



LIMERICK GENERATING STATION

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PDR ADCK 05000352
Q PDC

3895247550

Limerick Generating Station
Unit One and Common Plant

Summary Of ASME Section XI
Repairs or Replacements

From
September 1, 1987 through May 19, 1989
Report No. 2

Summary of Attached Section XI
NIS-2 Owner's Report for
Limerick Unit #1 Repairs
or Replacements,
from September 1, 1987,
to May 19, 1989

<u>System No.</u>	<u>Description of Work Performed</u>
011	Modification 5132, Replace supply piping to HPCI pump compartment unit coolers.
011	Modification 5133, Replace supply piping to RHR pump compartment unit coolers.
011	Modification 5134, Replace the supply and return lines to the "B" and "D" core spray compartment unit coolers.
011	Modification 5135, Replace supply piping to "B" Control Room Chiller.
011	Modification 5136, Replace orifice with full bore spacer.
012	Replace 2" drain piping on RHR service water.
041	Modification 5546, Replace bolting on MSRV spare flange APE-LMS-LA-19B.
047	Replace (47) CRD capscrews during 2nd refuel exchange.

048 Replace explosive actuator parts of valve XV-048-1F004A (squib).

048 Replace explosive actuator parts of valve XV-048-1F004B (squib).

051 Modification 5658, Removal of Reactor Head Spray

057 Modification 5730, Rotate valve 57-1088 to reverse flow direction.

090 Repair weld on 1 1/2" service water line of OB-K112 Control Room Chiller.

103 Replace (15) mechanical snubbers.

103 Replace end cap nut on snubber S/N 6698.

103 Replace snubber adapter assembly bolts.

103 Replace snubber load pins.

103 Replace snubber pipe clamp and load pin.

103 Replace snubber pipe clamp and load pin.

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
Limerick Generating Station
Name
P.O. Box A
Address
Sanatoga Branch, Pottstown, PA 19464
Name
Philadelphia Electric Co.
Address
Repair Organization P.O. No., Job No., etc.
 3. Work Performed by Philadelphia Electric Co. Unit One
Name
2301 Market St., Philadelphia, PA 19101
Address
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A
 4. Identification of System Emergency Service Water - Spec. 8031-M-511

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through Winter 1981
Code Case N-308.
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer's Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
IDCN 002							
HBC-145-5	Ladish	JK6BB	N/A	PC31X	N/A	Replace-ment	No
IDCN 002	Anchor			Valve(30X)		Replace-ment	No
HBC-145-5	Darling	E-A121-3-1	N/A	11-0069	1987	Replace-ment	No
IDCN 002	Babcock					Replace-ment	No
HBC-145-5	& Wilcox	400261	N/A	PC 29X	N/A	Replace-ment	No
IDCN 002	Ladish	JJ6ZA	N/A	PC 28X	N/A	Replace-ment	No
IDCN 002	Babcock					Replace-ment	No
HBC-145-5	& Wilcox	400874	N/A	PC 36X	N/A	Replace-ment	No

7. Description of Work Remove and replace supply piping to HPCI pump compartment unit coolers.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. 64 °F

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

FORM NIS-2 (Back)

Replacements were performed in accordance with ASME Section XI.

9 Remarks Applicable Manufacturer's Data Reports to be attached
MDCP-5132, Rev. 1, Specification 8031-G-33, Revision 3 and ERRfs L-1401,
L-1424, L-1498, L-1528, L-1536, L-1537, L-1542, L-1555, L-1569, L-1577,
L-1585, L-1586, L-1587, L-1594, L-1596, L-1606, L-1608, L-1612, L-1619,
L-1645 and L-1646. The NPV-1 manufacturers data reports for the installed
valves are attached.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed RE Liable Work Installation Date 8/14 19 89
 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 Hartford Steam Boiler Inspection & Ins. of Hartford, CT have inspected the components described in this Owner's Report during the period 11-18-88 to 8-14-89, 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 Denaut Commissions PA 2497 I+N
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 14 AUG 19 89

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 2 of 5
Name
P.O. Box A, Sanatoga Branch Unit One
Address
Pottstown, PA PECo
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-145-5	Babcock & Wilcox	400261	N/A	PC 27X	N/A	Replacement	No
IDCN 002 HBC-145-5	Babcock & Wilcox	400261	N/A	PC 26X	N/A	Replacement	No
IDCN 002 HBC-145-5	Ladish	DM6T	N/A	PC25X	N/A	Replacement	No
IDCN 002 HBC-145-5	Babcock & Wilcox	400261	N/A	PC24X	N/A	Replacement	No
IDCN 002 HBC-145-5	Ladish	DM6T	N/A	PC23X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC21XA	N/A	Replacement	No
IDCN 002 HBC-145-2	Capitol Mfg.	0933	N/A	PC22X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC40X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC21X	N/A	Replacement	No
IDCN 002 HBC-145-2	Ladish	DM6T	N/A	PC20X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC19X	N/A	Replacement	No
IDCN 002 HBC-145-2	Ladish	DM6T	N/A	PC18X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 3 of 5
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Repair Organization P.O. No., Job No., etc.
Pottstown, PA
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-145-2	United States Steel	L61108	N/A	PC 17X	N/A	Replacement	No
IDCN 002 HBC-145-H901	Colonial Machine	PBZ	N/A	Wrapper Plate	N/A	Replacement	No
IDCN 002 HBC-145-2	United States Steel	L61108	N/A	PC16X	N/A	Replacement	No
IDCN 002 HBC-145-2	Tube Forgings	LL72	N/A	PC15X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC14X	N/A	Replacement	No
IDCN 002 HBC-145-2	Tube Forgings	LL70	N/A	PC13X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC12X	N/A	Replacement	No
IDCN 002 HBC-145-2	United States Steel	L61108	N/A	PC38X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC11X	N/A	Replacement	No

FORM NIS-1 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 4 of 5
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Repair Organization P.O. No., Job No., etc.
Pottstown, PA
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-145-2	Ladish	DM6T	N/A	PC10X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC32N	N/A	Replacement	No
IDCN 002 HBC-145-2	Tube Forgings	LL70	N/A	PC9X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC8X	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC33N	N/A	Replacement	No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC34N	N/A	Replacement	No
IDCN 002 HBC-145-2	Tube Forgings	LL72	N/A	PC7X	N/A	Replacement	No
IDCN 002 HBC-145-2	United States Steel	L21107	N/A	PC6X	N/A	Replacement	No
IDCN 002 HBC-145-2	Tube Forgings	LL70	N/A	PC5X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 5 of 5
Name
P.O. Box A, Sanatoga Branch Unit One
Address
Pottstown, PA PECO
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name
2301 Market St., Philadelphia, PA 19101 Authorization No. Not Applicable
Address
Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
* See Specification 8031-P-360 Rev. 11
6. Identification of Components Repaired or Replaced and Replacement Components

[illegible]

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

1. Owner Philadelphia Electric Company Date June 22, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A
Sanatoga Branch, Pottstown, PA 19464
Address
3. Work Performed by Philadelphia Electric Co. Type Code Symbol Stamp N/A
Name
2301 Market St., Philadelphia, PA 19101
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with Addenda through Winter 1981
 *See Specification 8031-P-360, Rev. 11.
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)
IDCN 005 HBC-143-2	Ladish	DR6Y	N/A	PC50X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC51X	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6J	N/A	PC52X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC53XA	N/A	Replacement	No

7. Description of Work Remove and replace supply piping to RHR pump compartment unit
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. 64 *F

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

FORM NIS-2 (Back)

9. Remarks Replacements were performed in accordance with ASME Section XI,
Applicable Manufacturer's Data Reports to be attached
MDCP-5133 Rev. 3, Specification 8031-G-33, Revision 3. ERRFs L-1360, L-1487,
L-1529, L-1532, L-1533, L-1534, L-1543, L-1546, L-1549, L-1554, L-1556, L-1575,
L-1582, L-1590 and L-1607. The NPV-1 manufacturers data reports for the
installed valves are 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A
Signed RE. St. Aubin Limerick Section
Owner or Owner's Designee Title Mechanical Branch Head Date 7/21 19 59

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 Pennsylvania and employed by Hartford Steam Boiler Inspection & Ins. of Hartford, Connecticut Company have inspected the components described in this Owner's Report during the period 11-12-88 to 8-2-89, 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.

Inspection, Paul Kervan Jr. Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements

Date 2 AUG 1989

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

1. Owner Philadelphia Electric Company Date June 22, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 2 of 4
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Pottstown, PA Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name
2301 Market St., Philadelphia, PA 19101 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code 19 * Edition, 19 * Addenda, 19 * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
* See Specification 8031-P-360 Rev. 11
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)
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC53X	N/A	Replacement	No
IDCN 003 HBC-139-H902	Colonial Mach. PCA		N/A	Wrapper Plate SA106B	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6J	N/A	PC54X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC55X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC55XA	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6J	N/A	PC56X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC72X	N/A	Replacement	No
IDCN 003 HBC-139-1	Colonial Machine	AEP	N/A	PC103X	N/A	Replacement	No
IDCN 003 HBC-139-1	U.S. Steel	D03437	N/A	PC104X	N/A	Replacement	No
Globe Valve	Rockwell Edwards	WA555	N/A	11-1414	N/A	Replacement	Yes
IDCN 003 HBC-139-1	U.S. Steel	D03437	N/A	PC105X	N/A	Replacement	No
IDCN 003 HBC-139-1	Bonney Forge	CH89	N/A	PC106X	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6J	N/A	PC101X	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DT6T	N/A	PC59X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 22, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 3 of 4
Name
P.O. Box A, Sanatoga Branch Unit One
Address
Pottstown, PA PECo
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code 19 * Edition 80 * Addenda 11 * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC60X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC73X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC72XA	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DT6T	N/A	PC61X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC62X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC62XA	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6S	N/A	PC63X	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6S	N/A	PC64X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC65X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC65XA	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	BU6D	N/A	PC66X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 22, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 4 of 4
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Repair Organization P.O. No., Job No., etc.
Pottstown, PA
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
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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)
IDCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC67X	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	DW6J	N/A	PC71X	N/A	Replacement	No
IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC68X	N/A	Replacement	No
IDCN 003 HBC-139-1	Tube Forgings	NN25	N/A	PC69X	N/A	Replacement	No
IDCN 003 HBC-139-1	Ladish	JK6BB	N/A	PC70X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-2-7	N/A	11-1014B	1987	Replacement	Yes
IDCN 003 HBC-139-1	U.S. Steel	L21107	N/A	PC75X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-2-9	N/A	11-1014D	1987	Replacement	Yes
IDCN 001 HBC-148-1	Ladish	DM6T	N/A	PC1301X	N/A	Replacement	No
IDCN 001 HBC-148-1	U.S. Steel	L21107	N/A	PC1302X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-2-4	N/A	11-1018D	1987	Replacement	Yes
Gate Valve	Anchor Darling	E-A121-1-2	N/A	11-1018B	1987	Replacement	Yes
IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC102X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 1 of 12
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box A
Sanatoga Branch, Pottstown, PA 19464 Philadelphia Electric Co.
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Philadelphia Electric Co. Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market St., Philadelphia, PA 19101 Expiration Date N/A
Address

4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with Addenda through Winter 1981.
*See Specification 8031-P-360, Revision 11 and Code Case N-308
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)
IDCN 002 HBC-152-1	Ladish	DZ6S	N/A	PC1X	N/A	Replacement	No
IDCN 002 HBC-152-1	Ladish	DZ6S	N/A	PC1XA	N/A	Replacement	No
IDCN 002 HBC-152-1	Phoenix Steel	7N094	N/A	PC25X	N/A	Replacement	No
IDCN 006 HBC-143-2	Ladish	DZ6S	N/A	PC 2X	N/A	Replacement	No
IDCN 006 HBC-143-2	Ladish	DZ6S	N/A	PC1AX	N/A	Replacement	No

7. Description of Work Remove and replace the supply and return lines to the "B" and "D" core spray compartment unit coolers.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 165 psi Test Temp. 64 °F

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

FORM NIS-2 (Back)

B. Remarks Replacements were performed in accordance with ASME Section XI,
Applicable Manufacturer's Data Reports to be attached
MDCP-5134, Rev. 1, Specification 8031-G-33, Revision 3, ERRFs L-1331, L-1415,
L-1488, L-1515, L-1531, L-1547, L-1551, L-1564, L-1565, L-1571, L-1572,
L-1576, L-1578, L-1580, L-1581, L-1593, L-1595, L-1598, L-1604, and L-1610.
The NPV-1 manufacturers data reports for the installed valves are attached.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed RE Shertley Installation Mech Date 7/7, 19 89
Crank Road
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 Hartford Steam Boiler Inspection & Insurance
Hartford, Connecticut have inspected the components described
in this Owner's Report during the period 11-10-88 to 8-11-89, 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 Sena Jr. Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements
Date 11 AUG 19 89

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch
Address
Portstown, PA
Repair Organization P.O. No., Job No., etc.
PECo
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name
2301 Market St., Philadelphia, PA 19101
Address
 Authorization No. Not Applicable
 Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
* See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 2X	N/A	Replacement	No
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 3X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 4X	N/A	Replacement	No
IDCN 002 HBC-141-H11	Dubose Steel	94304-26	N/A	Welded Attch.	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 4XA	N/A	Replacement	No
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 5X	N/A	Replacement	No
IDCN 002 HBC-141-4	HUB	987BN	N/A	PC 21X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 6XA	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	50X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	6X	N/A	Replacement	No
IDCN 002 HBC-141-4	Tube Turn	W8928	N/A	PC 7X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 3 of 12
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Pottstown, PA Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name
2301 Market St., Philadelphia, PA 19101 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code 19 * Edition, 80 * Addenda, 11 * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
* See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 8XA	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 8X	N/A	Replacement	No
IDCN 002 HBC-141-4	Tube Turn	W8928	N/A	PC 9X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacement	No
IDCN 002 HBC-141-H17	Dubose Steel	84136-26	N/A	Welded Attachmt.	N/A	Replacement	No
IDCN 002 HBC-141-4	Ladish	DW6A	N/A	PC 11X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC12X	N/A	Replacement	No
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 13X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 14X	N/A	Replacement	No
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 15X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 16X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-1-4	N/A	11-1025D	1987	Replacement	Yes

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Unit C06
Name
P.O. Box A, Sanatoga Branch
Address
Pottstown, PA
Repair Organization P.O. No., Job No., etc.
PECo
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name
2301 Market St., Philadelphia, PA 19101
Address
 Authorization No. Not Applicable
 Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code ASME 19 ASME Edition, ASME Addenda, ASME Code Case
 (b) Applicable Edition of Section XI utilized for Repairs or Replacements 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 18X	N/A	Replacement	No
IDCN 002 HBC-141-4	Tube Turn	W8117	N/A	PC 19X	N/A	Replacement	No
IDCN 002 HBC-141-4	Babcock & Wilcox	9LCRC	N/A	PC 20X	N/A	Replacement	No
SP-HBC-141-E4 IDCN 002	Quanex Gulf States	279602	N/A	PC 25X	N/A	Replacement	No
SP-HBC-141-E4 IDCN 002	Quanex Gulf States	279602	N/A	PC 26X	N/A	Replacement	No
SP-HBC-141-E4 IDCN 002	Bonney Forge	CB92	N/A	PC 27X	N/A	Replacement	No
SP-HBC-141-E4 IDCN 002	Bonney Forge	CB92	N/A	PC 28X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 21, 1989
2301 Market St., Philadelphia, PA 19101 Sheet 5 of 12
 Address
2. Plant Limerick Generating Station Unit One
P.O. Box A, Sanatoga Branch PECo
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
2301 Market St., Philadelphia, PA 19101 Authorization No. Not Applicable
 Address Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition * Addenda * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-150-4	Babcock & Wilcox	400873	N/A	PC 2X	N/A	Replacement	No
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 3X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 4X	N/A	Replacement	No
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 5X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 6X	N/A	Replacement	No
IDCN 002 HBC-150-4	Ladish	DB6U	N/A	PC 7X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 8X	N/A	Replacement	No
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 9X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacement	No
IDCN 002 HBC-150-H6	Dubose Steel	94304-26	N/A	Welded Attach.	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 10XA	N/A	Replacement	No
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 11X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 12X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 6 of 12
Name
P.O. Box A, Sanatoga Branch Unit One
Address Pottstown, PA
PECo
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code 19 * Edition 1 * Addenda 1 * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 13X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 14X	N/A	Replacement	No
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 15X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 16X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-1-B	N/A	11-1027D	1987	Replacement	Yes
IDCN 002 HBC-150-4	Babcock & Wilcox	400873	N/A	PC 18X	N/A	Replacement	No
IDCN 002 HBC-150-4	Tube Turn	WB117	N/A	PC 19X	N/A	Replacement	No
IDCN 002 HBC-150-4	Babcock & Wilcox	9BVX	N/A	PC 20X	N/A	Replacement	No
IDCN 002 SP-HBC-150-E4 (Sheet 1)	Quanex Gulf States	279602	N/A	PC 21X	N/A	Replacement	No

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
ASME Code Section XI

1. Owner Philadelphia Electric Company
2301 Market St., Philadelphia, PA 19101
Address

Date June 21, 1989

Sheet 7 of 12

2. Plant Limerick Generating Station
Name

Unit One

P.O. Box A, Senators Branch
Pottstown, PA

PECo

Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pottstown, PA Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Type Code Symbol Stamp Not Applicable
Not Applicable

Authorization No. Not Applicable

Expiration Date Not Applicable

4. Identification of System Emergency Service Water - Spec. 8031-M-511

5. (a) Applicable Construction Code _____ 19 _____ Edition, _____ Addenda, _____ Code Case _____
 (b) Material Not Utilized for Repairs or Replacements 19 80 with addenda through winter _____

(a) Applicable Construction Code _____ 19 ____ Edition, _____ Addenda, _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 ____ 80 ____ with addenda through winter 1981

* See Specification 803T-P-360 Rev. 11

6. Identification of Components Repaired or Replaced and Replacement Components

[illegible]

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch
Levittown, PA
Address

3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address

4. Identification of System Emergency Service Water - Spec. 8031-M-511

5. (a) Applicable Construction Code 19 * Edition, 80 * Addenda, 1981 * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11

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)
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 2X	N/A	Replacement	No
IDCN 002 HBC-141-2	Ladish	DX6B	N/A	PC 3X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 4XA	N/A	Replacement	No
IDCN 002 HBC-141-H6	Dubose Steel	94304-26	N/A	Welded Attachment	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 4X	N/A	Replacement	No
IDCN 002 HBC-141-2	Ladish	DX6B	N/A	PC 5X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 6X	N/A	Replacement	No
IDCN 002 HBC-141-2	Ladish	DX6B	N/A	PC 7X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 8XA	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400874	N/A	PC8X	N/A	Replacement	No
IDCN 002 HBC-141-2	Tube Turn	W8928	N/A	PC9X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 21, 1989
2301 Market St., Philadelphia, PA 19101 Sheet 9 of 12
 Address
2. Plant Limerick Generating Station Unit One
P.O. Box A, Sanatoga Branch PECo
Pottstown, PA Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
2301 Market St., Philadelphia, PA 19101 Authorization No. Not Applicable
 Address Expiration Date Not Applicable
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	1LCD	N/A	PC 11X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 12X	N/A	Replacement	No
IDCN 002 HBC-141-2	Ladish	DX6B	N/A	PC 13X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 14X	N/A	Replacement	No
IDCN 002 HBC-141-2	Ladish	DX6B	N/A	PC 15X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 16X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-1-2	N/A	11-1025B	1987	Replacement	Yes
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 18X	N/A	Replacement	No
IDCN 002 HBC-141-2	Tube Turn	W8117	N/A	PC 19X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	9LCRE	N/A	PC 20X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Date June 21, 1989

Sheet 10 of 12

2. Plant Limerick Generating Station
Name
P.O. Box A, Sanatoga Branch
Address
Pottstown, PA

Unit One

PECo

Repair Organization P.O. No., Job No., etc.

3. Work Performed by Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Type Code Symbol Stamp Not Applicable

Authorization No. Not Applicable

Expiration Date Not Applicable

4. Identification of System: Emergency Service Water - Spec. 8031-M-511

5. (a) Applicable Construction Code _____ 19 ____ Edition, _____ Addenda, _____ Code Case _____

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981

* See Specification 8031-P-360 Rev. 11

6. Identification of Components Repaired or Replaced and Replacement Components

[illegible]

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

1. Owner Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Date June 21, 1989
Sheet 11 of 12

2. Plant Limerick Generating Station
Name
P.O. Box A, Sanatoga Branch
Address
Pottstown, PA
3. Work Performed by Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Unit One
PECO
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp Not Applicable
Authorization No. Not Applicable
Expiration Date Not Applicable

4. Identification of System Emergency Service Water - Spec. 8031-M-511

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
* See Specification 8031-P-360 Rev. 11

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)
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 3X	N/A	Replacement	No
IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 4X	N/A	Replacement	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 5X	N/A	Replacement	No
IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 6X	N/A	Replacement	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 7X	N/A	Replacement	No
IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 8X	N/A	Replacement	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 9X	N/A	Replacement	No
IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacement	No
IDCN 002 HBC-150-H14	Dubose Steel	194304-26	N/A	Welded Attn.	N/A	Replacement	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 11X	N/A	Replacement	No
IDCN HBC-150-2	Babcock & Wilcox	400873	N/A	PC 12X	N/A	Replacement	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 13X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 21, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 12 of 12
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN 002 HBC-140-2	Babcock & Wilcox	400874	N/A	PC 14X	N/A	Replacement	No
Gate Valve	Anchor Darling	E-A121-1-5	N/A	11-1027B	1987	Replacement	Yes
IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 16X	N/A	Replacement	No
IDCN 002 HBC-150-2	Tube Turn	W8117	N/A	PC 17X	N/A	Replacement	No
IDCN 002 HBC-150-2	Tube Turn	W7596	N/A	PC 18X	N/A	Replacement	No
IDCN 002 SP-HBC-150-E2	Quanex Gulf States	43035	N/A	PC 19X	N/A	Replacement	No
IDCN 002 SP-HBC-150-E2	Bonney Forge	CB92	N/A	PC 20X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Co. Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Unit One
Name
P. O. Box A, Sanatoga Branch, Pottstown, PA PECo
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Co. Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with Addenda through Winter 1981
 *See Specification 8031-P-360, Rev. 11.
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)
IDCN #002 HBC-143-3	Ladish	JL6MJ	N/A	PC1X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC2X	N/A	Replacement	No
IDCN #002 HBC-143-3	Ladish	DY6R	N/A	PC3X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC4X	N/A	Replacement	No
IDCN #002 HBC-143-3	Ladish	DY6R	N/A	PC5X	N/A	Replacement	No

7. Description of Work Remove and replace supply piping to "B" Control Room Chiller.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. 64 °F

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.

(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)

2. Remarks Replacements were performed in accordance with ASME Section XI,
Applicable Manufacturer's Data Reports to be attached
MDCP-5135, Rev. 2, Specification 8031-G-33, Revision 3 and ERRFs L-1312, L-1334,
L-1409, L-1416, L-1495, L-1513, L-1527, L-1535, L-1545, L-1563, L-1579,
L-1591 and L-1648.

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 N/A

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

Signed RE Sheikh Limerick Section
 Owner or Owner's Designee, Title Mechanical Branch Head Date 7/19, 19 89

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 Hartford Steam Boiler Inspection & Insurance
Hartford, Connecticut have inspected the components described

in this Owner's Report during the period 11-14-88 to 7-24-89, 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 Lennig Commissions PA 2497
 Inspector's Signature National Board, State, Province, and Endorsements

Date 24 JULY 1989

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 2 of 5
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Repair Organization P.O. No., Job No., etc.
Pottstown, PA
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN #002 HBC-143-3	Capitol Mfg.	0811	N/A	PC25X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC6X	N/A	Replacement	No
IDCN #002 HBC-143-3	ITT Grinnell Special	GBBZ	N/A	PC7X	N/A	Replacement	No
IDCN #002 HBC-143-3	Bonney Forge	163H	N/A	PC24X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC8X	N/A	Replacement	No
IDCN #002 HBC-143-3	ITT Grinnell Special	GBBZ	N/A	PC9X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	169724	N/A	PC10X	N/A	Replacement	No
IDCN #002 HBC-143-H29	Phoenix Stl	96406	N/A	Lugs	N/A	Replacement	No
IDCN #002 HBC-143-3	ITT Grinnell Welding	APCT	N/A	PC12X	N/A	Replacement	No
IDCN #002 HBC-143-3	ITT Grinnell Welding	APCT	N/A	PC23X	N/A	Replacement	No
IDCN #002 HBC-143-H903	Hub, Inc.	D9023	N/A	Plate	N/A	Replacement	No
IDCN #002 HBC-143-3	LTV Steel	268162	N/A	PC13X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 3 of 5
Name
P.O. Box A, Sanatoga Branch Unit One
Address Pottstown, PA
Repair Organization P.O. No., Job No., etc. PECo
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code 19 * Edition, 1 * Addenda, 1 * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN #002 HBC-143-3	Babcock & Wilcox	OCWV	N/A	PC22X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N053	N/A	PC14X	N/A	Replacement	No
IDCN #002 HBC-143-3	Babcock & Wilcox	OCWV	N/A	PC21X	N/A	Replacement	No
IDCN #002 HBC-143-3	ITV Steel	169724	N/A	PC30X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N053	N/A	PC31X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC15X	N/A	Replacement	No
IDCN #002 HBC-143-3	Babcock & Wilcox	0A0TA	N/A	PC16X	N/A	Replacement	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC17X	N/A	Replacement	No
IDCN #002 HBC-143-3	Ladish	DY6R	N/A	PC18X	N/A	Replacement	No
IDCN #002 HBC-143-3	Colonial Machine	AEP	N/A	PC20X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 14, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 4 of 5
Name
P.O. Box A, Sanatoga Branch Unit One
Address Pottstown, PA
Repair Organization P.O. No., Job No., etc. PECo
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
 * See Specification 8031-P-360 Rev. 11
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)
IDCN #002 HBC-143-3	Phoenix Steel	7N067	N/A	PC19X	N/A	Replacement	No
IDCN #004 HBC-143-2	Phoenix Steel	7N067	N/A	PC1X	N/A	Replacement	No
IDCN #004 HBC-143-H33	Hub, Inc.	D9023	N/A	Plate	N/A	Replacement	No
IDCN #004 HBC-143-2	Babcock & Wilcox	0A0TA	N/A	PC2X	N/A	Replacement	No
IDCN #004 HBC-143-2	Phoenix Steel	7P022	N/A	PC3X	N/A	Replacement	No
IDCN #004 HBC-143-2	Babcock & Wilcox	0A0TA	N/A	PC4X	N/A	Replacement	No
IDCN #004 HBC-143-2	Phoenix Steel	7P022	N/A	PC5X	N/A	Replacement	No
IDCN #004 HBC-143-2	Phoenix Steel	7P007	N/A	PC6X	N/A	Replacement	No
IDCN #002 HBC-143-H12	Phoenix Steel	96406	N/A	Lugs	N/A	Replacement	No
IDCN #004 HBC-143-2	ITT Grinnell Special	GBBZ	N/A	PC7X	N/A	Replacement	No
IDCN #004 HBC-143-2	Phoenix Steel	7N053	N/A	PC8X	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date JUNE 14, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 5 of 5
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A, Sanatoga Branch PECo
Address Repair Organization P.O. No., Job No., etc.
Pottstown, PA
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp Not Applicable
Name Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101 Expiration Date Not Applicable
Address
4. Identification of System Emergency Service Water - Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through winter 1981
* See Specification 8031-P-360 Rev. 11
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)
IDCN #004 HBC-143-2	ITT Grinnell Special	GBBZ	N/A	PC9X	N/A	Replacement	No
IDCN #004 HBC-143-2	Phoenix Steel	7PQ22	N/A	PC10X	N/A	Replacement	No
IDCN #004 HBC-143-2	Babcock & Wilcox	QAOTA	N/A	PC11X	N/A	Replacement	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf States	232482	N/A	23	N/A	Replacement	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf States	M641	N/A	25	N/A	Replacement	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf States	232482	N/A	22	N/A	Replacement	No
IDCN #001 SP-HBC-243-E1	Capitol MFG.	M861	N/A	26	N/A	Replacement	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf States	232482	N/A	21	N/A	Replacement	No

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

1. Owner Philadelphia Electric Company Date June 12, 1989
Name
2301 Market St., Phila., PA 19101
Address
2. Plant Limerick Generating Station Sheet 1 of 1
Name
P.O. Box A
Sanatoga Branch, Pottstown, PA
Address
3. Work Performed by Philadelphia Electric Co. Unit One (1) & Common
Name
2301 Market St., Phila., PA 19101
Address
4. Identification of System Emergency Service Water, Specification 8031-M-511
Repair Organization P.O. No., Job No., etc.
PECo Mod 3136
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 - Winter 81.
 *See Specification 8031-P-360, Rev. 11.
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)
FO-11-007B	Colonial Machine Co.	PBX	N/A	Spacer	N/A	Replacement No	

7. Description of Work Replace orifice with full bore spacer.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. 64 °F

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

FORM NIS-2 (Back)

9. Remarks Replacement was performed in accordance with ASME Section XI, Spec.
Applicable Manufacturer's Data Reports to be attached
8031-G-33, MDCP 5136 and Modification Installation Memorandum for Mod 5136.
***NOTE: FO-11-007E was replaced during the First Refueling Outage.

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 N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed RC [Signature] Mark Branch Head Date 5/23, 19 89
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 Hartford Steam Boiler Inspection & Ins. of
Hartford, Connecticut Company have inspected the components described
in this Owner's Report during the period 11-21-88 to 7-26-89, 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 Hendrix Commissions PA 2497
Inspector's Signature National Board, State, Province, and Endorsements
Date 26 JULY 19 89

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

1. Owner Philadelphia Electric Company Date 03/09/89
2301 Market St. Name
Philadelphia, PA 19101 Address
 Sheet 1 of 1
2. Plant Limerick Generating Station Unit Common
P.O. Box A, Sanatoga Branch
Pottstown, PA 19464 MRF #8805182
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
2301 Market St. Name
Philadelphia, PA 19101 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System System 12. Residual Heat Removal Service Water
5. (a) Applicable Construction Code ASME III 19 74 Edition, W' 74 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 through W'81 Addenda. 2nd 4/8/84
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)
2" drain pipe	Quanex Corporation	Heat # 232482	N/A	HBC-91-3E	1987	Replacement	N
2" drain pipe	N/A	N56377	N/A	HBC-91-3E	1973	Replaced	N

7. Description of Work Replace 2" drain piping between header and valve per MRF #8805182 and WI 2310. Replacement piping material is schedule 80 ASME Sect III CI 2 SA-106 GR B
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ *
 Other ☐ Pressure _____ psi Test Temp. _____ °F

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

(12/82)

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* See Remarks

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FORM NIS-2 (Back)

9. Remarks Per ASME Section XI IWD-5223 (d), no hydro-static pressure test is
required due to the fact that the spray header^{which} drain line is
connected to is open ended. Therefore adequate flow during system
operation was observed and is acceptable in lieu of a hydrostatic test.

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 N/A

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

Signed W. Allen AT Date April 10, 19 89
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 PENNA and employed by H.S.B. T+I Co of
HARTFORD, CT have inspected the components described
in this Owner's Report during the period 10-7-88 to 7-13-89, 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 L. Linnair Jr. Commissions PA
Inspector's Signature National Board, State, Province, and Endorsements

Date 7-13, 19 89

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

1. Owner Philadelphia Electric Co. Date June 12, 1989
2301 Market St., Philadelphia, PA 19101 Sheet 1 of 1
Limerick Generating Station Unit One
P.O.Box A, Sanatoga Branch, Pottstown, PA PECo (MDCP-5546)
Philadelphia Electric Co. Type Code Symbol Stamp N/A
2301 Market St., Philadelphia, PA 19101 Authorization No. N/A
Main Steam (System 041) Expiration Date N/A

2. Plant Limerick Generating Station
P.O.Box A, Sanatoga Branch, Pottstown, PA
Philadelphia Electric Co.
2301 Market St., Philadelphia, PA 19101
Main Steam (System 041)
3. Work Performed by Philadelphia Electric Co.
2301 Market St., Philadelphia, PA 19101
Main Steam (System 041)
4. Identification of System Main Steam (System 041)
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with addenda through Winter 1981.
 *See Specification 8031-P-360, Revision 11.
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)
Spool Ident. APE-1MS-LA-19B	Tube Turns	HT # 0060732	N/A	Mech JT# 15	N/A	Replacement	Yes

7. Description of Work Replaced bolting on MSRV spare flange APE-1MS-LA-19B (3 ea. studs SA-193 GR B7 Ht. Code y4; 4 ea. nuts SA-194 GR-2H Ht. Code 5AE).
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ See Remarks
 Other ☐ Pressure 1,000 psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks Three each of 12 studs replaced and four each of 24 nuts replaced.
Post work testing performed by Operations. (Ref.: ST-4-041-950-1)

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 N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed John Ronald C. Shibley ^{Installation} Date 6/20, 19 87
 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 Hartford Steam Boiler Inspection & Ins. of Hartford, Connecticut Company have inspected the components described in this Owner's Report during the period 7/20/89 to 7/20/89 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.

Scott R. Laley Commissions PA 2372
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 7/20 19 89

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

1. Owner Philadelphia Electric Company Date 04/20/89
Name
2301 Market St., Phila, Pa 19101 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit L. G. S. Unit #1
Name
Evergreen & Sanatoga Rds. Phila. Elec. Co. MRF #8901048
P.O. Box A, Sanatoga, PA 19464 Repair Organization P.O. No., Job No., etc.
Address
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St., Phila. PA 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System #047 Control Rod Drive / HCU
5. (a) Applicable Construction Code ASME III 1st 77 Edition, Summer '77 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1st 80 Winter 1981 Addenda
N-308 Code Case
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)
Capscrew CRD	A&G Engr	N/A	N/A	114-42565	1988	Replcmnt	No
Bolting Location							
14-47						Repl 2	
18-11						Repl 1	
22-19						Repl 9	

7. Description of Work Replaced (47) damaged DRD capscrews during CRD change out 1R02.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1000 psi Test Temp. 190 °F Coolant 170°F Metal

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

(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 See attached I.S.I. reports and attached purchase order requirements.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>
Certificate of Authorization No.	<u>N/A</u>
Expiration Date	<u>N/A</u>
Signed <u>William A. Teter</u> Engr in Charge, Maint/I&C Section	Date <u>Aug 1</u> , 19 <u>89</u>
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Pennsylvania</u> and employed by <u>H.S.B. I&I. Company</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>8-4-89</u> to <u>8-4-89</u> , 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.	
<u>Paul Denaut</u> Inspector's Signature	Commissions <u>PA 2497 I+N</u> National Board, State, Province, and Endorsements
Date <u>4 AUG</u> , 19 <u>89</u>	

(12/82)

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

1. Owner Philadelphia Electric Company Date 04/20/89
Name
2301 Market St., Phila., PA 19101 Address
Sheet 2 of 2
2. Plant Limerick Generating Station Unit LGS Unit #1
Evergreen & Sanatoga Rivers.
P.O. Box A, Sanatoga, PA 19464 Address
Phila. Elec. Co. MRF #8901048
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St., Phila., PA 19101 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System #047 Control Rod Drive / HCU
5. (a) Applicable Construction Code ASME III 19 77 Edition, Summer '77 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 W 81 Addenda
N-308 Code Case

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)
26-55						Repl 9	
30-19						Repl 1	
30-27						Repl 8	
30-35						Repl 8	
38-51						Repl 9	

7. Description of Work Replaced (47) damaged CRD capscrews during CRD change out 1R02.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1000 psi Test Temp. 190 °F
Coolant Metal

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

(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 See attached I.S.I. reports and attached purchase order requirements.
Applicable Manufacturer's Data Reports to be 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 N/A

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

Signed William A. Tator Date July 18, 19 89
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, Connecticut have inspected the components described in this Owner's Report during the period 8-4-89 to 8-4-89, 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. Tator Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG 19 89

(12/82)

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

1. Owner Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Date 5/24/89

Sheet 1 of 1

2. Plant Limerick Generating Station
Name
Evergreen & Sanatoga Rd.,
P.O. Box A, Sanatoga, PA 19464
Address

Unit No. 1

(see section 9 remarks)

MRF No. 8804278 Phila Elec Co.
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System System 048 - Standby Liquid Control

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 80, W '81 N-308 Code Case

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)
Parts Kit	Conax	153	N/A	P/N N-27006-01	85	Replacement	No
				114-41554			

7. Description of Work Replaced explosive actuator parts of valve ^{XV} ~~88~~-048-1F004A

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1000 psi Test Temp. Ambient °F

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

(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 Replaced valve parts with kit S/N 153. Primer ass'y is part of Conax
Applicable Manufacturer's Data Reports to be attached
lot no. 1R186C003-D01. The pressure test conducted included the valve flange
that was disassembled to replace the valve parts.

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 N/A

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

Signed William A. Yellon Date 8/1, 19 89
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, Connecticut have inspected the components described
 in this Owner's Report during the period 8-4-89 to 8-4-89, 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 Denney Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG 19 89

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

1. Owner Philadelphia Electric Company Date 5/24/89
Name
2301 Market St., Philadelphia PA 19101 Sheet 1 of 1
Address
2. Plant Limerick Generating Station Unit No. 1
Name
Evergreen & Sanatoga Rd. (see section 9 remarks)
P.O. Box A, Sanatoga, PA 19464 MRF No. 8804279 Phila. Elec. Co.
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St., Philadelphia, PA 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System System 048 - Standby Liquid Control
5. (a) Applicable Construction Code ASME III 19 74 Edition Winter '74 Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, W '81 N-308 Code Case
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)
Parts Kit	Conax	155	N/A	P/N N-27006-01	85	Replacement	No
				114-41554			

7. Description of Work Replaced explosive actuator parts of valve XV-048-1F004B
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1000 psi Test Temp. Ambient °F

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

(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 Replaced valve parts with kit S/N 155. Primer ass'y is part of Conax
lot no. 1R186C003-D01. The pressure test conducted included the valve flange
that was disassembled to replace the valve parts.

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 N/A

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

Signed W. J. A. T. T. T. Date 8 / 1 19 89
Engr in Charge, Maint/I&C Section
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, Connecticut have inspected the components described
in this Owner's Report during the period to 8-4-89 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 K. K. K. K. Commissions PA 2497 I+II
Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG 19 89

(12/82)

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

1. Owner Philadelphia Electric Company Date June 29, 1989
Name
2301 Market St., Philadelphia, PA 19101 Sheet 1 of 1
Address
2. Plant Limerick Generating Station Unit One
P.O. Box A Name
Sanatoga Branch, Pottstown, PA 19464 Philadelphia Electric Co.
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Co. Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market St., Philadelphia, PA 19101 Expiration Date N/A
Address
4. Identification of System Residual Heat Removal (System 051)
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980 with Addenda through Winter 1981,
*See Specification 8031-P-360, Rev. 11. and Code Case N-308
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)
IDCN 001 ECB-111-1-1301	McJunkin	467813	N/A	6" Pipe	N/A	Replacement	No

7. Description of Work Deletion of the Head Spray Mode of the RHR System

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure 61 psi Test Temp. N/A °F

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.

(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 Replacement was performed in accordance with MDCP-5658, Rev. 0 and
ERRF L-1278.
 Applicable Manufacturer's Data Reports to be 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.

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed RC Shibley Installation Maint Date 7/21/87 19 87
 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 Hartford Steam Boiler Inspection & Ins. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 11-18-88 to 8-16-89 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
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 16 AUG 1989

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

1. Owner Philadelphia Electric Company Date June 29, 1989
2301 Market St., Philadelphia, PA 19101
Name Address
 Sheet 1 of 1
2. Plant Limerick Generating Station Unit One
P.O. Box A
Sanatoga Branch, Pottstown, PA 19464
Name Address
Philadelphia Electric Company
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Co.
2301 Market St., Philadelphia, PA 19101
Name Address
 Type Code Symb. stamp N/A
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Residual Heat Removal (System 051)
5. (a) Applicable Code ASME 19 Edition, ASME Addenda, ASME Code Case
 (b) Applicable Code Section XI Utilized for Repairs or Replacements ASME 80 with Addenda through Winter 1981,
 *See Specification 8031-P-360, Rev. 11 and Code Case N-308.
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)
IDCN 001 GCB-101-1-1	McJunkin	467813	N/A	6" Pipe	N/A	Replacement	No
IDCN 001 GCB-101-1-2	Jessop Steel	14257	N/A	1" Thick Plate	N/A	Replacement	No
IDCN 001 GCB-101-1-3	McJunkin	467813	N/A	6" Pipe	N/A	Replacement	No

7. Description of Work Deletion of the Head Spray Mode of the RHR System.

8. Tests Conducted: Hydraulic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 550 psi Test Temp. 81 °F
Flange at FE-51-IN012 Leak Tested per IWA-5211 (a).

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

FORM NIS-2 (Back)

9. Remarks Replacements were performed in accordance with MDCP-5658, Rev. 0,
ERRF's L-1278 and L-1386.
 Applicable Manufacturer's Data Reports to be 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 N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed RE Shultz Installation Head Date 8/7 19 89
 Owner or Owner's Designer, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Pennsylvania and employed by Hartford Steam Boiler Inspection & Ins. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 11-18-88 to 8-16-89 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
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 16 AUG 19 89

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

1. Owner Philadelphia Electric Company Date June 29, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 1 of 1
Name
P.O. Box A Unit One
Sanatoga Branch, Pottstown, PA 19464
Address
3. Work Performed by Philadelphia Electric Co. Type Code Symbol Stamp N/A
Name
2301 Market St., Philadelphia, PA 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Nuclear Boiler (System 041)
5. (a) Applicable Construction Code * 19 * Edition, * Addenda * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with Addenda through Winter 1981, and Code Case N-308.
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) 6" Blind Flange	Liberty Forge	ARIL	N/A	DCA-103-1 Spool 2201	N/A	Replacement	No
(2) 1 1/8" Studs	Cardinal	(B2)	N/A	DCA-103-1	N/A	Replacement	No
(2) 9" Long	Industrial	8075417	N/A	M-2201	N/A	Replacement	No
(8) 1 1/8" Studs	Cardinal	(B2)	N/A	DCA-103-1	N/A	Replacement	No
(8) 7 3/4" Long	Industrial	8075417	N/A	M-2201	N/A	Replacement	No
(7) 1 1/8" Studs	Cardinal	(D1)	N/A	DCA-103-1	N/A	Replacement	No
(7) 7 3/4" Long	Industrial	8075633	N/A	M-2201	N/A	Replacement	No
(24) 1 1/8" Nuts	General		N/A	DCA-103-1	N/A	Replacement	No
(24) Gr. 2H	Electric	7BG08	N/A	M-2201	N/A	Replacement	No

7. Description of Work Deletion of the Head Spray Mode of the RHR System Pressure Testing performed in accordance with LGS
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 1000 psi Test Temp. 187 °F operational hydrostatic test procedures GP-10 and ST-4-041-950-1.

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

FORM NIS-2 (Back)

9. Remarks Replacements were performed in accordance with MDCP-5658, Rev. 0,
ERRF's L-1278, and L-1687. Applicable Manufacturer's Data Reports to be 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 N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed RE [Signature] Installation Work Date 7/81, 19 89
 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 Hartford Steam Boiler Inspection & Ins. of
Hartford, Connecticut have inspected the components described
 in this Owner's Report during the period 11-18-88 to 8-16-89, 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
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 16 AUG 19 89

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

1. Owner Philadelphia Electric Company Date July 5, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Sheet 1 of 1
Name
P.O. Box A
Sanatoga Branch, Pottstown, PA 19464
Address Unit One
3. Work Performed by Philadelphia Electric Co. Philadelphia Electric Co.
Name Repair Organization P.O. No., Job No., etc.
2301 Market St., Philadelphia, PA 19101
Address Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
4. Identification of System Containment Atmosphere Control (System 057)
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with Addenda through Winter 1981.
*See Specification 8031-P-360, Revision 11
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)
IDCN 004 SP-HCB-116-J3	Sandvik	465106	N/A	2" Pipe PC 45	N/A	Replacement	No

7. Description of Work Cut-out and rotate valve 57-1088 to reverse flow direction.
10CFR50 Appendix J LLRT
per LGS Procedures
ST-1-LLR-541-1 Rev. 3 and
SP-LR-007 Rev. 0
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 44.3 psi Test Temp. N/A °F
& 45.8

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

FORM NIS-2 (Back)

9. Remarks Replacements were performed in accordance with MDCP-5730 Revision 1 and
ERRF L-1316.
 Applicable Manufacturer's Data Reports to be 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.

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed RE Shaulsky Installation Work Branch Head Date 7/31, 19 89
 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 Hartford Steam Boiler Insurance & Insp. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3-15-89 to 8-2-89, 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 Menair Jr. Commissions PA 2497 I+N
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 2 AUG 19 89

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

1. Owner Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station
Name
P.O. Box A
Sanatoga Branch, Pottstown, PA 19464
Address
3. Work Performed by Philadelphia Electric Co.
Name
2301 Market St., Philadelphia, PA 19101
Address
- Date July 5, 1989
Sheet 1 of 1
Unit One
Philadelphia Electric Co.
Repair Organization P.O. No., Job No., etc.
- Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
4. Identification of System Containment Atmosphere Control (System 057)
5. (a) Applicable Construction Code * 19 * Edition, 80 with Addenda through winter 1981
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 *
- * See Specification 8031-P-360, Rev. 11
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)
IDCN 002	Quanex			2" Pipe		Replace-	
SP-HBB-127-E1	Gulf States	232482	N/A	PC 902	N/A	ment	No
IDCN 002				2" Valve		Replace-	
SP-HBB-127-E1	Kerotest	AFB1-14	N/A	57-1807	1987	ment	Yes
IDCN 002	Capitol			2" Red. Tee		Replace-	
SP-HBB-127-E1	Mfg.	R84R	N/A	PC 906	N/A	ment	No

7. Description of Work Install additional block valve and test tap.
10CFR 50 Appendix J LLRT per LGS Procedures ST-1-LLR-232-1 Rev. 4 and SP-IR-008 Rev. 0
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 46.8 psi Test Temp. N/A °F
46.2

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

FORM NIS-2 (Back)

Replacements were performed in accordance with MDCP-5730 Revision 1.

9. Remarks _____
Applicable Manufacturer's Data Reports to be 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 _____

Certificate of Authorization No. _____

Expiration Date _____

Signed _____
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 Hartford Steam Boiler Inspection & Insurance Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3-15-89 to 8-2-89, 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. Stewart
Inspector's Signature

Commissions _____

PA 2497 I+N
National Board, State, Province, and Endorsements

Date 2 AUG 19 89

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

1. Owner Philadelphia Electric Company Date July 5, 1989
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 1
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box A
Sanatoga Branch, Pottstown, PA 19464 Philadelphia Electric Company
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Co. Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market St., Philadelphia, PA 19101 Expiration Date N/A
Address
4. Identification of System Containment Atmosphere Control (System 057)
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 with Addenda through Winter 1981.
*See Specification 8031-P-360, Revision 11
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)
..IDCN 002				2" Valve		Replace-	
SP-HBB-128-E1	Kerotest	A0B2-7	N/A	#57-1810	1987	ment	Yes
IDCN 002	Capitol			2" Red.Tee		Replace-	
SP-HBB-128-E1	MFGR.	R84R	N/A	PC #807	N/A	ment	No

7. Description of Work Install additional block valve and test tap.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 44.9 psi Test Temp. 8 46.1 °F

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

FORM NIS-2 (Back)

9. Remarks Replacements were performed in accordance with MDCP-5730 Rev. 1.
ERRF's L1637 and L-1659.
 Applicable Manufacturer's Data Reports to be 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 N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed KE Shelby Grant Head Date 7/31 19 89
 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 Hartford Steam Boiler Inspection & Insurance
Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3-15-89 to 8-2-89, 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 Denair Jr. Commissions PA 2497 I+N
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 2 AUG 19 89

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

1. Owner Philadelphia Electric Company Date 4/25/89
2301 Market Street
Philadelphia, PA 19101 Address Sheet 1 of 1
2. Plant Limerick Generating Station Unit Common
Evergreen and Sanatoga Roads
P.O. Box A, Sanatoga, PA 19464 Address MRF #8708090 Phila.Elec.Co.
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
2301 Market Street Name Authorization No. N/A
Philadelphia, PA 19101 Address Expiration Date N/A
4. Identification of System System 90, Control Room Chiller
5. (a) Applicable Construction Code ASME III 19 83 Edition, S'85 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 Winter 1981 Addenda
N-308 Code Case
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 1/2" Pipe to Fitting Weld	N/A	N/A	N/A	Weld #W701 on Drawing SP-HBD-71-F1, Rev. 7	N/A	Replacement No	
1 1/2" SA106 GrB	N/A	N/A	N/A	PC. No. 13		Replaced	No
Pipe Spool	Louis P. Canuso, Inc.	N/A	N/A	PC. No. 1311		Replacement No	
				HT.No.43027			

7. Description of Work Repair of weld on 1 1/2" service water line, and replaced PC #13 (1 1/2" pipe) on drawing. SP-HBD-71-F1, Rev. 7
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 132(+5) psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

8. Remarks Weld #701L1 performed to facilitate replacement of 3/4" solenoid valve
Applicable Manufacturer's Data Reports to be attached
(exempt per MA-29) on OB-K112 Control Room Chiller oil cooler service
water line, as stated in attached Section XI repair evaluation report.
Fit-up also included replacement of 1 1/2" pipe spool.

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 N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed W. J. A. Pitter Eng. in Charge Maint. #76C Date 4/25, 19 89
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&L Company of
Hartford, Connecticut have inspected the components described
in this Owner's Report during the period 8-4-89 to 8-4-89, 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 L. Lantz Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements
Date 4 AUG 19 89

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

1. Owner Philadelphia Electric Company Date July 19, 1989
2301 Market St. Philadelphia, PA 19101 Sheet 1 of 22 3 WAT 8/1/89
Name Address
2. Plant Limerick Generating Station Unit One
Evergreen and Sanatoga Rds. P.O. Box A Phila. Elec. Co.
Sanatoga, PA 19464 See line 9 (sheet 1, back)
Name Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
2301 Market St. Philadelphia, PA 19101 Authorization No. N/A
Name Address Expiration Date
4. Identification of System Snubbers, System 103
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, Winter 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980 Edition, Winter 1981 Addenda, N-308 Code Case
 * Material: ASME III 1977 Edition, Winter 1977
6. Identification of Components Repaired or Replaced and Replacement Components

INDEX	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	PSA 1/4 Snubber	Pacific Scientific	20656	None	DCA-185-E01-H002		Replaced	Yes
	PSA 1/4 Snubber	Pacific Scientific	20667	None	DCA-185-E01-H002	'81	Replacement	Yes
2	PSA 1/2 Snubber	Pacific Scientific	14480	None	DEB-110-E07-H010		Replaced	Yes
	PSA 1/2 Snubber	Pacific Scientific	16489	None	DEB-110-E07-H010	'82	Replacement	Yes

7. Description of Work Replacement of snubbers in accordance with MRF No's listed on line 9.

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 is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks Manufacturer's NF-1 Data Reports attached for Index items 1 thru 4 and 6 thru 15. Certificate of Compliance attached for Index item 5.

Note: ASME code stamp not required per spec. 8031-P-317, para. 8.2.8.

Index	MRF No.	Index	MRF No.	Index	MRF No.
1	8901931	6	8900931	11	8901272
2	8900785	7	8900663	12	8901367
3	8902178	8	8901320	13	8901362
4	8900293	9	8901378	14	8901474
5	8901946	10	8901248	15	8900943

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.

Type Code Symbol Stamp N/A

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

Engr. in Charge Maint./I&C

Signed William A. Yester Date July 19, 19 89

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, Connecticut

have inspected the components described in this Owner's Report during the period to 8-4-89, 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+
National Board, State, Province, and Endorsements

Date 4 AUG 19 89

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

1. Owner Philadelphia Electric Company Date July 19, 1989
Name
2301 Market St. Philadelphia, PA 19101 Sheet 2 of 28 3 WAT 8/1/89
Address
2. Plant Limerick Generating Station Unit One
Name
Evergreen and Sanatoga Rds. P.O. Box A Phila. Elec. Co.
Sanatoga, PA 19464 See line 9 (sheet 1, back)
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St. Philadelphia, PA 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Snubbers, System 103
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, Winter 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repair or Replacements 1980 Edition, Winter 1981 Addenda,
* Material: ASME Sect. III 1977 Edition, Winter 1977 N-308 Code Case
6. Identification of Components Repaired or Replaced and Replacement Components

INDEX	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)
3	PSA- 1 Snubber	Pacific Scientific	19949	None	DCA-113-E02-H001		Replaced	Yes
	PSA- 1 Snubber	Pacific Scientific	19843	None	DCA-113-E02-H001	'82	Replacement	Yes
4	PSA- 1 Snubber	Pacific Scientific	9738	None	DEB-112-H004		Replaced	Yes
	PSA- 1 Snubber	Pacific Scientific	19873	None	DEB-112-H004	'82	Replacement	Yes
5	PSA- 3 Snubber	Pacific Scientific	14079	None	GBB-118-H056(A)		Replaced	Yes
	PSA- 3 Snubber	Pacific Scientific	21205	None	GBB-118-H056(A)	'82	Replacement	Yes
6	PSA- 10 Snubber	Pacific Scientific	7993	None	EBB-129-H005(B)		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17520	None	EBB-129-H005(B)	'86	Replacement	Yes
7	PSA- 10 Snubber	Pacific Scientific	9282	None	GBB-112-H041		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17515	None	GBB-112-H041	'86	Replacement	Yes
8	PSA- 10 Snubber	Pacific Scientific	7667	None	GBB-119-H041(A)		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17569	None	GBB-119-H041(A)	'87	Replacement	Yes
9	PSA- 10 Snubber	Pacific Scientific	9998	None	GBB-120-H008(B)		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17407	None	GBB-120-H008(B)	'86	Replacement	Yes

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

1. Owner Philadelphia Electric Company
Name
2301 Market St. Philadelphia, PA 19101
Address

2. Plant Limerick Generating Station
Name
Evergreen and Sanatoga Rds. P.O. Box A
Sanatoga, PA 19406
Address

3. Work Performed by Philadelphia Electric Company
Name
2301 Market St. Philadelphia, PA 19101
Address

Date July 19, 1989

Sheet 3 of XX 3 WAT 8/1/89

Unit One
Phila. Elec. Co.
See line 9 (sheet 1, back)
Repair Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Snubbers, Sytem 103

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, Winter 1971 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 Edition, Winter 1981 Addenda,

* Material: ASME Sect. III 1977 Edition, Winter 1977 N-308 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

INDEX	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)
10	PSA- 10 Snubber	Pacific Scientific	1857	None	GBB-102-H003		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17518	None	GBB-102-H003	'86	Replacement	Yes
11	PSA- 10 Snubber	Pacific Scientific	12436	None	GBB-120-H007(B)		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17480	None	GBB-120-H007(B)	'86	Replacement	Yes
12	PSA- 10 Snubber	Pacific Scientific	12470	None	GBB-119-H097		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17548	None	GBB-119-H097	'87	Replacement	Yes
13	PSA- 10 Snubber	Pacific Scientific	1854	None	EBB-131-H004		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17347	None	EBB-131-H004	'86	Replacement	Yes
14	PSA- 10 Snubber	Pacific Scientific	7998	None	HBB-119-H001		Replaced	Yes
	PSA- 10 Snubber	Pacific Scientific	17343	None	HBB-119-H001	'86	Replacement	Yes
15	PSA- 35 Snubber	Pacific Scientific	6362	None	GBC-101-H081		Replaced	Yes
	PSA- 35 Snubber	Pacific Scientific	7599	None	GBC-101-H081	'81	Replacement	Yes

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

1. Owner Philadelphia Electric Company Date June 12, 1989
Name
2301 Market St., Philadelphia, Pa 19101 Sheet 1 of 1
Address
2. Plant Limerick Generating Station Unit One
Name
Evergreen & Sanatoga Rds. P.O. Box A Mrf No. 8900835 Phila.Elec.Co.
Sanatoga, Pa 19464 Repair Organization P.C. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St., Philadelphia, Pa 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Snubbers, System 103
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 1980 Edition, Winter 1981 Addenda, N-308 Code Case
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)
End Cap Nut	Pacific Scientific	114-74190	None	Snubber S/N 6698	1980	Replacement	Yes

7. Description of Work End Cap Nut replaced on Snubber S/N 6698 per MRF No. 8900835.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure N/A psi Test Temp. N/A °F

*Traceability per
Philadelphia Electric Co.
Code No.

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

(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 NF-1 Data Report Attached

Applicable Manufacturer's Data Reports to be 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 N/A

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

Signed William A. Foster Date July 17, 19 89
Owner or Owner's Designee, Title Engr. in Charge Maint./I&C

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 to 8-4-89, 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 Leman Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG 19 89

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

1. Owner Philadelphia Electric Company Date July 19, 1989
Name
2301 Market St., Philadelphia, Pa 19101 Sheet 1 of 1
Address
2. Plant Limerick Generating Station Unit One
Name
Evergreen and Sanatoga Rds. P.O. Box A Phila. Elec. Co.
Sanatoga, Pa 19464 See line 9, sheet one (back)
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St. Philadelphia, Pa 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Snubbers, system 103
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, Winter, 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980 Edition, Winter 1981 Addenda,
N-308 Code Case
6. Identification of Components Repaired or Replaced and Replacement Components

I N D E X	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)
	Adapter Bolt 1 1/2 x 1/2	Pacific Scientific	114-73900	None	GBB-112-H41	N/A	Replacement	No
	Adapter Bolt 2 1/2 x 1/2	Pacific Scientific	114-73900	None	HBB-119-H6	N/A	Replacement	No
	Adapter Bolt 3 1/2 x 1/2	Pacific Scientific	114-73900	None	DCA-101-H11	N/A	Replacement	No
	Adapter Bolt 4 1/2 x 1/2	Pacific Scientific	114-73900	None	GBB-107-H10	N/A	Replacement	No

7. Description of Work Replacement of snubber adapter assembly bolts per MRF No's listed on 1:

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

*Traceability per
Philadelphia Electric Co.
Code No.

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

(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 Reference applicable MRF No's below.

Applicable Manufacturer's Data Reports to be attached			
INDEX	MRF NO.	INDEX	MRF NO.
1	8900663	3	8901501
2	8901478	4	8901309

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.

Type Code Symbol Stamp N/A

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

Signed William A. Yefter Date July 19, 19 89
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of 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 8-4-89 to 8-4-89, 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
 Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG 19 89

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

1. Owner Philadelphia Electric Company Date July 17, 1989
Name
2301 Market St., Philadelphia, PA 19101
Address
2. Plant Limerick Generating Station Unit One
Name
Evergreen and Sanatoga-Rds., P.O. Box A
Sanatoga, PA 19464
Address
Phila. Elec. Co.
See line 9, (sheet 1, back)
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Type Code Symbol Stamp N/A
Name
2301 Market St., Philadelphia, PA 19101
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Snubbers, System 103
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, Winter 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980 Edition, Winter 1981 Addenda,
code case N-308
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 1" x 6 3/4" Load Pin	Bergen Paterson	114-92901	N/A	HBB-119-H2B	N/A	Replacement	No
2 1" x 5 1/8" Load Pin	Bergen Paterson	114-92889	N/A	GBB-118-H67	N/A	Replacement	No
3 1" x 5 1/8" Load Pin	Bergen Paterson	114-92889	N/A	HBB-119-H6	N/A	Replacement	No
4 1" x 5 1/8" Load Pin	Bergen Paterson	114-92889	N/A	GBB-101-H5	N/A	Replacement	No
5 1" x 5 1/8" Load Pin	Bergen Paterson	114-92889	N/A	GBB-107-H17	N/A	Replacement	No

7. Description of Work Replacement of load pins in accordance with MRF No's listed on line 9.

B. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ * Traceability per Philadelphia Electric Co. Code No.
 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 is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Reference applicable MRF No. below

Applicable Manufacturer's Data Reports to be attached					
INDEX	MRF NO.	INDEX	MRF NO.	INDEX	MRF NO.
1	8901477	5	8901252	9	8900938
2	8901317	6	8900289	10	8900938
3	8901478	7	8900808		
4	8901245	8	8901354		

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 N/A

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

Signed W. Allen A. Tenter Date July 12, 19 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of 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 8-4-89 to 8-4-89 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 Renard Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG 19 89

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

1. Owner Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Date July 17, 1989

Sheet 2 of 2

2. Plant Limerick Generating Station
Evergreen and Sanatoga Rds., P.O. Box A
Sanatoga, PA 19464
 Name 5
 Address

Unit One
Phila. Elec. Co.
See line 9, (sheet 1, back)
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

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

4. Identification of System Snubbers, System 103

5. (a) Applicable Construction Code ANSI 831.7 1969 Edition, Winter 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980 Edition, Winter 1981 Addenda,
code case N-308

6. Identification of Components Repaired or Replaced and Replacement Components

[illegible]

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

1. Owner Philadelphia Electric Company
Name
2301 Market St. Philadelphia, Pa. 19101
Address

Date July 19, 1989

Sheet 1 of 1

2. Plant Limerick Generating Station
Name
Evergreen & Sanatoga Rds. P.O. Box A
Sanatoga, Pa. 19464
Address

Unit One

Phila. Elec. Co.
Mrf. No. 8803063

Repair Organization P.O. No., Job No., etc.

3. Work Performed by Philadelphia Electric Company
Name
2301 Market St. Philadelphia, Pa. 19101
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Snubbers System 103

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, Winter 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980 Edition, Winter 1981 Addenda, N-308 Code Case

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" Pipe Clamp with load pin	Bergen Paterson	114-92320	None	EBB-108-H4	N/A	Replacement	No

7. Description of Work Replacement of clamp and load pin per MRF No. 8803063.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure N/A psi Test Temp. N/A *F

*Traceability per
Philadelphia Electric Co.
Code No.

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

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be 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 N/A

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

Signed Eng. in Charge Maint./I&C Date July 19, 19 89
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&L. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 8-4-89 to 8-4-89, 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 H. H. H. Commissions PA 2497 I+N
Inspector's Signature National Board, State, Province, and Endorsements

Date 4 AUG, 19 89

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

1. Owner Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Date June 12, 1989

Sheet 1 of 1

2. Plant Limerick Generating Station
Name
Evergreen and Sanatoga Rd.
P.O. Box A, Sanatoga, PA 19464
Address

Unit One

Mrf No. 8803072 Phila.Elec.Co.
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Philadelphia Electric Company
Name
2301 Market St., Philadelphia, PA 19101
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Snubbers, System 103

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, Winter 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Winter 1981 Addenda,
Code Case N-308

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)
14" Pipe Clamp	Bergen Paterson	114-93177	N/A	EBB-129-H8A	N/A	Replacement	No
Load Pin 1 1/2x 7 3/8	Bergen Paterson	114-92891	N/A	EBB-129-H8A	N/A	Replacement	No

7. Description of Work Replacement of clamp and load pin per MRF No. 8803072.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ * Traceability per
Other ☐ Pressure N/A psi Test Temp. N/A °F Philadelphia Electric
Code No.

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

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be 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 N/A

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

Signed Eng. in Charge Maint./I&C
William A. [Signature]
Owner or Owner's Designee, Title

Date JUNE 12, 19 89

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 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 to 8-4-89, 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]
Inspector's Signature

Commission PA 2497 I+N
National Board, State, Province, and Endorsements

Date 4 AUG 19 89

Summary of Supplement
 ASME Section XI NIS-2
 Owner's Report for Limerick
 Unit #1 Repairs or
 Replacements still to be submitted,
 From September 1, 1987,
 To May 19, 1989

<u>System No.</u>	<u>Description of Work Performed</u>
041	Replacement of (14) MSRVs
	A-S/N 510
	B-S/N 534
	C-S/N 511
	D-S/N 509
	E-S/N 529
	F-S/N 535
	G-S/N 506
	H-S/N 504
	J-S/N 501
	K-S/N 505
	L-S/N 532
	M-S/N 508
	N-S/N 533
	S-S/N 514
041	Replace nipple and union on line HCC-132, MSIV manifold piping.