC IN-SERVICE INSPECTION**

**REPORT No. 8**

**BOOK 2 OF 2**

**LIMERICK GENERATING STATION**

**UNIT 1**

**SUMMARY REPORT FOR THE**

**MAY 21, 1998 TO APRIL 28, 2000**

**PERIODIC IN-SERVICE INSPECTION**

**REPORT No. 8**

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**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS**  
As required by the Provisions of the ASME Code Rules

1. Owner PECO Energy Company 2301 Market Street, Philadelphia, PA 19101  
(Name and Address of Owner)

2. Plant Limerick Generating Station P.O. Box 2300, Sanatoga, PA 19464-2300  
(Name and Address of Plant)

3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date February 1, 1986 6. National Board Number for Unit 3908

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Nuclear Reactor				
Vessel	Chicago Bridge & Iron Co.	T31	B116767	3908
Class 1, 2, & 3				
Piping Systems				
& Supports	*	*	*	*
Containment Concrete & Metal	*	*	*	*

\* Traceability per Form N-5 Data Report, Design Specification and Line Number.

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates May 21, 1998 to April 28, 2000 9. Inspection Interval from February 1, 1997 to February 1, 2006
10. Applicable Editions of Section XI 1989, Class 1, 2 & 3 / 1992, Containment Addenda 1992
11. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.  
SEE: Section 1, Summary of Inservice Inspection Results
12. Abstract of Conditions Noted.  
SEE: Section 2, Summary of Reportable Conditions Observed
13. Abstract of Corrective Measures Recommended and Taken.  
SEE: Section 3, Summary of ASME Section XI Repairs and Replacements

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Certification of Authorization No. (if applicable) N/A Expiration Date N/A

Date July 16, 20 00 Signed PECO Energy Company By [Signature]  
Owner

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period May 21, 1998 to April 28, 2000, 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 or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA 2497 I,N&A  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/27 192000

## INTRODUCTION

During the period from May 21, 1998 through April 28, 2000, Inservice Inspections were performed at Limerick Generating Station Unit 1. Unit 1 was shutdown for a scheduled refuel outage during the period March 29<sup>th</sup>. through April 28, 2000. The inspections performed during this period were credited towards the first period of the second ten year interval.

Examination of Class 1, 2, and 3 components completed during this period were performed by PECO Energy Company and General Electric Company in accordance with the requirements of ASME Section XI, 1989 Edition. In addition, the examination of the Containment Vessel and Internals was completed by PECO Energy Company and General Electric Company in accordance with the requirements of ASME Section XI, 1992 Edition, 1992 Addenda.

In addition to ASME Section XI, other examinations were performed to meet numerous augmented inspection requirements. The augmented inspection requirements are as follows:

Generic Letter 88-01	Intergranular Stress Corrosion Cracking
NUREG-0619	BWR Feedwater Nozzle Cracking
I.E.Bulletin 80-13	Cracking in Core Spray Spargers
NUREG/CR-3052	Closeout of IE Bulletin 80-07, BWR Jet Pump Assembly Failure
NUREG-0800	No Break Boundaries
SIL 455	ISI of Alloy 182 nozzle Weldments
FSAR Table 3.2-1	Non-Q RPV Internal Components
SIL 409	Incore dry tube cracks
USNRC GL 94-03	Intergranular Stress Corrosion Cracking of Core Shrouds in BWRs
SIL 554	Top Guide Cracks
BWRVIP-18	Core Spray Internals Inspection and Flaw Evaluation Guidelines
BWRVIP-26	Top Guide Inspection and Flaw Evaluation Guidelines
BWRVIP-38	Shroud Support Inspection and Flaw Evaluation Guidelines
BWRVIP-41	Jet Pump Assembly Inspection and Flaw Evaluation Guidelines
BWRVIP-47	Lower Plenum Inspection and Flaw Evaluation Guidelines

**SECTION 1**

**SUMMARY OF IN-SERVICE INSPECTION RESULTS**

**PRIOR TO AND DURING 8<sup>TH</sup> REFUEL OUTAGE**

**LIMERICK GENERATING STATION**

**UNIT 1**

**MAY 21, 1998 TO APRIL 28, 2000**

DATE:  
REVISION:

LIMERICK GENERATING STATION  
INSERVICE INSPECTION SUMMARY

REACTOR PRESSURE VESSEL

SUMMARY  
NUMBER

EXAMINATION AREA  
IDENTIFICATION

ASME  
SEC. XI  
CATGY  
ITEM NO

EXAM  
METHOD

PROCEDURE

S	N	R	R					
T	O	E	G	E				
A	R	C	E	P				
T	E	O	O	O	REMARKS			
	C	R	M	R	"CALIBRATION BLOCK"			

SUMMARY OF EXAMINATION LEGEND

1. Identification of system.
2. Component identification and description.
3. ASME Section XI Category and Item Number applicable to the component. If there is an augmented requirement to perform an examination, then "N/A" will appear in this location.
4. Exam method (NDE) applicable to the component.
5. NDE procedure used to perform the examination on the component.
6. Exam Status:
  - a) C = Completed
  - b) U = Unscheduled Complete
  - c) P = Preservice Complete
  - d) A = Augmented Complete
  - e) E = Expanded Scope Complete
7. Examination results broken down into 5 categories described below:
  - a) NOREC = No recordable indications detected
  - b) RECOR = Recordable indications detected
  - c) GEOM = Geometric indications detected
  - d) REPOR = Reportable indications which require corrective action to maintain structural adequacy
8. Remarks field which contains specific information concerning the component examination or evaluation of examination results.

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
 INSERVICE INSPECTION SUMMARY REPORT  
 SECOND INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)  
 CLASS 1 CAUE STATUS COMPONENTS

PAGE: 1

SUMMARY EXAMINATION AREA		ASME				N R R	
NUMBER IDENTIFICATION		SEC. XI	CATGY EXAM	ITEM NO	METHOD	PROCEDURE	REMARKS
<u>CS (REF. DWG. NO. 04-101)</u>							
100530	DLA-111-H003 MECHANICAL SNUBBER 11 ,295,400/320	F-A+		VT-3		MAG-CG-407 R6	X - - - (C0191143)
		F1.10					
<u>FW (REF. DWG. NO. 05-01)</u>							
101670	FWA 004 12" PIPE TO ELBOW 16 ,286,400/127	B-J		MT		GE-MT-100V3 -	X - - - (C0190561)
		B9.11		UT-45S		GE-UT-106V2 -	X - - -
101680	FWA 005 12" ELBOW TO PIPE 16 ,286,400/117	B-J		MT		GE-MT-100V3 -	X - - - (C0190561)
		B9.11		UT-45S		GE-UT-106V2 -	X - - -
101690	FWA 006 12" X 20" REDUCER TO 12" PIPE 16 ,286,400/97	B-J		MT		GE-MT-100V3 -	- - X - (C0190561)
		B9.11		UT-45S		GE-UT-106V2 -	X - - -
101760	FWA 012 12" PIPE TO ELBOW 12 ,286,400/90	B-J		MT		GE-MT-100V3 -	X - - - (C0190561)
		B9.11		UT-45S		GE-UT-106V2 -	X - - -
<u>FW (REF. DWG. NO. 05-103)</u>							
102270	DLA-108-H023 MECHANICAL SNUBBER 11 ,286,400/270	F-A+		VT-3		MAG-CG-407 R6	X - - - (C0190620)
		F1.10					
102310	DLA-108-H027 MECHANICAL SNUBBER 11 ,286,400/315	F-A+		VT-3		MAG-CG-407 R6	X - - - (C0190620)
		F1.10					

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LIMERICK GENERATING STATION UNIT 1  
 INSERVICE INSPECTION SUMMARY REPORT  
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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N R R			REMARKS
			O E G E	R C E P	E O O O	
			C	R	M	R
<u>HPCI (REF. DWG. NO. 02-101)</u>						
102940 DBA-106-H001 VARIABLE SUPPORT 15 ,237,400/230	F-A F1.10	VT-3 MAG-CG-407	R6	X	-	- (C0191588)
103030 DBA-106-H010 MECHANICAL SNUBBER 15 ,237,400/230	F-A+ F1.10	VT-3 MAG-CG-407	R6	X	-	- (C0191588)
<u>HPCI (REF. DWG. NO. 02-01)</u>						
103430 HV-55-1F003 10" GLOBE VALVE INTERNAL SURFACES 15 ,217,309	B-M-2 B12.50	VT-3 MAG-CG-407	R6	-	X	- REFERENCE ARL230468 FOR DISCUSSION OF RECORDABLE INDICATIONS. (C0191685)
<u>MS (REF. DWG. NO. 03-02)</u>						
103630 PSV-41-1F013A-B1 6"X10" RELIEF VALVE BOLTING 12 ,286,400/68	B-G-2 B7.70	VT-1 MAG-CG-407	R6	X	-	- (R0774098)
103640 PSV-41-1F013A-B2 FLANGE BOLTING 12 ,286,400/68	B-G-2 B7.50	VT-1 MAG-CG-407	R6	X	-	- (R0774098)
<u>MS (REF. DWG. NO. 03-04)</u>						
103860 PSV-41-1F013M-B2 FLANGE BOLTING 11 ,277,400/293	B-G-2 B7.50	VT-1 MAG-CG-407	R6	X	-	- (R0772454)
<u>MS (REF. DWG. NO. 03-01)</u>						
106170 HV-41-1F022A 26" GLOBE VALVE INTERNAL SURFACES 12 ,253,400/8	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	- (C0180426)

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
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 CLASS 1 CAUSE STATUS COMPONENTS

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N R R			REMARKS
			O E G E	R C E P	E O O O	
			C R M R			
<u>MS (REF. DWG. NO. 03-01)</u>						
106180 HV-41-1F022B 26" GLOBE VALVE INTERNAL SURFACES 12 ,253,400/23	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X - - -		(C0180427)
<u>MS (REF. DWG. NO. 03-04)</u>						
106190 HV-41-1F022C 26" GLOBE VALVE INTERNAL SURFACES 11 ,253,400/337	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X - - -		(C0180428)
<u>MS (REF. DWG. NO. 03-01)</u>						
106210 HV-41-1F028A 26" GLOBE VALVE INTERNAL SURFACES 12 ,253,407	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X - - -		(C0193378)
106220 HV-41-1F028B 26" GLOBE VALVE INTERNAL SURFACES 12 ,253,407	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X - - -		(C0193385)
<u>MS (REF. DWG. NO. 03-04)</u>						
106230 HV-41-1F028C 26" GLOBE VALVE INTERNAL SURFACES 11 ,253,407	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X - - -		(C0193386)
106240 HV-41-1F028D 26" GLOBE VALVE INTERNAL SURFACES 11 ,253,407	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X - - -		(C0193387)

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
 INSERVICE INSPECTION SUMMARY REPORT  
 SECOND INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)  
 CLASS 1 CAUE STATUS COMPONENTS

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N R R			REMARKS	
			O E G E	R C E P	E O O O		
			C	R	M	R	
<u>MS (REF. DWG. NO. 03-01)</u>							
106250 PSV-41-1F013A 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/68	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	-	(R0774098)
106260 PSV-41-1F013B 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/104	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	-	(R0774087)
<u>MS (REF. DWG. NO. 03-04)</u>							
106270 PSV-41-1F013C 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/255	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	-	(R0774093)
106280 PSV-41-1F013D 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/293	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	-	(R0774090)
<u>MS (REF. DWG. NO. 03-01)</u>							
106290 PSV-41-1F013E 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/76	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	-	(R0771857)
106300 PSV-41-1F013F 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/113	B-M-2 B12.50	VT-3 MAG-CG-407	R6	X	-	-	(R0773163)

DATE: 07/16/00  
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SUMMARY EXAMINATION AREA		ASME				N R R	
		SEC. XI				O E G E	
		CATGY	EXAM				R C E P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E O O O	
						C R M R	REMARKS
<u>MS (REF. DWG. NO. 03-04)</u>							
106310	PSV-41-1F013G 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/248	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0773820)
106320	PSV-41-1F013H 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/284	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0774052)
<u>MS (REF. DWG. NO. 03-01)</u>							
106330	PSV-41-1F013J 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,277,400/68	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0777896)
106340	PSV-41-1F013K 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,277,400/104	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0773022)
<u>MS (REF. DWG. NO. 03-04)</u>							
106350	PSV-41-1F013L 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,277,400/256	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0772453)
106360	PSV-41-1F013M 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,277,400/293	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0772454)

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
 INSERVICE INSPECTION SUMMARY REPORT  
 SECOND INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)  
 CLASS 1 CAUE STATUS COMPONENTS

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SUMMARY EXAMINATION AREA		ASME				N R R	
		SEC. XI				O E G E	
		CATGY	EXAM				R C E P
							E O O O
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C R M R		REMARKS
<u>MS (REF. DWG. NO. 03-01)</u>							
106370	PSV-41-1F013N 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,277,400/113	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0774089)
<u>MS (REF. DWG. NO. 03-04)</u>							
106380	PSV-41-1F013S 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,277,400/284	B-M-2 B12.50	VT-3	MAG-CG-407	R6	X - - -	(R0773017)
<u>RCIC (REF. DWG. NO. 06-101)</u>							
106450	DBA-107-H005 VARIABLE SUPPORT 16 ,253,400/110	F-A F1.10	VT-3	MAG-CG-407	R6	X - - -	(C0191359)
106590	DBA-107-H019 MECHANICAL SNUBBER 16 ,237,400/135	F-A+ F1.10	VT-3	MAG-CG-407	R6	X - - -	(C0191589)
106600	DBA-107-H020 RIGID RESTRAINT 16 ,237,400/140	F-A F1.10	VT-3	MAG-CG-407	R6	X - - -	(C0191359)
106630	DBA-107-H024 RIGID RESTRAINT 16 ,237,400/145	F-A F1.10	VT-3	MAG-CG-407	R6	X - - -	(C0191359)
<u>RR (REF. DWG. NO. 07-02)</u>							
110050	RRB 001 28" PIPE TO ELBOW 16 ,277,400/180	B-J+ B9.11	PT UT-45S	GE-PT-100V2 UT-LIM-102V0 R1	-	X - - - X - - -	(C0191251)

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
 INSERVICE INSPECTION SUMMARY REPORT  
 SECOND INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)  
 CLASS 1 CAUSE STATUS COMPONENTS

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SUMMARY EXAMINATION AREA		ASME			N R R	
		SEC. XI			O E G E	
		CATGY	EXAM			R C E P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O O O	
					C R M R	REMARKS
<hr/>						
<u>RR (REF. DWG. NO. 07-02)</u>						
110051	RRB 001 28" PIPE TO ELBOW 16 ,277,400/180	N/A+ N/A	UT-45S	UT-LIM-102V0 R1	X - - -	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191251)
110150	RRB 004 28"X28"X20" TEE TO 28" PIPE 16 ,253,400/180	B-J+ B9.11	PT UT-45S UT-60RL	GE-PT-100V2 - UT-LIM-102V0 R1 UT-LIM-102V0 R1	X - - - X - - - X - - -	(C0191254)
110151	RRB 004 28"X28"X20" TEE TO 28" PIPE 16 ,253,400/180	N/A+ N/A	UT-45S UT-60RL	UT-LIM-102V0 R1 UT-LIM-102V0 R1	X - - - X - - -	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191254)
110640	RRB 028 22" PIPE TO 22"X12" SWEEPOLET 12 ,253,400/30	B-J+ B9.31	PT UT-45S	GE-PT-100V2 - UT-LIM-102V0 R1	X - - - X - - -	(C0191296)
110641	RRB 028 22" PIPE TO 22"X12" SWEEPOLET 12 ,253,400/30	N/A+ N/A	UT-45S	UT-LIM-102V0 R1	X - - -	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191296)
110650	RRB 029 22"X12" SWEEPOLET TO 12" PIPE 12 ,253,400/30	B-J+ B9.11	PT UT-45S	GE-PT-100V2 - UT-LIM-102V0 R1	X - - - X - - -	(C0191296)
110651	RRB 029 22"X12" SWEEPOLET TO 12" PIPE 12 ,253,400/30	N/A+ N/A	UT-45S	UT-LIM-102V0 R1	X - - -	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191296)
110750	RRB 032 22" PIPE TO CAP 12 ,253,400/25	B-J+ B9.11	PT UT-45S	GE-PT-100V2 - UT-LIM-102V0 R1	X - - - - - X -	(C0191296)

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
 INSERVICE INSPECTION SUMMARY REPORT  
 SECOND INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)  
 CLASS 1 CAUE STATUS COMPONENTS

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N R R O E G E R C E P E O O O			REMARKS
			C R	M	R	
<u>RR (REF. DWG. NO. 07-02)</u>						
110751 RRB 032 22" PIPE TO CAP 12 ,253,400/25	N/A+ N/A	UT-45S UT-LIM-102V0 R1	-	-	X	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191296)
<u>RR (REF. DWG. NO. 07-04)</u>						
111160 RRB 049 2" ELBOW TO PIPE 16 ,237,400/146	B-J B9.21	PT GE-PT-100V2	-	X	- - -	(C0191288)
-111180 RRB 051 2" PIPE TO PIPE 16 ,237,400/130	B-J B9.21	PT GE-PT-100V2	-	X	- - -	(C0191288)
111190 RRB 052 2" PIPE TO PIPE 16 ,237,400/134	B-J B9.21	PT GE-PT-100V2	-	X	- - -	(C0191288)
<u>RR (REF. DWG. NO. XI-1P-201)</u>						
111460 VRR-1RM-H006 MECHANICAL SNUBBER - MOTOR SUPPORT 16 ,253,400/122	F-A+ F1.40	VT-3 MAG-CG-407 R6	X	-	- - -	(C0191291)
111470 VRR-1RM-H008 MECHANICAL SNUBBER - MOTOR SUPPORT 16 ,253,400/122	F-A+ F1.40	VT-3 MAG-CG-407 R6	X	-	- - -	(C0191291)
<u>RR (REF. DWG. NO. 07-102)</u>						
111550 VRR-1RS-H010 MECHANICAL SNUBBER 16 ,237,400	F-A+ F1.10	VT-3 MAG-CG-407 R6	X	-	- - -	(C0191288)

DATE: 07/16/00  
 REVISION: 1

LIMERICK GENERATING STATION UNIT 1  
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 SECOND INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)  
 CLASS 1 CAUE STATUS COMPONENTS

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N R R O E G E R C E P E O O O C R M R				REMARKS
<u>RR (REF. DWG. NO. XI-1P-201)</u>							
111600 VRR-1RS-PBRB RIGID PUMP SUPPORT 16 ,237,400	F-A F1.40	VT-3 MAG-CG-407	R6	X	- - -	(C0191497)	
<u>RWCU (REF. DWG. NO. 08-102)</u>							
112530 DCA-101-H003 VARIABLE SUPPORT 15 ,295,400	F-A F1.10	VT-3 MAG-CG-407	R6	X	- - -	(C0190612)	
112630 DCA-101-H013 MECHANICAL SNUBBER 15 ,295,400	F-A+ F1.10	VT-3 MAG-CG-407	R6	X	- - -	(C0190612)	
<u>RWCU (REF. DWG. NO. 08-103)</u>							
113020 DCA-113-H005 RIGID RESTRAINT 15 ,237,400/178, SUB-PILE RM	F-A F1.10	VT-3 MAG-CG-407	R6	X	- - -	(C0191372)	
<u>RWCU (REF. DWG. NO. 08-01)</u>							
113440 RW 022 24"X4" SWEEPolet TO 4" PIPE 12 ,286,400/40	B-J B9.11	MT UT-45S	GE-MT-100V3 GE-UT-106V2	-	X - - - - X - - -	(C0190576)	
113560 RW 045 4" PIPE TO VALVE 1017 12 ,286,400/41	B-J B9.11	MT UT-45S	GE-MT-100V3 GE-UT-106V2	-	X - - - - X - - -	(C0190576)	
113580 RW 047R 4" ELBOW TO PIPE 12 ,286,400/44	B-J B9.11	PT UT-45S	GE-PT-100V2 GE-UT-106V2	-	X - - - - X - - -	(C0190576)	

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				O E G E	R C E P	E O O O	
	ITEM NO			C	R	M	R
<u>RWCU (REF. DWG. NO. 08-03)</u>							
113950 RW 085 2 1/2" PIPE TO ELBOW 15 ,237,400/200, SUB-PILE RM	B-J B9.21	PT	GE-PT-100V2	-	X	-	- (C0191356)
113960 RW 086 2 1/2" ELBOW TO PIPE 15 ,237,400/200, SUB-PILE RM	B-J B9.21	PT	GE-PT-100V2	-	X	-	- (C0191356)
<u>RHR (REF. DWG. NO. 01-01)</u>							
114810 HV-51-1F041A-B 12" CHECK VALVE BOLTING 15 ,295,400/243	B-G-2 B7.70	VT-1	MAG-CG-407	R6	X	-	- (C0190609)
<u>RHR (REF. DWG. NO. 01-04)</u>							
114860 HV-51-1F050B-B 12" A.O. CHECK VALVE BOLTING 16 ,253,400/90	B-G-2 B7.70	VT-1	MAG-CG-407	R6	X	-	- (C0184814)
<u>RHR (REF. DWG. NO. 01-11)</u>							
114970 RH 003 20" PIPE TO 20"X6" SWEEPOLET 15 ,253,400/200	B-J+ B9.31	PT UT-45S	GE-PT-100V2 UT-LIM-102V0 R1	-	X	-	- (C0191321)
114971 RH 003 20" PIPE TO 20"X6" SWEEPOLET 15 ,253,400/200	N/A+ N/A	UT-45S	UT-LIM-102V0 R1	X	-	-	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191321)
114980 RH 004 20" PIPE TO VALVE 51-1F077 15 ,253,400/203	B-J+ B9.11	PT UT-45S UT-60RL	GE-PT-100V2 UT-LIM-102V0 R1 UT-LIM-102V0 R1	-	X	-	- (C0191321)

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NUMBER IDENTIFICATION		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
		ITEM NO	METHOD	PROCEDURE	E	O	O	O	
					C	R	M	R	REMARKS
<u>RHR (REF. DWG. NO. 01-11)</u>									
114981	RH 004 20" PIPE TO VALVE 51-1F077 15 ,253,400/203	N/A+ N/A	UT-45S UT-60RL	UT-LIM-102V0 R1 UT-LIM-102V0 R1	X	-	-	-	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191321)
<u>RHR (REF. DWG. NO. 01-101)</u>									
115550	DCA-104-H029 MECHANICAL SNUBBER 15 ,237,400/235	F-A+ F1.10	VT-3	MAG-CG-407 R6	-	X	-	-	LOOSE BOLT OBSERVED. UPON COMPLETION OF MINOR MAINTENANCE, WAS REINSPECTED SAT. (C0191306)
115640	DLA-112-H016 MECHANICAL SNUBBER 15 ,286,400/260	F-A+ F1.10	VT-3	MAG-CG-407 R6	X	-	-	-	(C0191610)
115650	DLA-112-H017 MECHANICAL SNUBBER 15 ,286,400/260	F-A+ F1.10	VT-3	MAG-CG-407 R6	X	-	-	-	(C0190610)
<u>RHR (REF. DWG. NO. 01-04)</u>									
116690	RHB 001 12" PIPE TO ELBOW 12 ,295,400/45	B-J+ B9.11	PT UT-45S	GE-PT-100V2 - UT-LIM-102V0 R1	X	-	-	-	(C0190486)
116760	RHB 002 12" ELBOW TO VALVE 51-1F065B 12 ,295,400/45	B-J+ B9.11	PT UT-45S UT-60RL	GE-PT-100V2 - UT-LIM-102V0 R1 UT-LIM-102V0 R1	X	-	-	-	(C0190486)
116790	RHB 003 12" VALVE 51-1F065B TO PIPE 12 ,295,400/45	B-J B9.11	PT UT-45S UT-60RL	GE-PT-100V2 - UT-LIM-102V0 R1 UT-LIM-102V0 R1	X	-	-	-	(C0190486)

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<u>RHR (REF. DWG. NO. 01-04)</u>								
116810 RHB 004 12" PIPE TO ELBOW 12 ,295,400/48	B-J B9.11	PT UT-45S	GE-PT-100V2 - UT-LIM-102V0 R1	X - - - X - - -			(C0190486)	
116850 RHB 005 ELBOW TO 12" PIPE 12 ,295,400/55	B-J B9.11	PT UT-45S	GE-PT-100V2 - UT-LIM-102V0 R1	X - - - X - - -			(C0190486)	
<u>RHR (REF. DWG. NO. 01-111)</u>								
118030 DCA-105-H004 VARIABLE SUPPORT 15 ,237,400/180	F-A F1.10	VT-3	MAG-CG-407 R6	X - - -			(C0191366)	
118100 DCA-105-H011 MECHANICAL SNUBBER 15 ,237,400/225	F-A+ F1.10	VT-3	MAG-CG-407 R6	X - - -			(C0190524)	
<u>RHR (REF. DWG. NO. 01-01)</u>								
118940 HV-51-1F041A 12" CHECK VALVE INTERNAL SURFACES 15 ,295,400/243	B-M-2 B12.50	VT-3	MAG-CG-407 R6	X - - -			(C0190609)	
<u>SLC (REF. DWG. NO. 11-101)</u>								
119130 DCA-102-E2-H012 RIGID RESTRAINT 15 ,253,402	F-A F1.10	VT-3	MAG-CG-407 R6	X - - -			(C0191407)	
<u>SLC (REF. DWG. NO. 11-102)</u>								
119310 DCA-112-E2-H012 RIGID RESTRAINT 15 ,277,400/195	F-A F1.10	VT-3	MAG-CG-407 R6	X - - -			(C0191255)	

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			O E G E	R C E P	E O O O	
-----						
<u>SLC (REF. DWG. NO. 11-103)</u>						
119390 DCA-112-E3-H006 VARIABLE SUPPORT 12 ,305,400/65	F-A F1.10	VT-3 MAG-CG-407	R6	X - - -	(C0191387)	
119400 DCA-112-E3-H007 RIGID RESTRAINT 12 ,295,400/75	F-A F1.10	VT-3 MAG-CG-407	R6	X - - -	(C0190546)	
119440 DCA-112-E3-H011 RIGID RESTRAINT 16 ,295,400/125	F-A F1.10	VT-3 MAG-CG-407	R6	X - - -	(C0190546)	
<u>SLC (REF. DWG. NO. 11-02)</u>						
119870 SC 031 2" PIPE TO ELBOW 15 ,286,400/127	B-J B9.40	PT GE-PT-100V2	-	X - - -	(C0190548)	
119880 SC 032 2" ELBOW TO PIPE 15 ,286,400/127	B-J B9.40	PT GE-PT-100V2	-	X - - -	(C0190548)	
<u>SLC (REF. DWG. NO. 11-03)</u>						
119950 SC 039 2" PIPE TO ELBOW 15 ,295,400/154	B-J B9.40	PT GE-PT-100V2	-	X - - -	(C0190546)	
120030 SC 045R 2" PIPE TO VALVE 1027 15 ,295,400/100	B-J B9.40	PT GE-PT-100V2	-	X - - -	(C0190546)	

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		SEC. XI			O	E	G	E
		CATGY	EXAM		R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O
					C	R	M	R
								REMARKS
<u>SLC (REF. DWG. NO. 11-03)</u>								
120040	SC 046R		PT	GE-PT-100V2	-	X	-	-
	2" VALVE 1027 TO PIPE	B-J						(C0190546)
	15 ,295,400/55	B9.40						
120060	SC 048		PT	GE-PT-100V2	-	X	-	-
	2" ELBOW TO PIPE	B-J						(C0190546)
	15 ,295,400/54	B9.40						
<u>CRD (REF. DWG. NO. 09-101)</u>								
221460	EBB-142-SH-E19 (IA)		MT	GE-MT-100V3	-	X	-	-
	PIPE SUPPORT, 4 LUGS	C-C						EXAM LIMITED TO 90.1% DUE TO HANGER
	16 ,253,402	C3.20						CLAMP INTERFERENCE. (C0191295)
227740	EBB-142-SH-E19		VT-3	MAG-CG-407	R6	X	-	-
	RIGID RESTRAINT	F-A						(C0191407)
	16 ,253,402	F1.20						
<u>CS (REF. DWG. NO. 04-105)</u>								
231880	GBB-112-H043		VT-3	MAG-CG-407	R6	X	-	-
	RIGID RESTRAINT	F-A						(C0191407)
	12 ,253,402	F1.20						
231890	GBB-112-H049		VT-3	MAG-CG-407	R6	X	-	-
	VARIABLE SUPPORT	F-A						(C0191387)
	12 ,295,523	F1.20						
<u>CS (REF. DWG. NO. 04-107)</u>								
232030	HBB-120-H011		VT-3	MAG-CG-407	R6	X	-	-
	RIGID RESTRAINT	F-A						(C0191509)
	12 ,177,117	F1.20						

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		SEC. XI				O E G E	
		CATGY	EXAM			R C E P	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E O O O	
						C R M R	REMARKS
<u>CS (REF. DWG. NO. 04-107)</u>							
232040	HBB-120-H012		VT-3	MAG-CG-407	R6	X - - -	(C0191509)
	RIGID RESTRAINT	F-A					
	12 ,177,117	F1.20					
232100	HBB-120-H023		VT-3	MAG-CG-407	R6	X - - -	(C0191509)
	MECHANICAL SNUBBER	F-A+					
	11 ,177,114	F1.20					
<u>FW (REF. DWG. NO. 05-02)</u>							
233360	FWA 036		MT	GE-MT-100V3	-	X - - -	(C0191392)
	24" PIPE TO 24"X24"X16" TEE	C-F-2+	UT-45S	GE-UT-106V2	-	X - - -	
	12 ,279,518	C5.51					
233361	FWA 036		UT-45S	GE-UT-106V2	-	X - - -	EXAMINED PER AUG-05, "USNRC MEB
	24" PIPE TO 24"X24"X16" TEE	N/A+					TECHNICAL POSITION MEB 3-1, NUREG-0800,
	12 ,279,518	N/A					NO BREAK BOUNDARIES". (C0191392)
<u>HPCI (REF. DWG. NO. 02-104)</u>							
234240	EBB-129-H027		VT-3	MAG-CG-407	R6	X - - -	(C0191367)
	RIGID RESTRAINT	F-A					
	12 ,253,406	F1.20					
234270	EBB-129-H036		VT-3	MAG-CG-407	R6	X - - -	(C0190715)
	MECHANICAL SNUBBER	F-A+					
	11 ,201,210	F1.20					
234280	EBB-129-H041		VT-3	MAG-CG-407	R6	X - - -	(C0191367)
	RIGID RESTRAINT	F-A					
	12 ,253,406	F1.20					

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SUMMARY EXAMINATION AREA		ASME			N	R	R		
		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O	
					C	R	M	R	REMARKS
<u>HPCI (REF. DWG. NO. 02-107)</u>									
234450	EBB-129-H061 RIGID RESTRAINT 12 ,279,518	F-A F1.20	VT-3	MAG-CG-407	R6	X	-	-	(C0191402)
<u>HPCI (REF. DWG. NO. 02-108)</u>									
234490	EBB-134-H004 RIGID RESTRAINT 11 ,201,200	F-A F1.20	VT-3	MAG-CG-407	R6	X	-	-	(C0191510)
<u>HPCI (REF. DWG. NO. 02-04)</u>									
235400	HP 093 12"X14" REDUCER TO 14" PIPE 12 ,283,506	C-F-2 C5.51	MT UT-45S	GE-MT-100V3 GE-UT-106V2	-	X	-	-	(C0191405)
<u>HPCI (REF. DWG. NO. 02-07)</u>									
236190	HP 162 8" ELBOW TO PIPE 12 ,279,523	C-F-2 C5.51	MT UT-45S	GE-MT-100V3 GE-UT-106V2	-	X	-	-	(C0191380)
<u>MS (REF. DWG. NO. 03-06)</u>									
237600	MS 015 14" PIPE TO ELBOW 1 ,239,332	C-F-2 C5.51	MT UT-45S	GE-MT-100V3 GE-UT-106V2	-	X	-	-	(C0191428)
<u>MS (REF. DWG. NO. 03-103)</u>									
237980	EBB-103-H021 RIGID RESTRAINT 12 ,253,407	F-A F1.20	VT-3	MAG-CG-407	R6	X	-	-	(C0191402)



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			C	R	M R	
<u>MS (REF. DWG. NO. 03-106)</u>						
240600 EBB-106-H006 MECHANICAL SNUBBERS (A & B) 1 ,239,332	F-A+ F1.20	VT-3 MAG-CG-407	R6	X	- - -	(C0191631)
240630 EBB-107-H002 RIGID RESTRAINT 1 ,239,332	F-A F1.20	VT-3 MAG-CG-407	R6	X	- - -	(C0191511)
<u>RCIC (REF. DWG. NO. 06-103)</u>						
242360 EBB-135-H023 RIGID RESTRAINT 12 ,253,407	F-A F1.20	VT-3 MAG-CG-407	R6	X	- - -	(C0191402)
242370 EBB-135-H024 RIGID RESTRAINT 12 ,279,518	F-A F1.20	VT-3 MAG-CG-407	R6	X	- - -	(C0191402)
<u>RCIC (REF. DWG. NO. 06-02)</u>						
242780 RC 029 6" PIPE TO ELBOW 15 ,217,309	C-F-2 C5.51	MT UT-0L UT-45S	GE-MT-100V3 UT-LIM-106V0 GE-UT-106V2	- - -	X - - - - - X -	(C0191435)
242830 RC 034A 6" ELBOW TO PIPE 15 ,217,309	C-F-2 C5.51	PT UT-0L UT-45S	GE-PT-100V2 UT-LIM-106V0 GE-UT-106V2	- - -	X X - - - - - X -	(C0191438)
<u>RWCU (REF. DWG. NO. 08-02)</u>						
244640 RW 020 6" VALVE HV-1F004 TO 6" PIPE 11 ,297,510	C-F-1+ C5.11	PT UT-45S UT-70S	GE-PT-100V2 UT-LIM-102V0 R1 UT-LIM-102V0 R1	- - -	X X - - - X - - -	(C0191403)

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						O E G E	R C E P	E O O O	
						C	R	M	R
<u>RWCU (REF. DWG. NO. 08-02)</u>									
244641	RW 020 6" VALVE HV-1F004 TO 6" PIPE 11 ,297,510	N/A+	N/A	UT-45S UT-70S	UT-LIM-102V0 R1 UT-LIM-102V0 R1	X	-	-	EXAMINED PER AUG-05, "NRC MEB TECHNICAL POSITION MEB 3-1, NUREG 0800, NO BREAK BOUNDARY". (C0191403)
244642	RW 020 6" VALVE HV-1F004 TO 6" PIPE 11 ,297,510	N/A+	N/A	UT-45S UT-70S	UT-LIM-102V0 R1 UT-LIM-102V0 R1	X	-	-	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". (C0191403)
244651	RW 021 6" PIPE TO VALVE HV-1F040 11 ,297,510	N/A+	N/A	UT-45S UT-70S	UT-LIM-102V0 R1 UT-LIM-102V0 R1	X	-	-	EXAMINED PER AUG-05, "NRC MEB TECHNICAL POSITION MEB 3-1, NUREG 0800, NO BREAK BOUNDARY". (C0191403)
<u>RHR (REF. DWG. NO. 01-12)</u>									
245310	RH 024 24" ELBOW TO PIPE 16 ,201,204	C-F-2	C5.51	MT UT-0L UT-45S	GE-MT-100V3 UT-LIM-106V0 GE-UT-106V2	-	X	-	(C0191399)
245840	RH 073 24"X24"X16" TEE TO 16" PIPE 16 ,217,309	C-F-2	C5.51	MT UT-0L UT-45S	GE-MT-100V3 UT-LIM-106V0 GE-UT-106V2	-	X	-	(C0191351)
245850	RH 074 16" PIPE TO ELBOW 16 ,217,309	C-F-2	C5.51	MT UT-0L UT-45S	GE-MT-100V3 UT-LIM-106V0 GE-UT-106V2	-	X	-	(C0191351)
<u>RHR (REF. DWG. NO. 01-103)</u>									
248780	GBB-117-H009 VARIABLE SUPPORT 15 ,201,203	F-A	F1.20	VT-3	MAG-CG-407 R6	X	-	-	(C0191510)

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		SEC. XI			O	E	G	E	
		CATGY	EXAM		R	C	E	P	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O	
					C	R	M	R	
								REMARKS	
<u>RHR (REF. DWG. NO. 01-03)</u>									
249900	RHA 046		MT	GE-MT-100V3	-	X	-	-	(C0191510)
	18" TEE TO PIPE	C-F-2	UT-0L	UT-LIM-106V0	-	X	-	-	
	15 ,217,309	C5.51	UT-45S	GE-UT-106V2	-	-	-	X	
<u>RHR (REF. DWG. NO. 01-05)</u>									
254730	RHB 135		MT	GE-MT-100V3	-	X	-	-	(C0191387)
	16" TEE TO FLANGE	C-F-2	UT-0L	UT-LIM-106V0	-	X	-	-	
	12 ,295,523	C5.51	UT-45S	GE-UT-106V2	-	X	-	-	
<u>RHR (REF. DWG. NO. 01-109)</u>									
256950	GBB-119-H027		VT-3	MAG-CG-407	R6	X	-	-	(C0191407)
	VARIABLE SUPPORT	F-A							
	16 ,253,402	F1.20							
<u>RHR (REF. DWG. NO. 01-110)</u>									
257260	HBB-117-H004		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)
	VARIABLE SUPPORT	F-A							
	16 ,177,103	F1.20							
<u>RHR (REF. DWG. NO. 01-113)</u>									
258770	HBB-118-H009		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)
	VARIABLE SUPPORT	F-A							
	16 ,177,103	F1.20							
258790	HBB-118-H011		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)
	VARIABLE SUPPORT	F-A							
	15 ,177,102	F1.20							
258810	HBB-118-H013		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)
	RIGID RESTRAINT	F-A							
	15 ,177,102	F1.20							

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		SEC. XI				O E G E	
		CATGY	EXAM				R C E P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E O O O	
						C R M R	REMARKS
<u>RHR (REF. DWG. NO. 01-113)</u>							
258950	HBB-118-H042 RIGID RESTRAINT 15 ,177,102	F-A F1.20	VT-3	MAG-CG-407	R6	X - - -	(C0191510)
<u>RHR (REF. DWG. NO. 01-112)</u>							
259200	HBB-119-H003 VARIABLE SUPPORT 16 ,217,309	F-A F1.20	VT-3	MAG-CG-407	R6	X - - -	(C0191510)
259210	HBB-119-H004 MECHANICAL SNUBBER 16 ,217,309	F-A+ F1.20	VT-3	MAG-CG-407	R6	X - - -	(C0191636)
259220	HBB-119-H005 VARIABLE SUPPORT 16 ,217,309	F-A F1.20	VT-3	MAG-CG-407	R6	X - - -	(C0191510)
259270	HBB-119-H010 RIGID RESTRAINT 16 ,253,402	F-A F1.20	VT-3	MAG-CG-407	R6	X - - -	(C0191407)
259310	HBB-119-H014 RIGID RESTRAINT 16 ,253,402	F-A F1.20	VT-3	MAG-CG-407	R6	X - - -	(C0191407)
<u>ESW (REF. DWG. NO. HBC-083-1)</u>							
365050	HBC-083-H009 RIGID RESTRAINT 15 ,198,202	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191510)

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		SEC. XI				O	E	G	E	
		CATGY	EXAM				R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E	O	O	O	
						C	R	M	R	
									REMARKS	
<u>ESW (REF. DWG. NO. HBC-083-2)</u>										
365160	HBC-083-H021		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)	
	RIGID RESTRAINT	F-A								
	17 ,198,202	F1.30								
<u>ESW (REF. DWG. NO. HBC-083-1)</u>										
365220	HBC-083-H901		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)	
	ANCHOR	F-A								
	16 ,198,202	F1.30								
<u>ESW (REF. DWG. NO. HBC-147-1)</u>										
365830	HBC-147-H033		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)	
	RIGID RESTRAINT	F-A								
	15 ,201, 203	F1.30								
365850	HBC-147-H901		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)	
	ANCHOR	F-A								
	15 ,201,203	F1.30								
<u>ESW (REF. DWG. NO. HBC-158-1)</u>										
365880	HBC-158-H001		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)	
	RIGID RESTRAINT	F-A								
	15 ,201,203	F1.30								
<u>ESW (REF. DWG. NO. HBC-192-1)</u>										
365890	HBC-192-H005		VT-3	MAG-CG-407	R6	X	-	-	(C0191510)	
	RIGID RESTRAINT	F-A								
	1DG,217,311	F1.30								
365900	HBC-192-H006		VT-3	MAG-CG-407	R6	X	-	-	(C0191669)	
	RIGID RESTRAINT	F-A								
	1DG,217,311A	F1.30								

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 O E G E  
 R C E P  
 E O O O  
 C R M R

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ESW (REF. DWG. NO. HBC-192-2)

365940 HBC-192-H010 VT-3 MAG-CG-407 R6 X - - - (C0191842)  
 RIGID RESTRAINT F-A  
 1DG,217,311C F1.30

365950 HBC-192-H011 VT-3 MAG-CG-407 R6 X - - - (C0191510)  
 RIGID RESTRAINT F-A  
 1DG,217,311 F1.30

ESW (REF. DWG. NO. HBC-192-4)

366080 HBC-192-H904 VT-3 MAG-CG-407 R6 X - - - (C0191510)  
 ANCHOR F-A  
 1DG,217,311 F1.30

ESW (REF. DWG. NO. HBC-238-1)

366350 HBC-238-H901 VT-3 MAG-CG-407 R6 X - - - (C0191510)  
 ANCHOR F-A  
 17 ,201,284 F1.30

ESW (REF. DWG. NO. HBC-247-2)

366400 HBC-247-H901 VT-3 MAG-CG-407 R6 X - - - (C0191510)  
 ANCHOR F-A  
 17 ,201,284 F1.30

MS (REF. DWG. NO. GBC-101-13)

373600 GBC-101-H138 VT-3 MAG-CG-407 R6 X - - - (C0191281)  
 MECHANICAL SNUBBER F-A+  
 11 ,253,400 F1.30

MS (REF. DWG. NO. GBC-101-1)

373790 GBC-101-H196 VT-3 MAG-CG-407 R6 X - - - (C0191366)  
 VARIABLE SUPPORT F-A  
 11 ,237,400/320 F1.30

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<u>MS (REF. DWG. NO. GBC-101-2)</u>				
373800 GBC-101-H199 VARIABLE SUPPORT 11 ,277,400	F-A F1.30	VT-3 MAG-CG-407	R6	X - - - (C0191155)
<u>MS (REF. DWG. NO. GBC-116-12)</u>				
373880 GBC-116-H020 RIGID RESTRAINT 11 ,177,101	F-A F1.30	VT-3 MAG-CG-407	R6	X - - - (C0191510)
<u>MS (REF. DWG. NO. GBC-116-14)</u>				
373890 GBC-116-H022 RIGID RESTRAINT 15 ,177,101	F-A F1.30	VT-3 MAG-CG-407	R6	X - - - (C0191510)
<u>MS (REF. DWG. NO. GBC-116-4)</u>				
373910 GBC-116-H027 RIGID RESTRAINT 11 ,177,101	F-A F1.30	VT-3 MAG-CG-407	R6	X - - - (C0191510)
<u>MS (REF. DWG. NO. GBC-116-8)</u>				
373950 GBC-116-H905 ANCHOR 11 ,177,101	F-A F1.30	VT-3 MAG-CG-407	R5	X - - - (C0191510)
<u>MS (REF. DWG. NO. GBC-101-2)</u>				
374320 GBC-101-H199 (IA) PIPE SUPPORT, SLEEVE 11 ,277,400/278	D-A,B D1,2.40	VT-3 MAG-CG-407	R6	X - - - (C0191155)

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		SEC. XI				O E G E	
		CATGY	EXAM			R C E P	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E O O O	
						C R M R	REMARKS
<hr/>							
<u>RHR SW (REF. DWG. NO. HBC-091-13)</u>							
375540	HBC-091-H079 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375550	HBC-091-H080 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375560	HBC-091-H081 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375570	HBC-091-H082 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375580	HBC-091-H083 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375590	HBC-091-H084 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375600	HBC-091-H085 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)
375610	HBC-091-H086 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	MAG-CG-407	R6	X - - -	(C0191365)

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					O	E	E		
					R	C	E	P	
					E	O	O	O	
					C	R	M	R	
<u>RHR SW (REF. DWG. NO. HBC-091-13)</u>									
375620	HBC-091-H087		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
<u>RHR SW (REF. DWG. NO. HBC-091-16)</u>									
375810	HBC-091-H106		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
375820	HBC-091-H107		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
375830	HBC-091-H108		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
375840	HBC-091-H109		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
375850	HBC-091-H110		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
375860	HBC-091-H111		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							
375870	HBC-091-H112		VT-3	MAG-CG-407	R6	X	-	-	(C0191365)
	RIGID RESTRAINT	F-A							
	SP ,NA ,NA	F1.30							

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					O E G E	R C E P	E O O O	
					C R M R			
<u>RHR SW (REF. DWG. NO. HBC-091-16)</u>								
375880 HBC-091-H113 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30		VT-3	MAG-CG-407	R6	X - - -		(C0191365)
375890 HBC-091-H114 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30		VT-3	MAG-CG-407	R6	X - - -		(C0191365)
<u>RHR SW (REF. DWG. NO. HBC-091-19)</u>								
376090 HBC-091-H148 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30		VT-3	MAG-CG-407	R6	X - - -		(C0191365)
376100 HBC-091-H149 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30		VT-3	MAG-CG-407	R6	X - - -		(C0191365)
376200 HBC-091-H159 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30		VT-3	MAG-CG-407	R6	X - - -		(C0191365)
376210 HBC-091-H160 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30		VT-3	MAG-CG-407	R6	X - - -		(C0191365)
<u>CONTAINMENT (REF. DWG. NO. MISC)</u>								
500000 Drywell Interior Surfaces CONTAINMENT VESSEL & INTERNALS IWE/IWL RXI, 253'			VT-3 VT-3C	MAG-CG-425 MAG-CG-425	R1 R1	X - - - X - - -		

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>CONTAINMENT (REF. DWG. NO. MISC)</u>									
500010 Drywell Closure Head CONTAINMENT VESSEL & INTERNALS IWE/IWL RXI, 297'			VT-3	MAG-CG-425	R1	X	-	-	
		NA							
500020 Suppression Pool dry interior surfaces CONTAINMENT VESSEL & INTERNALS IWE/IWL RXI, 217'			VT-3	MAG-CG-425	R1	X	-	-	
		NA	VT-3C	MAD-CG-425	R1	X	-	-	
500040 Suppression Pool & Drywell exterior surf CONTAINMENT VESSEL & INTERNALS IWE/IWL RXI, 177'+			VT-3	MAG-CG-425	R1	X	-	-	FOR DETAILS OF RECORDABLE CONDITIONS, SEE AR# A1258381.
		NA	VT-3C	MAG-CG-425	R1	-	X	-	
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 1,2)</u>									
600310 BG LEFT SIDE SHELL 3 VERTICAL SEAM WELD 12C, VW, 400/0 12C, VW, 400/0	B-A		UT-0L UT-45S UT-60S UT-70RL	GE-UT-702V2 GE-UT-702V2 GE-UT-702V2 GE-UT-702V2	-	X	-	-	(C0190479)
600320 BG RIGHT SIDE SHELL 3 VERTICAL SEAM WELD 12C, VW, 400/0 12C, VW, 400/0	B-A		UT-0L UT-45S UT-60S UT-70RL	GE-UT-702V2 GE-UT-702V2 GE-UT-702V2 GE-UT-702V2	-	X	-	-	(C0190479)
600330 BH LEFT SIDE SHELL 3 VERTICAL SEAM WELD 16C, VW, 400/120 16C, VW, 400/120	B-A		UT-0L UT-45S UT-60S UT-70RL	GE-UT-702V2 GE-UT-702V2 GE-UT-702V2 GE-UT-702V2	-	X	-	-	(C0190479)
600340 BH RIGHT SIDE SHELL 3 VERTICAL SEAM WELD 16C, VW, 400/120 16C, VW, 400/120	B-A		UT-0L UT-45S UT-60S UT-70RL	GE-UT-702V2 GE-UT-702V2 GE-UT-702V2 GE-UT-702V2	-	X	-	-	(C0190479)

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					O	E	E		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 1,2)</u>									
600350	BJ LEFT SIDE		UT-0L	GE-UT-702V2	-	X	-	-	(C0190479)
	SHELL 3 VERTICAL SEAM WELD	B-A	UT-45S	GE-UT-702V2	-	-	-	X	
	15C, VW, 400/240	B1.12	UT-60S	GE-UT-702V2	-	-	-	X	
	15C, VW, 400/240		UT-70RL	GE-UT-702V2	-	X	-	-	
600360	BJ RIGHT SIDE		UT-0L	GE-UT-702V2	-	X	-	-	(C0190479)
	SHELL 3 VERTICAL SEAM WELD	B-A	UT-45S	GE-UT-702V2	-	-	-	X	
	15C, VW, 400/240	B1.12	UT-60S	GE-UT-702V2	-	-	-	X	
	15C, VW, 400/240		UT-70RL	GE-UT-702V2	-	X	-	-	
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 3,4)</u>									
600450	AJ BOTTOM SIDE		UT-0L	GE-UT-300V3	-	X	-	-	EXAMINATION PERFORMED FROM 0 TO 180
	BOTTOM HEAD DOLLAR PLATE WELD	B-A	UT-45S	GE-UT-300V3	-	X	-	-	DEGREES. (C0190334)
	RPV, 270', 400	B1.21	UT-60S	GE-UT-300V3	-	X	-	-	
	RPV, 270', 400		UT-70RL	GE-UT-300V3	-	X	-	-	
600460	AJ TOP SIDE		UT-0L	GE-UT-300V3	-	X	-	-	EXAMINATION PERFORMED FROM 0 TO 180
	BOTTOM HEAD DOLLAR PLATE WELD	B-A	UT-45S	GE-UT-300V3	-	X	-	-	DEGREES. (C0190334)
	RPV, 270', 400	B1.21	UT-60S	GE-UT-300V3	-	X	-	-	
	RPV, 270', 400		UT-70RL	GE-UT-300V3	-	X	-	-	
600500	DD		UT-0L	GE-UT-300V3	-	X	-	-	(C0190334)
	BOTTOM HEAD WELD	B-A	UT-45S	GE-UT-300V3	-	X	-	-	
	12C, VW, 400/48	B1.22	UT-60S	GE-UT-300V3	-	X	-	-	
	12C, VW, 400/48		UT-70RL	GE-UT-300V3	-	X	-	-	
600510	DE		UT-0L	GE-UT-300V3	-	X	-	-	(C0190334)
	BOTTOM HEAD WELD	B-A	UT-45S	GE-UT-300V3	-	X	-	-	
	16C, VW, 400/108	B1.22	UT-60S	GE-UT-300V3	-	X	-	-	
	16C, VW, 400/108		UT-70RL	GE-UT-300V3	-	X	-	-	
600520	DF		UT-0L	GE-UT-300V3	-	X	-	-	(C0190334)
	BOTTOM HEAD WELD	B-A	UT-45S	GE-UT-300V3	-	X	-	-	
	16C, VW, 400/168	B1.22	UT-60S	GE-UT-300V3	-	X	-	-	
	16C, VW, 400/168		UT-70RL	GE-UT-300V3	-	X	-	-	

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					O	E	G E	
					E	O	O	
					C	R	M R	
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 3,4)</u>								
600550 AH BOTTOM SIDE			UT-0L	GE-UT-300V3	-	X	- - -	EXAMINATION PERFORMED FROM 0 TO 180 DEGREES. (C0191175)
CLOSURE HEAD DOLLAR PLATE WELD B-A			UT-45S	GE-UT-300V3	-	X	- - -	
FF, 352', 700	B1.21		UT-60S	GE-UT-300V3	-	X	- - -	
FF, 352', 700			UT-70RL	GE-UT-300V3	-	X	- - -	
600560 AH TOP SIDE			UT-0L	GE-UT-300V3	-	X	- - -	EXAMINATION PERFORMED FROM 0 TO 180 DEGREES. (C0191175)
CLOSURE HEAD DOLLAR PLATE WELD B-A			UT-45S	GE-UT-300V3	-	X	- - -	
FF, 352', 700	B1.21		UT-60S	GE-UT-300V3	-	X	- - -	
FF, 352', 700			UT-70RL	GE-UT-300V3	-	X	- - -	
600570 AG			MT	GE-MT-100V3	-	X	- - -	EXAMINATION PERFORMED FROM 0 TO 180 DEGREES. (C0191175)
CLOSURE HEAD FLANGE	B-A		UT-0L	GE-UT-300V3	-	X	- - -	
FF, 352', 700	B1.40		UT-45S	GE-UT-300V3	-	X	- - -	
FF, 352', 700			UT-60S	GE-UT-300V3	-	X	- - -	
			UT-70RL	GE-UT-300V3	-	X	- - -	
600580 DH			UT-0L	GE-UT-300V3	-	X	- - -	(C0191175)
CLOSURE HEAD WELD	B-A		UT-45S	GE-UT-300V3	-	X	- - -	
FF, 352', 700	B1.22		UT-60S	GE-UT-300V3	-	X	- - -	
FF, 352', 700			UT-70RL	GE-UT-300V3	-	X	- - -	
600590 DJ			UT-0L	GE-UT-300V3	-	X	- - -	(C0191175)
CLOSURE HEAD WELD	B-A		UT-45S	GE-UT-300V3	-	X	- - -	
FF, 352', 700	B1.22		UT-60S	GE-UT-300V3	-	X	- - -	
FF, 352', 700			UT-70RL	GE-UT-300V3	-	X	- - -	
600600 DK			UT-0L	GE-UT-300V3	-	X	- - -	(C0191175)
CLOSURE HEAD WELD	B-A		UT-45S	GE-UT-300V3	-	X	- - -	
FF, 352', 700	B1.22		UT-60S	GE-UT-300V3	-	X	- - -	
FF, 352', 700			UT-70RL	GE-UT-300V3	-	X	- - -	
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 1,2)</u>								
601150 N4B			UT-0L	GE-UT-702V2	-	X	- - -	(C0190396)
FEEDWATER LOOP B	B-D		UT-45S	GE-UT-702V2	-	-	- X -	
12C, 307'9", 400/90	B3.90		UT-60S	GE-UT-702V2	-	-	- X -	
12C, 307'9", 400/90			UT-70RL	GE-UT-702V2	-	X	- - -	

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		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O	
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<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 1,2)</u>									
601160	N4B-IR FEEDWATER LOOP B 12C, 307'9", 400/90	B-D B3.100	ZONE 1 ZONE 2A	GE-UT-703V4 GE-UT-703V4	-	-	-	X	(C0190396) -
601170	N4B-IR FEEDWATER LOOP B 12C, 307'9", 400/90	N/A+ N/A	ZONE 1 ZONE 2A	GE-UT-703V4 GE-UT-703V4	-	-	-	X	EXAMINED PER AUG-02, "NUREG-0619, BWR FEEDWATER NOZZLE CRACKING". (C0190396)
601171	N4B-BORE FEEDWATER LOOP B	N/A+ N/A	ZONE 2B ZONE 3	GE-UT-703V4 GE-UT-703V4	-	-	-	X	EXAMINED PER AUG-02, "NUREG-0619, BWR FEEDWATER NOZZLE CRACKING". (C0190396)
601180	N4C FEEDWATER LOOP C 16C, 307'9", 400/150 16C, 307'9", 400/150	B-D B3.90	UT-0L UT-45S UT-60S UT-70RL	GE-UT-702V2 GE-UT-702V2 GE-UT-702V2 GE-UT-702V2	-	X	-	-	(C0190425) - - - -
601190	N4C-IR FEEDWATER LOOP C 16C, 307'9", 400/150	B-D+ B3.100	ZONE 1 ZONE 2A	GE-UT-703V4 GE-UT-703V4	-	X	-	-	(C0190425) -
601200	N4C-IR FEEDWATER LOOP C 16C, 307'9", 400/150	N/A+ N/A	ZONE 1 ZONE 2A	GE-UT-703V4 GE-UT-703V4	-	X	-	-	EXAMINED PER AUG-02, NUREG-0619, BWR FEEDWATER NOZZLE CRACKING. (C0190425)
601201	N4C-BORE FEEDWATER LOOP C	N/A+ N/A	ZONE 2B ZONE 3	GE-UT-703V4 GE-UT-703V4	-	-	-	X	EXAMINED PER AUG-02, NUREG-0619, BWR FEEDWATER NOZZLE CRACKING. (C0190425)
601210	N4D FEEDWATER LOOP D 15C, 307'9", 400/210 15C, 307'9", 400/210	B-D B3.90	UT-0L UT-45S UT-60S UT-70RL	GE-UT-702V2 GE-UT-702V2 GE-UT-702V2 GE-UT-702V2	-	X	-	-	(C0190417) - - - -

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					ASME	O E G E	R C E P	
NUMBER		CATGY	EXAM		E O O O			
					C R M R			

RPV (REF. DWG. NO. XI-RPV-1 PG. 1,2)

601220	N4D-IR FEEDWATER LOOP D 15C, 307'9", 400/210	B-D B3.100	ZONE 1 ZONE 2A	GE-UT-703V4 GE-UT-703V4	- X - - - - - - X -	(C0190417)
601230	N4D-IR FEEDWATER LOOP D 15C, 307'9", 400/210	N/A+ N/A	ZONE 1 ZONE 2A	GE-UT-703V4 GE-UT-703V4	- - - X - - - - X -	EXAMINED PER AUG-05, "NUREG-0619, BWR FEEDWATER NOZZLE CRACKING". (C0190417)
601231	N4D-BORE FEEDWATER LOOP D	N/A+ N/A	ZONE 2B ZONE 3	GE-UT-703V4 GE-UT-703V4	- - - X - - - - X -	EXAMINED PER AUG-05, "NUREG-0619, BWR FEEDWATER NOZZLE CRACKING". (C0190417)

RR (REF. DWG. NO. 07-01)

601940	VRR-1RD-1A N2H SAFE END TO NOZZLE (AZ. 270 DEG) 15C, 281'4", 400/270	N/A+ N/A	UT-45S UT-45RL UT-60RL UT-60RL	GE-UT-209V8 GE-UT-209V8 GE-UT-209V8 GE-UT-231V2	- - X - - - - X X - - - X X - - - X X -	EXAMINED PER AUG-01, "NRC GL 88-01, INTERGRANULAR STRESS CORROSION CRACKING". REVIEW OF CURRENT & PREVIOUS ELECTRONIC INSPECTION DATA REVEALED THE RECORDABLE INDICATIONS SHOW NO APPARENT CHANGE IN SIZE AND LOCATION. (C0191240)
601941	VRR-1RD-1A N2H SAFE END TO NOZZLE (AZ. 270 DEG) 15C, 281'4", 400/270	N/A+ N/A	UT-45S UT-45RL UT-60RL UT-60RL	GE-UT-209V8 GE-UT-209V8 GE-UT-209V8 GE-UT-231V2	- - X - - - - X X - - - X X - - - X X -	EXAMINED PER AUG-07, "SIL 455, RECOMMENDATION FOR ADDITIONAL ISI OF ALLOY 182 NOZZLE WELDMENTS". REVIEW OF CURRENT & PREVIOUS ELECTRONIC INSPECTION DATA REVEALED THE RECORDABLE INDICATIONS SHOW NO APPARENT CHANGE IN SIZE OR LOCATION. (C0191240)

RPV (REF. DWG. NO. XI-BF-6)

602390	N6A HEAD SPRAY FLANGE BOLTING 12 STDS 24 NUTS FF, 352', 700	B-G-2 B7.10	VT-3	MAG-CG-407	R6 X - - -	(R0769293)
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						O E G E	R C E P	E O O O	
						C R M R			
<u>RPV (REF. DWG. NO. XI-BF-6)</u>									
602400	N6B HEAD SPRAY FLANGE BOLTING 12 STDS 24 NUTS FF, 352', 700			VT-3 B-G-2 B7.10	MAG-CG-407	R6	X - - -		(R0769293)
<u>RPV (REF. DWG. NO. XI-BH-1)</u>									
602520	FR RPV WELD BUILD-UP RPV, 272'3", 400			VT-1 B-H B8.10	MAG-CG-407 GE-MT-100V3	R6	X - - - - X - - -		DURING 1RO8, EXAMINED FROM 0 TO 180 DEGREES. MT EXAM LIMITED AND SUPPLEMENTED WITH VT-1 EXAM. (C0190334)
602530	CG SKIRT KNUCKLE TO RPV WELD RPV, 272'3", 400			VT-1 B-H B8.10	MAG-CG-407 GE-MT-100V3	R6	X - - - - X - - -		DURING 1RO8, EXAMINED FROM 0 TO 180 DEGREES. MT EXAM LIMITED AND SUPPLEMENTED WITH VT-1 EXAM. (C0190334)
<u>FW (REF. DWG. NO. 05-01)</u>									
602800	DLA-107-1 N4B1 SAFE END TO SAFE END (AZ. 90 DEG) 12C, 307'9", 400/90			MT B-J+ B9.11	GE-MT-100V3 UT-45S UT-60S UT-70S UT45,60,70		- X - - - - X - - - - X - - - - X - - - - X - - -		(C0190396)
602801	DLA-107-1 N4B1 SAFE END TO SAFE END (AZ. 90 DEG) 12C, 308', 400/90			UT-45S N/A+ N/A	GE-UT-233V3 UT-60S UT-70S UT45,60,70		- X - - - - X - - - - X - - - - X - - -		EXAMINED PER AUG-02, "NUREG-0619, BWR FEEDWATER NOZZLE CRACKING". (C0190396)
602805	DLA-107-1 N4B2 SAFE END TO NOZZLE (AZ. 90 DEG) 12C, 307'9", 400/90			MT B-J+ B9.11	GE-MT-100V3 UT-45S UT-60S UT-70S UT45,60,70		- X - - - - X - - - - X - - - - X - - - - X - - -		(C0190396)

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		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	R	M	R	REMARKS
<hr/>									
<u>FW (REF. DWG. NO. 05-01)</u>									
602806	DLA-107-1 N4B2		UT-45S	GE-UT-233V2	-	X	-	-	EXAMINED PER AUG-02, "NUREG-0619, BWR
	SAFE END TO NOZZLE (AZ. 90	N/A+	UT-60S	GE-UT-233V2	-	X	-	-	FEEDWATER NOZZLE CRACKING". (C0190396)
	DEG)	N/A	UT-70S	GE-UT-233V2	-	X	-	-	
	12C, 308', 400/90		UT45,60,70	GE-UT-230V3	-	X	-	-	
602810	DLA-107-1 S4B		MT	GE-MT-100V3	-	X	-	-	(C0190396)
	12" PIPE TO SAFE END (AZ. 90	B-J	UT-45S	GE-UT-233V2	-	X	-	-	
	DEG)	B9.11	UT-60S	GE-UT-233V2	-	X	-	-	
	12C, 307'9", 400/90		UT-70S	GE-UT-233V2	-	X	-	-	
			UT45,60,70	GE-UT-230V3	-	X	-	-	
602820	DLA-107-1 N4C1		MT	GE-MT-100V3	-	X	-	-	(C0190425)
	SAFE END TO SAFE END (AZ. 150	B-J+	UT-45S	GE-UT-233V2	-	X	-	-	
	DEG)	B9.11	UT-60S	GE-UT-233V2	-	X	-	-	
	16C, 307'9", 400/150		UT-70S	GE-UT-233V2	-	X	-	-	
			UT45,60,70	GE-UT-230V3	-	X	-	-	
602821	DLA-107-1 N4C1								(C0190425)
	SAFE END TO SAFE END (AZ. 150	N/A+							
	DEG)	N/A							
	16C, 308,400/150								
602825	DLA-107-1 N4C2		MT	GE-MT-100V3	-	X	-	-	(C0190425)
	SAFE END TO NOZZLE (AZ. 150	B-J+	UT-45S	GE-UT-233V2	-	X	-	-	
	DEG)	B9.11	UT-60S	GE-UT-233V2	-	X	-	-	
	16C, 307'9", 400/150		UT-70S	GE-UT-233V2	-	X	-	-	
			UT45,60,70	GE-UT-230V3	-	X	-	-	
602826	DLA-107-1 N4C2		UT-45S	GE-UT-233V2	-	X	-	-	EXAMINED PER AUG-02, "NUREG-0629, BWR
	SAFE END TO NOZZLE (AZ. 150	N/A+	UT-60S	GE-UT-233V2	-	X	-	-	FEEDWATER NOZZLE CRACKING". (C0190425)
	DEG)	N/A	UT-70S	GE-UT-233V2	-	X	-	-	
	16C, 308,400/150		UT45,60,70	GE-UT-230V3	-	X	-	-	

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		SEC. XI	O E G E			
		CATGY EXAM	R C E P			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O O O	
					C R M R	REMARKS
<u>FW (REF. DWG. NO. 05-01)</u>						
602830	DLA-107-1 S4C		MT	GE-MT-100V3	- X - - -	(C0190425)
	12" PIPE TO SAFE END (AZ. 150	B-J	UT-45S	GE-UT-233V2	- X - - -	
	DEG)	B9.11	UT-60S	GE-UT-233V2	- - - X -	
	16C, 307'9", 400/150		UT-70S	GE-UT-233V2	- X - - -	
			UT45,60,70	GE-UT-230V3	- X - - -	
<u>FW (REF. DWG. NO. 05-03)</u>						
602840	DLA-108-1 N4D1		MT	GE-MT-100V3	- X - - -	(C0190417)
	SAFE END TO SAFE END (AZ. 210	B-J+	UT-45S	GE-UT-233V2	- X - - -	
	DEG)	B9.11	UT-60S	GE-UT-233V2	- X - - -	
	15C, 307'9", 400/210		UT-70S	GE-UT-233V2	- X - - -	
			UT45,60,70	GE-UT-230V3	- X - - -	
602841	DLA-108-1 N4D1		UT-45S	GE-UT-233V2	- X - - -	EXAMINED PER AUG-02, "NUREG-0619, BWR
	SAFE END TO SAFE END (AZ. 210	N/A+	UT-60S	GE-UT-233V2	- X - - -	FEEDWATER NOZZLE CRACKING". (C0190417)
	DEG)	N/A	UT-70S	GE-UT-233V2	- X - - -	
	15C, 308', 400/210		UT45,60,70	GE-UT-230V3	- X - - -	
602845	DLA-108-1 N4D2		MT	GE-MT-100V3	- X - - -	(C0190417)
	SAFE END TO NOZZLE (AZ. 210	B-J+	UT-45S	GE-UT-233V2	- X - - -	
	DEG)	B9.11	UT-60S	GE-UT-233V2	- X - - -	
	15C, 307'9", 400/210		UT-70S	GE-UT-233V2	- X - - -	
			UT45,60,70	GE-UT-230V3	- X - - -	
602846	DLA-108-1 N4D2		UT-45S	GE-UT-233V2	- X - - -	EXAMINED PER AUG-02, "NUREG-0619, BWR
	SAFE END TO NOZZLE (AZ. 210	N/A+	UT-60S	GE-UT-233V2	- X - - -	FEEDWATER NOZZLE CRACKING". (C0190417)
	DEG)	N/A	UT-70S	GE-UT-233V2	- X - - -	
	15C, 308', 400/210		UT45,60,70	GE-UT-230V3	- X - - -	
602850	DLA-108-1 S4D		MT	GE-MT-100V3	- X - - -	(C0190417)
	12" PIPE TO SAFE END (AZ. 210	B-J	UT-45S	GE-UT-233V2	- X - - -	
	DEG)	B9.11	UT-60S	GE-UT-233V2	- - - X -	
	15C, 307'9", 400/210		UT-70S	GE-UT-233V2	- X - - -	
			UT45,60,70	GE-UT-230V3	- X - - -	

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			O E G E	R C E P	E O O O	
			C	R	M	R
<u>RPV (REF. DWG. NO. XI-BN-10)</u>						
603141 SHROUD WELD H8 SHROUD SUPPORT PLATE TO SUPPORT CYLINDER WELD RXI, 276'4"	N/A N/A	EVT-1 VT-LIM-204V1	X	-	-	EXAMINED PER AUG-20, "USNRC GL 94-03, IGSCC OF CORE SHROUDS IN BWRs" AND BWRVIP-38, "BWR SHROUD SUPPORT INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
603151 SHROUD WELD H9 SHROUD SUPPORT PLATE TO RPV WELD RXI, 276'4"	N/A N/A	EVT-1 VT-LIM-204V1	X	-	-	EXAMINED PER AUG-20, "USNRC GL 94-03, IGSCC OF CORE SHROUDS IN BWRs" AND BWRVIP-38, "BWR SHROUD SUPPORT INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
<u>RPV (REF. DWG. NO. XI-BN-14)</u>						
604110 LPCI COUPLING (N17C) LPCI LOOP A RXI, 298', 225 AZ	B-N-1 B13.10	EVT-1 VT-3 VT-LIM-204V1 VT-LIM-204V1	X	-	-	EXAMINED PER BWRVIP-42, "LPCI COUPLING INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
604120 LPCI COUPLING (N17D) LPCI LOOP C RXI, 298', 315 AZ	B-N-1 B13.10	EVT-1 VT-3 VT-LIM-204V1 VT-LIM-204V1	X	-	-	EXAMINED PER BWRVIP-42, "LPCI COUPLING INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
<u>RPV (REF. DWG. NO. XI-BN-2)</u>						
605060 SHROUD HEAD BOLTS 48 BOLT ASSY'S, LUGS & BRACKETS FF, 352', 700	N/A+ N/A	VT-3 MAG-CG-407 R6	X	-	-	BASELINE EXAMINATION PERFORMED TO SATISFY AUG-10, "UFSAR TABLE 3.2-1, NON-Q RPV INTERNAL COMPONENTS" AND TO SATISFY AUG-15, "SIL NO. 433, SHROUD HEAD BOLT CRACKS". 2 NEW BOLTS. (C0191651)
<u>RPV (REF. DWG. NO. VIP-26, FIGR 2-10)</u>						
605073 TOP GUIDE 0-DEG C-CLAMP CLAMP ASSEMBLY RXI, 298', 0-AZ RXI, 298', 0-AZ	N/A N/A	VT-3 VT-LIM-204V1	X	-	-	EXAMINED PER AUG-21, "SIL NO. 554, TOP GUIDE CRACKS" AND BWRVIP-26, "BWR TOP GUIDE INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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<u>RPV (REF. DWG. NO. VIP-26, FIGR 2-10)</u>				
605074 TOP GUIDE 90-DEG C-CLAMP CLAMP ASSEMBLY RXI, 298', 90-AZ RXI, 298', 90-AZ	N/A N/A	VT-3	VT-LIM-204V1 - X - - -	EXAMINED PER AUG-21, "SIL NO. 554, TOP GUIDE CRACKS" AND BWRVIP-26, "BWR TOP GUIDE INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
605075 TOP GUIDE 180-DEG C-CLAMP CLAMP ASSEMBLY RXI, 298', 180-AZ RXI, 298', 180-AZ	N/A N/A	VT-3	VT-LIM-204V1 - X - - -	EXAMINED PER AUG-21, "SIL NO. 554, TOP GUIDE CRACKS" AND BWRVIP-26, "BWR TOP GUIDE INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
605076 TOP GUIDE 270-DEG C-CLAMP CLAMP ASSEMBLY RXI, 298', 270-AZ RXI, 298', 270-AZ	N/A N/A	VT-3	VT-LIM-204V1 - X - - -	EXAMINED PER AUG-21, "SIL NO. 554, TOP GUIDE CRACKS" AND BWRVIP-26, "BWR TOP GUIDE INSPECTION AND FLAW EVALUATION GUIDELINE". (C0191152)
<u>RPV (REF. DWG. NO. XI-BN-5)</u>				
605143 CRGT-1 CONTROL ROD GUIDE TUBE TO ALIGNMENT LUG RXI, 297'	N/A+ N/A	VT-3	VT-LIM-204V1 - X - - -	EXAMINED PER AUG-11, SIL NO. 409, "INCORE DRY TUBE CRACKS" AND BWRVIP-47, "BWR LOWER PLENUM INSPECTION AND FLAW EVALUATION GUIDELINES" AT CELL LOCATIONS 30-55, 38-31 AND 38-39. (C0191152)
605144 CRGT-2 CONTROL ROD GUIDE TUBE BODY TO SLEEVE WELD RXI, 297'	N/A+ N/A	EVT-1	VT-LIM-204V1 - X - - -	EXAMINED PER AUG-11, SIL NO. 409, "INCORE DRY TUBE CRACKS" AND BWRVIP-47, BWR LOWER PLENUM INSPECTION AND FLAW EVALUATION GUIDELINES" AT CELL LOCATIONS 30-55, 38-31 AND 38-39. (C0191152)
605145 CRGT-3 CONTROL ROD GUIDE TUBE BASE TO BODY WELD RXI, 297'	N/A+ N/A	EVT-1	VT-LIM-204V1 - X - - -	EXAMINED PER AUG-11, SIL NO. 409, "INCORE DRY TUBE CRACKS" AND BWRVIP-47, "BWR LOWER PLENUM INSPECTION AND FLAW EVALUATION GUIDELINES" AT CELL LOCATIONS 30-55, 38-31 AND 38-39. (C0191152)

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<u>RPV (REF. DWG. NO. XI-BN-5)</u>						
605146 FS/GT-ARPIN-1 FUEL SUPPORT/GUIDE TUBE ALIGNMENT PIN & WELD RXI, 297'	N/A+ N/A	VT-3 VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-11, "SIL 409, INCORE DRY TUBE CRACKS" AND BWRVIP-47, "BWR LOWER PLENUM INSPECTION AND FLAW EVALUATION GUIDELINES" AT CELL LOCATIONS 30-55, 38-31 AND 38-39. (C0191152)
<u>RPV (REF. DWG. NO. XI-BN-6)</u>						
605167 CRD STUB TUBE TO RPV 185 CRD HOUSINGS BH, 266'3", 400	B-E B4.12	VT-2 ST-4-041-950-1		X	- - -	EXAMINED 185 CRD HOUSING LOCATIONS. (R0764971)
605168 STUB TUBE TO CRD HOUSING 185 CRD HOUSINGS BH, 266'3", 400	B-E B4.12	VT-2 ST-4-041-950-1		X	- - -	EXAMINED 185 CRD HOUSING LOCATIONS. (R0764971)
605169 CRD HOUSING FLANGE BOLTING 185 CRD HOUSING FLANGES 8/FLNG DRYWELL DRYWELL	B-G-2 B7.80	VT-1 MAG-CG-407	R6	X	X - -	CRD LOCATIONS: 06-27, 10-51, 18-31, 22-27, 22-39, 22-43, 26-15, 26-27, 26-47, 30-07, 30-11, 34-03, 34-27, 38-03, 38-15, 38-55, 42-07, 42-27, 46-35 AND 46-51 WITH 8 BOLTS FROM EACH LOCATION. PLUS 18 NEW BOLTS. (R0765616)
<u>RPV (REF. DWG. NO. XI-BN-8)</u>						
606250 PB1 15AZ "B&D" HEADER PIPE BRACKET AND RPV ATTACHMENT WELD RPV INTR, EL306.7' 15AZ	N/A N/A	EVT-1 VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606255 PB2 85.5AZ "B&D" HEADER PIPE BRACKET AND RPV ATTACHMENT WELD RPV INTR, EL306.7' 85.5AZ	N/A N/A	EVT-1 VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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		SEC. XI			O E G E	
		CATGY	EXAM			R C E P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O O O	
					C R M R	REMARKS
<hr/>						
<u>RPV (REF. DWG. NO. XI-BN-8)</u>						
606290	S1A "A" SPARGER T-BOX COVER PLATE WELD RPV INTR, EL298' 352.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES".
606295	S1B "B" SPARGER T-BOX COVER PLATE WELD RPV INTR, EL298' 7.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINE". (C0191152)
606310	S2aA "A" SPARGER T-BOX TO PIPE WELD (RIGHT SIDE) RPV INTR, EL298' 352.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606315	S2bA "A" SPARGER T-BOX TO PIPE WELD (LEFT SIDE) RPV INTR, EL298' 352.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606320	S2aB "B" SPARGER T-BOX TO PIPE WELD (RIGHT SIDE) RPV INTR, EL298' 7.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606325	S2bB "B" SPARGER T-BOX TO PIPE WELD (LEFT SIDE) RPV INTR, EL298' 7.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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					C R M R	
<u>RPV (REF. DWG. NO. XI-BN-8)</u>						
606350	S3aXXA "A" SPARGER PIPE WELD TO NOZZLE WELD, TYPICAL OF 65 RPV INTR, EL298' 273-88AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606370	S3bXXA "A" SPARGER NOZZLE TO ORIFICE WELD, TYPICAL OF 65 ORIFICES RPV INTR, EL298' 273-88AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606410	S3dXXA "A" SPARGER NOZZLE STITCH WELDS, 2 WELDS 180 DEG. APART, RPV INTR, EL298' 273-88AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606450	S4aA "A" SPARGER PIPE TO END CAP WELD (RIGHT SIDE) RPV INTR, EL298' 88AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606455	S4aB "B" SPARGER PIPE TO END CAP WELD (RIGHT SIDE) RPV INTR, EL298' 88AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606470	S4ba "A" SPARGER PIPE TO END CAP WELD (LEFT SIDE) RPV INTR, EL298' 273AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O O O	REMARKS
					C R M R	
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<u>RPV (REF. DWG. NO. XI-BN-8)</u>						
606475	S4bB "B" SPARGER PIPE TO END CAP WELD (LEFT SIDE) RPV INTR, EL298' 273AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606490	SB1 "A & B" SPARGER BRACKET AND SHROUD ATTACHMENT WELDS RPV INTR, EL298' 7.5AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINS". (C0191152)
606495	SB2 "A & B" SPARGER BRACKET AND SHROUD ATTACHMENT WELDS RPV INTR, EL298' 44AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606500	SB3 "A & B" SPARGER BRACKET AND SHROUD ATTACHMENT WELDS RPV INTR, EL298' 84AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606535	SB10 "A & B" SPARGER BRACKET AND SHROUD ATTACHMENT WELDS RPV INTR, EL298' 276AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606540	SB11 "A & B" SPARGER BRACKET AND SHROUD ATTACHMENT WELDS RPV INTR, EL298' 316AZ	N/A N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191952)

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					C	R	M R	
<u>RPV (REF. DWG. NO. XI-BN-8)</u>								
606545 SB12 "A & B" SPARGER BRACKET AND SHROUD ATTACHMENT WELDS RPV INTR, EL298' 352AZ	N/A N/A	EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-03, "IE BULLETIN 80-13, CRACKING IN CORE SPRAY SPARGERS" AND BWRVIP-18, "BWR CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
606600 RB-1a & RB-1b, JP11&12 PRIMARY RISER BRACE DOUBLE-LEAF TO VESSEL PAD RXI, 210 AZ	B-N-1+ B13.10	EVT-1		VT-LIM-204V1	X	-	-	IN ADDITION TO SECTION XI, EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606601 RB-1c & RB-1d, JP11&12 PRIMARY RISER BRACE DOUBLE-LEAF TO VESSEL PAD RXI, 210 AZ	B-N-1+ B13.10	EVT-1		VT-LIM-204V1	X	-	-	IN ADDITION TO SECTION XI, EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606604 RB-1a & RB-1b, JP15&16 PRIMARY RISER BRACE DOUBLE-LEAF TO VESSEL PAD RXI, 270 AZ	B-N-1+ B13.10	EVT-1		VT-LIM-204V1	X	-	-	IN ADDITION TO SECTION XI, EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606605 RB-1c & RB-1d, JP15&16 PRIMARY RISER BRACE DOUBLE-LEAF TO VESSEL PAD RXI, 270 AZ	B-N-1+ B13.10	EVT-1		VT-LIM-204V1	X	-	-	IN ADDITION TO SECTION XI, EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". RB-1D EXAMINED & RB-1C RESCHED TO 1R09. (C0191152)

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		CATGY	EXAM			R C E P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O O O	
					C R M R	REMARKS
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>						
606611	RB-2c & RB-2d, JP11&12 PRIMARY RISER BRACE TO YOKE WELDS RXI, 210 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	IN ADDITION TO SECTION XI, EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". RB-2C EXAMINED & RB-2D RESCHED TO 1R09. (C0191152)
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>						
606614	RB-2a & RB-2b, JP15&16 PRIMARY RISER BRACE TO YOKE WELDS RXI, 270 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606615	RB-2c & RB-2d, JP15&16 PRIMARY RISER BRACE TO YOKE WELDS RXI, 270 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLOW EVALUATION GUIDELINES". (C0191152)
606620	RS-1, JP 11&12 RISER ELBOW TO THERMAL SLEEVE WELD RXI, 210 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606621	RS-1, JP 13&14 RISER ELBOW TO THERMAL SLEEVE WELD RXI, 240 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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	SEC. XI				O E G E	
	CATGY	EXAM			R C E P	
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E O O O	
					C R M R	REMARKS
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>						
606622 RS-1, JP 15 RISER ELBOW TO THERMAL SLEEVE N/A WELD RXI, 270 AZ	EVT-1		VT-LIM-204V1	- X - - -		EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606623 RS-2, JP 11&12 RISER ELBOW TO RISER PIPE WELD N/A RXI, 210 AZ RXI, 210 AZ	EVT-1		VT-LIM-204V1	- X - - -		EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606624 RS-2, JP 13&14 RISER ELBOW TO RISER PIPE WELD N/A RXI, 240 AZ RXI, 240 AZ	EVT-1		VT-LIM-204V1	- X - - -		EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606625 RS-2, JP 15 RISER ELBOW TO RISER PIPE WELD N/A RXI, 270 AZ RXI, 270 AZ	EVT-1		VT-LIM-204V1	- X - - -		EXAMIED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606626 RS-3, JP 11&12 RISER PIPE TO TRANSITION PIECE N/A WELD RXI, 210 AZ	EVT-1		VT-LIM-204V1	- X - - -		EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606627 RS-3, JP 13&14 RISER PIPE TO TRANSITION PIECE N/A WELD RXI, 240 AZ	EVT-1		VT-LIM-204V1	- X - - -		EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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		SEC. XI				O E G E	
		CATGY	EXAM				R C E P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E O O O	
						C R M R	
						REMARKS	
<hr/>							
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>							
606628	RS-3, JP 15 RISER PIPE TO TRANSITION PIECE N/A WELD RXI, 270 AZ		EVT-1	VT-LIM-204V1 -	X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)	
606630	RS-6/7, JP 11&12 RISER PIPE TO RESTRAINER N/A BRACKET PIPE WELDS RXI, 210 AZ	N/A	EVT-1	VT-LIM-204V1 -	X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)	
606631	RS-6/7, JP 13&14 RISER PIPE TO RESTRAINER N/A BRACKET PIPE WELDS RXI, 240 AZ	N/A	EVT-1	VT-LIM-204V1 -	X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)	
606632	RS-6/7, JP 15 RISER PIPE TO RESTRAINER N/A BRACKET PIPE WELDS RXI, 270 AZ	N/A	EVT-1	VT-LIM-204V1 -	X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)	
606633	RS-8/9, JP 11&12 RISER PIPE TO PRIMARY RISER N/A BRACE CIRC WELDS RXI, 210 AZ	N/A	EVT-1	VT-LIM-204V1 -	X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)	
606634	RS-8/9, JP 13&14 RISER PIPE TO PRIMARY RISER N/A BRACE CIRC WELDS RXI, 240 AZ	N/A	EVT-1	VT-LIM-204V1 -	X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)	

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		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O	
					C	R	M	R	REMARKS
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>									
606635	RS-8/9, JP 15 RISER PIPE TO PRIMARY RISER BRACE CIRC WELDS RXI, 270 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606640	IN-4, JP 11 CONNECTION BETWEEN INLET AND MIXER (HAZ ON MIXER SIDE OF RXI, 203 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606641	IN-4, JP 12 CONNECTION BETWEEN INLET AND MIXER (HAZ ON MIXER SIDE OF RXI, 218 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606642	IN-4, JP 13 CONNECTION BETWEEN INLET AND MIXER (HAZ ON MIXER SIDE OF RXI, 233 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606643	IN-4, JP 14 CONNECTION BETWEEN INLET AND MIXER (HAZ ON MIXER SIDE OF RXI, 248 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606644	IN-4, JP 15 CONNECTION BETWEEN INLET AND MIXER (HAZ ON MIXER SIDE OF RXI, 263 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N R R O E G E R C E P E O O O			REMARKS
				ITEM NO	C R M R		
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>							
606650 MX-2, JP 11 BARREL TO ADAPTER WELD (WROUGHT SIDE ONLY) RXI, 203 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606651 MX-2, JP 12 BARREL TO ADAPTER WELD (WROUGHT SIDE ONLY) RXI, 218 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606652 MX-2, JP 13 BARREL TO ADAPTER WELD (WROUGHT SIDE ONLY) RXI, 233 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606653 MX-2, JP 14 BARREL TO ADAPTER WELD (WROUGHT SIDE ONLY) RXI, 248 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41. "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606654 MX-2, JP 15 BARREL TO ADAPTER WELD (WROUGHT SIDE ONLY) RXI, 263 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606660 WD-1, JP 11 WEDGE BEARING SURFACE RXI, 203 AZ RXI, 203 AZ	N/A	VT-1	VT-LIM-204V1	-	X	- - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O	
					C	R	M	R	REMARKS
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>									
606661	WD-1, JP 12 WEDGE BEARING SURFACE RXI, 218 AZ RXI, 218 AZ	N/A	VT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606662	WD-1, JP 13 WEDGE BEARING SURFACE RXI, 233 AZ RXI, 233 AZ	N/A	VT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606663	WD-1, JP 14 WEDGE BEARING SURFACE RXI, 248 AZ RXI, 248 AZ	N/A	VT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606664	WD-1, JP 15 WEDGE BEARING SURFACE RXI, 263 AZ RXI, 263 AZ	N/A	VT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606670	DF-1, JP 11 DIFFUSER COLLAR TO DIFFUSER SHELL WELD RXI, 203 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606671	DF-1, JP 12 DIFFUSER COLLAR TO DIFFUSER SHELL WELD RXI, 218 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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SUMMARY EXAMINATION AREA		ASME			N	R	R		
		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	O	O	
					C	R	M	R	REMARKS
-----									
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>									
606672	DF-1, JP 13 DIFFUSER COLLAR TO DIFFUSER SHELL WELD RXI, 233 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606673	DF-1, JP 14 DIFFUSER COLLAR TO DIFFUSER SHELL WELD RXI, 248 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606674	DF-1, JP 15 DIFFUSER COLLAR TO DIFFUSER SHELL WELD RXI, 263 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606675	DF-2, JP 11 DIFFUSER SHELL TO TAIL PIPE WELD RXI, 203 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606676	DF-2, JP 12 DIFFUSER SHELL TO TAIL PIPE WELD RXI, 218 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606677	DF-2, JP 13 DIFFUSER SHELL TO TAIL PIPE WELD RXI, 233 AZ	N/A	EVT-1	VT-LIM-204V1	-	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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NUMBER IDENTIFICATION								C	R	M	
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>											
606678	DF-2, JP 14 DIFFUSER SHELL TO TAIL PIPE WELD RXI, 248 AZ	N/A			EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606679	DF-2, JP 15 DIFFUSER SHELL TO TAIL PIPE WELD RXI, 263 AZ	N/A			EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606680	AD-1, JP 11 ADAPTER TOP TO ADAPTER BOTTOM WELD RXI, 203 AZ	N/A			EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606681	AD-1, JP 12 ADAPTER TOP TO ADAPTER BOTTOM WELD RXI, 218 AZ	N/A			EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606682	AD-1, JP 13 ADAPTER TOP TO ADAPTER BOTTOM WELD RXI, 233 AZ	N/A			EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606683	AD-1, JP 14 ADAPTER TOP TO ADAPTER BOTTOM WELD RXI, 248 AZ	N/A			EVT-1		VT-LIM-204V1	X	-	-	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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SUMMARY EXAMINATION AREA		ASME	N R R			REMARKS
		SEC. XI	O E G E			
		CATGY EXAM	R C E P			
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O O O	C R M R	
<hr/>						
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1.5)</u>						
606684	AD-1, JP 15 ADAPTER TOP TO ADAPTER BOTTOM WELD RXI, 263 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606685	AD-2, JP 11 ADAPTER BOTTOM TO SHROUD SUPPORT PLATE RXI, 203 AZ	N/A	EVT-1	VT-LIM-204V1	- - X - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". OBSERVED DEBRIS (HEAT EXCHANGER TUBE PLUGS) AND WERE REMOVED. (C0191152)
606686	AD-2, JP 12 ADAPTER BOTTOM TO SHROUD SUPPORT PLATE RXI, 218 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606687	AD-2, JP 13 ADAPTER BOTTOM TO SHROUD SUPPORT PLATE RXI, 233 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606688	AD-2, JP 14 ADAPTER BOTTOM TO SHROUD SUPPORT PLATE RXI, 248 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)
606689	AD-2, JP 15 ADAPTER BOTTOM TO SHROUD SUPPORT PLATE RXI, 263 AZ	N/A	EVT-1	VT-LIM-204V1	- X - - -	EXAMINED PER AUG-04, "NUREG/CR-3052 CLOSEOUT OF IEB 80-07 JET PUMP ASSEMBLY FAILURE" AND BWRVIP-41, "BWR JET PUMP ASSEMBLY INSPECTION AND FLAW EVALUATION GUIDELINES". (C0191152)

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N R R O E G E R C E P E O O O			REMARKS
			C	R	M	
<u>RWCU (REF. DWG. NO. DCA-101-5)</u>						
701610 DCA-101-H060 MECHANICAL SNUBBER 15 ,237,400/240	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0190703)
701630 DCA-101-H063 MECHANICAL SNUBBER 15 ,237,400/240	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0190703)
<u>RWCU (REF. DWG. NO. DCA-113-1)</u>						
702290 DCA-113-H004 MECHANICAL SNUBBER 15 ,237,400/179	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0190706)
<u>RWCU (REF. DWG. NO. DCC-101-2)</u>						
703780 DCC-101-H025 MECHANICAL SNUBBER	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0189340)
<u>RWCU (REF. DWG. NO. DCC-103-2)</u>						
703970 DCC-103-H030(A) MECHANICAL SNUBBER	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0189812)
704000 DCC-103-H032 MECHANICAL SNUBBER	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0189340)
<u>RCIC (REF. DWG. NO. EBB-109-1)</u>						
705560 EBB-109-H035 MECHANICAL SNUBBER 15 ,177,108	N/A+ N/A	VT-3 MAG-CG-407	R6	X	- - -	(C0190710)



**SECTION 2**

**SUMMARY OF REPORTABLE CONDITIONS OBSERVED**

**DURING IN-SERVICE INSPECTION**

**LIMERICK GENERATING STATION**

**UNIT 1**

**MAY 21, 1998 TO APRIL 28, 2000**

## SECTION 2

### SUMMARY OF REPORTABLE CONDITIONS OBSERVED

As a result of examinations performed prior to and during the Unit 1, 8<sup>th</sup> Refuel Outage, there were no reportable conditions observed. Numerous other conditions were recorded and subsequent examinations and/or evaluations determined all conditions to be either insignificant or geometric in nature.