



LIMERICK GENERATING STATION

8908230165 890815 PDR ADOCK 05000352 PDC PDC 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

System No.	Description of Work Performed
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 5'36, 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-1MS-LA-19B.
047	Replace (47) CRD capscrews during 2nd refuel exchange.

048	Replace explosive actuator parts of valve XV-048-1F064A (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.

1. Owner Philadel	Name		and the second second second	Date June 14			Marian Marian Commen
2301 Market	St., Philade	elphia, PA	19101	Sheet o	5		
	Address Generating	Station		Unit One			
I . V . DUM ES	anch, Pottsto	own, PA 194	64	Philadely	phia E	lectric Co.	
	Philadelph:	la Electric	Co.	Repair Organ		O. No., Job No., 6	tc.
3. Work Performed by	************************************	Name .		Authorization No.			
2301 Market	St., Philade	elphia, PA	19101	Expiration Date			
	Address						
4. Identification of Sy	stem Emergency	y Service W	ater - Sp	ec. 8031-M-5	11		
5. (a) Applicable Con-				*A		*	Code Case
b. (a) Applicable Com	ion of Section XI Ut			s 1980 with ad			ter 1
(b) Applicable con	ion of section At Ot	meed to thepany		Code Case	N-308	turougn wir	iter 1
6. Identification of Co	monnents Repaired	or Renlaced and R	Replacement Co	mponents	N-300.		
b. Identification of Co	mponents repaired						
			National	Other	Year	Repaired, Replaced,	ASME Code Stamped (Yes
Name of Component	Name of Manufacturer	Monufacturer Serial No.	Board No.	identification	Built	or Replacement	or No
IDCN 002						Replace-	No
IBG-145-5	Ledish	JK6BB	N/A	PC31X	N/A	Penlace	No
IDCN 002	Anchor		3 37/4	Valve(30X)	1987	Replace-	No
IBC-145-5	Darling	E-A121-3	11 N/A	11-111113	4-3-64	Replace-	
IDCN 002	Babcock	400261	N/A	PC 29X	N/A	ment	No
HBC-145-5	& Wilcox	400201	27.60	The state of the s		Replace-	
IDCN 002 HBC-145-5	Ladish	JJ6ZA	N/A	PC 28X	N/A	ment	No
IDCN 002	Babcock		-			Replace-	
HBC-145-5	& Wilcox	400874	N/A	PC 36X	N/A	ment	No
7. Description of Wor 8. Tests Conducted:	Hydrostatic CO	Pneumatic N	lominal Operati				
NOTE: Supplemention in items 1 th	arough 6 on this rep	of lists, sketches, ort is included an	or drawings ma each sheet, an	y be used, provided (d (3) each sheet is no	1) size is 8 umbered a	% in. x 11 in., (2) nd the number of	informa- sheets is
(12/82)	This Form (E00	030) may be obta	ined from the O	order Dept., ASME, 3	45 E. 47th	St., New York, N	Y. 10017

FORM NIS-2 (Back)

	Replacements were performed in accordance with ASME Section XI,
	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 conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol StampN/A
	Certificate of Authorization No. N/A Expiration Date N/A Signed RE Shee See Sunch Rend Date 9/1 ~ 19 89
,	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse: Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler Inspection & Inspector for Hartford, CT have inspected the components described to B-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.
	Date 14 AUG 19.89

Contraction of the second seco	DeteJune 14, 1989
1. Owner Philadelphia Electric Company	
Name	Sheet 2 of 5
2301 Market St., Philadelphia, PA 19101	
2. Plant Limerick Generating Station	Unit One
	PECO Repair Organization P.O. No., Job No., etc.
P.O. Box A. Sanatoga Branch	Repair Organization P.O. No., Job No., etc.
Pottstown, PA 3. Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
3. Work Performed by Name	Expiration Date Not Applicable
2301 Market St., Philadelphia, PA 19101	
Address 4. Identification of System Emergency Service Water - 5	Spec. 8031-M-511
4. Identification of System # 19 _# Edition 5. (a) Applicable Construction Code # 19 _# Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement # 10.02 # 10.02 # 10.02 # 11.00 #	80 with addenda through winter 198
the Edition of Section Al William	nts 19
* See Specification 8031-P-360 Rev. 11 * See Specification Repaired or Replaced and Replacement	
Components Repaired or Replaced and Replaced	

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	Babcock	400261	N/A	PC 27X	N/A	Replacemen	e No
HBC-145-5 IDCN 002 HBC-145-5	& Wilcox Babcock & Wilcox	400261	N/A	PC 26X	N/A	Replacemen	No No
IDCN 002		DM6T	N/A	PC25X	N/A	Replacemen	nt No
HBC-145-5 IDCN UO2 HBC-145-5	Ladish Babcock & Wilcox	400261	N/A	PC24X	N/A	Replacemen	No No
IDCN 002 HBC-145-5	Ladish	DM6T	N/A	PC23X	N/A	Replacemen	No.
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC21XA	N/A	Replaceme	n: No
IDCN 002 HBC-145-2	Capitol Mfg.	0933	N/A	PC22X	N/A	Replaceme	n: No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC40X	N/A	Replaceme	n: No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC21X	N/A	A Replaceme	nt No
IDCN 002 HBC-145-2	Ladish	DM6T	N/A	PC20X		A Replaceme	
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC19X		A Replacem	
IDCN 002 HBC-145-2	Ladish	DM6T	N/A	PC18X	N/	A Replacem	ent w

Owner Philadelphia Electric Company	Date June 14, 1989
	Sheet 3 of 5
2301 Market St., Philadelphia, PA 19101	Sheet of
2. Plant Limerick Generating Station	Unit ORS
P.O. Box A, Sanatoga Branch	PECO Repair Organization F.O. No., Job No., etc.
Portstown. PA Address	
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
Address I. Identification of System Emergency Service Water - S	Spec. 8031-M-511
5. (a) Applicable Construction Code # 19 # Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement	Addenda * Code Case
tb) Applicable Edition of Section XI Utilized for Repairs or Replacement * See Specification 8031-P-360 Rev. 11	William Park State Control of the Co
R See Specification busined or Benjaced and Replacement C	Components

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	United State	s • L61108	N/A	PC 17X	N/A	Replacemen	t No
HBC-145-2 IDCN 002 HBC-145-H901	Colonial Machine	PBZ	N/A	Wrapper Plate	N/A	Replacemen	t No
			•				
IDCN 002 HBC-145-7	United State	s 161108	N/A	PC16X	N/A	Replacemen	t No
IDCN 002 HBC-145-2	Tube Forgings	11.72	N/A	PC15X	N/A	Replacemen	t No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC14X	N/A	Replaceme	t No
IDCN 002 HBC-145-2	Tube Forgings	LL70	N/A	PC13X	N/A	Replaceme	t No
IDCN 002 HBC-145-2	Babcock & Wilcox	400261	N/A	PC12X	N/A	Replaceme	nt No
IDCN 002 HBC-145-2	United Stat	L61108	N/A	PC38X	N/A	Replaceme	nt No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A_	PC11X	N/A	Replaceme	t No

1. Owner Philadelphia Electric Company	Date June 14, 1989
1. Over 7	
2301 Market St., Philadelphia, PA 19101	Shest 4 of 5
Plant Limerick Generating Station	Unit One
no no de Company Branch	PECo
P.O. Box A, Sanatoga Branch	Repair Organization P.O. No., Job No., etc.
Pottstown, PA Address Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable
Work Performed by Fill adelphia Diecetta	Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
. Identification of System Emergency Service Water - 5	Spec. 8031-M-511
5. (a) Applicable Construction Code # 19 # Edition	PO with addards through winter
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	is 19 ou with addenda through tracer
* See Specification 8031-P-360 Rev. 11	
A 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	Replacemen	: No
IDCN UÜ2 HBC-145-2	Babcock & Wilcox	400261	N/A	PC32N	N/A	Replacemen	t- No
IDCN 002 HBC-145-2	Tube Forgings	LL70	N/A	PC9X	N/A	Replacemen	t No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PCEX	N/A	Replacemen	t No
IDCN 002 HBC-145-2	Babcock & Wilcox	400250	N/A	PC33N	N/A	Replacemen	t No
IDCN 0U2 HBC-145-2	Babcock & Wilcox	400261	N/A	PC34N	N/A	Replacemen	t No
IDCN 002 HBC-145-2	Tube Forgings	LL72	N/A	PC7X	N/A	Replacemen	t No
IDCN 002 HBC-145-2	United Sta Steel	L21107	N/A	PC6X	N/A	Keplacemen	t No
IDCN 002 HBC-145-2	Tube Forgings	LL70	N/A	PC5X	N/A	Replacemen	t No
					-	-	

	Owner Philadelphia Electric Company	Date June 14, 1989
1.	Owner Mame	
	2301 Market St., Philadelphia, PA 19101	Sheet5 of5
2.	Plant Limerick Generating Station	UnitOne
	C Branch	PECo
	P.O. Box A, Sanatoga Branch	Repair Organization P.O. No., Job No., etc.
	Pottstown, PA Address Flectric Company	Type Code Symbol Stamp Not Applicable
3.	Work Performed by Philadelphia Electric Company	Authorization No. Not Applicable
	2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
	Identification of System Emergency Service Water - S	pec. 8031-M-511
5.	(a) Applicable Construction Code # 19 # Edition	Addenda. * Code Case Addenda through winter 19
	(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	III 19
	* See Specification 8031-P-360 Rev. 11	
	The state of Paragraph of Replaced and Replacement C	omponents

6.	Identification of Component	s Mepaired or Mepiace	and Replacement Compens
			CONTRACTOR OF THE PROPERTY OF

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Papaired, Replaced, or Replacement or No)
Gate Valve	Anchor/ Darling	EA121-2-5	N/A	Valve (4X) 11-1022	1987	Replacement Yes
IDCN 002 HBC-145-3	Ladish	JC6TJ	N/A	PC2X	N/A	Replacement No
IDCN 002 HBC-145-3	Ladish	JC6TH	N/A	PCIX	N/A	Replacement No
IDCN 002 HBC-145-3	Ladish	JC6TH	N/A	PC3X	N/A	Replacement No
IDCN 002 HBC-145-3	Babcock & Wilcox	400874	N/A	PC37X	N/A	Replacement No
IDCN 002 HBC-145-3	Babcock & Wilcox	400874	N/A	PC35X	N/A	Replacement No
					-	
					-	
	A CONTRACTOR AND A PROPERTY AND A PR					

Owner Philade	lphia Electr	ic Company		DateJ	fune 22	, 1989	
2301 Market	St., Philad	elphia, PA	19101	Sheet 1	of4		
Piant Limeric	Addross k Generating x A Name	Station		Unit	One		
			CONTRACTOR OF THE PARTY OF THE				
Sanatoga	Branch, Pot	tstown, PA	19464	AND DESCRIPTION OF THE PARTY OF	THE WATER AND PARTY OF THE PART	ectric Co.	
	Address		•			O. No., Job No.,	etc.
Work Performed by	Philadelphi	a Electric	Co.	Type Code Symbol			
2221 W-1-1	C+ Distant	alabia DA	10101	Authorization No.		N/A N/A	
2301 Market	St., Philad	elphia, ra	19101	Expiration Date		N/A	ORGANIZATION STREET
	Fmerce	ncv Service	Water -	Spec. 8031-N	1-511		
Identification of Sy							
(a) Applicable Con	struction Code	* 19_	* Edition,	*	Addenda,	*	Code Case
(h) Applicable Edit	ion of Section XI Ut	ilized for Repairs of	or Fieblacement	s 19 80 WILL A	Addenda	through w	Turei
*See Spec	ification 80	31-P-360, I	Rev. 11.				
	imponents Repaired			mponents			
Identification of Co	imponents nepaired	or replaced and re	epiacement co				
						Repaired,	ASME Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
IDCN 005					9	Replace-	
HBC-143-2	Ladish	DR6Y	N/A	PC50X	N/A	Market Sandanies and Company of the	No
IDCN 003	Jones &			nor lar	27/4	Replace-	No
HBC-139-1	Laughlin	T68884	N/A	PC51X	N/A	Contractive or the Contractive of the Contractive or the Contractive o	No
IDCN 003		P.116 T	NT / A	PC52X	N/A	Replace-	No
HBC-139-1	Ladish	DW6J	N/A	PUDEN	14/15	Replace-	1
IDCN 003	Jones &	U71839	N/A	PC53XA	N/A		No
HBC-139-1	Laughlin	0/1039	NAME AND ASSOCIATION OF THE PARTY OF THE PAR	and the same of th	and common or other		
			Available of the second				
Description of Wor	Domeste or	analara be	eunnly ni	ning to RHR	pump co	ompartment	unit
Description of Wor	k Kemove at	M Tehrace	BOPPAT PA		diameter de la constante	CANADA CONTRACTOR DE LA	
	Hydrostatic X P	Ale	ominal Operation	o Pressure			
. Tests Conducted:	Other Pressure	165 pei	Test Temp	64 °F			
	Other Pressure	Ds)	Test Territor.	markethause arrestoner.			
	ntal sheets in form t	nd blass alementus d	or drawings ma	be used provided (1) size is B)	6 in. x 11 in., (2)	informa-
tion in items 1 th	rough 6 on this repo	ort is included on	each sheet, and	(3) each sheet is no	imbered an	d the number of	sheets is
recorded at the to	p of this form.						
				oder Dans APME S	45 E 4745	St New York N	Y 10017
12/82)	This Form (E000	30) may be obtain	ned from the O	rder Dept., ASME, 3	45 E. 47tr	St., New York, N.	Y. 10017

FORM NIS-2 (Back)

	Replacements	were perform	ed in accorda	nce with ASM	E Section XI	١,
LIGHTS WHITE	33 Rev. 3, Spe		deservent's Date B	enners to be attached		
L-1529,	L-1532, L-15	33, L-1534, L	-1543, L-1540	6, L-1549, L-	1554, L-1556	5, L-1575
T-1582	L-1590 and L	-1607. The N	PV-1 manufac	turers data r	eports for	the
install	ed valves are	attached.				
		CERTIFI	CATE OF COMPLIA	NCE TOP I DOE MODIT		les of sho
	e certify that the state	ements made in the re	port are correct and t	repair or replaceme	conforms to the ri	ules of the
Type Code	Symbol Stamp	N/A			** / *	
Certificate o	of Authorization No.	N/A - Limerick		iration Date	N/A	
Signed	et Alcile	Mechanica Mechanica	al Branch Hea	Bete	. 1	19
		1				
		CERTIFICA	ATE OF INSERVICE	INSPECTION		and the State
I, the unde	rsigned, holding a vali	d commission issued b	w the National Board	of Boiler and Pressure	nspection &	Ins. of
or Province	of Pennsylvan	and employe	Company	have inspec	ted the componer	
Harti	ord. Connecti	CUL		10_8-2-E	59	ind state the
in this Ow	mer's Report during t of my knowledge ar	the period	as performed examil	nations and taken corr	ective measures des	cribed in thi
to the best	of my knowledge ar	d belief, the Owner f	t the ASME Code Se	ection XI.		
	eport in accordance w	ishes the Inepertor no	or his employer make	es any warranty, expr	essed or implied, or	oncerning th
		the state of the state of the state of	his Champe's Report	Purthermore, neither	file maberies	
examination	ons and corrective manner for	r any personal injury	or property damage o	r a loss of any kind ar	sing from or conne	cted with th
inspection		,	_			
/	1/7	anni C		PA 249	7 I+1	J
-6	Inspector's S	ignature	Commissions	National Board, State	Province, and End	porsements
	2 111	= 10 89				

	June 22, 1989
2301 Market St., Philadelphia, PA 19101	Sheet 2 of 4
2. Plent Limerick Generating Station	Unit One
P.O. Box A, Sanatoga Branch Pottstown, PA Address 3. Work Performed by Philadelphia Electric Company Name 2301 Market St., Philadelphia, PA 19101 Address	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 - S 5. (a) Applicable Construction Code # 19 # Edition	# Addends Code Case
5. (a) Applicable Construction Code # 19 Edition (b) Applicable Edition of Section XI Utilized for Repeirs or Replacement * See Specification 8031-P-360 Rev. 11 6. Identification of Components Repaired or Replaced and Replacement (

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	Jones &		**/4	PC53X	N/A	Replace- ment	No
HBC-139-1	Laughlin	U71839	N/A	Wrapper	11/11	Peplace-	
IDCN 003 HBC-139-H902	Colonial Ma	ch. PCA	N/A	Plate SA106	B N/A	ment Replace-	No
IDCN 003	1 - 4/ ah	DW6J	N/A	PC54X	N/A	ment	No
HBC-139-1 IDCN 003	Jones &		N/A	PC55X	N/A	Replace- ment	No
HBC-139-1 IDCN 003	Laughlin Jones &	T68884	N/A	PC55XA	N/A	Replace- ment	No
HBC-139-1 IDCN 003	Laughlin	T68884	N/A	PC56X	N/A	Replace- ment	No
HBC-139-1 IDCN 003 HBC-139-1	Jones & Laughlin	T68884	N/A	PC72X	N/A	Replace- ment Replace-	No
IDCN 003	Colonial Machine	AEP	N/A	PC103X	N/A	ment	No
HBC-139-1 IDCN 003	U.S.	D03437	N/A	PC104X	N/A	Replace- ment	No
HBC-139-1	Steel Rockwell		N/A	11-1414	N/A	Replace- ment	Ye
Globe Valve	U.S.	WA555 D03437	N/A	PC105X	N/A	Replace-	No
HBC-139-1 IDCN 003	Steel Bonney		N/A	PC106X	N/A	Replace-	No
HBC-139-1 IDCN 003	Forge	CH89	1	PC101X	N/A	Replace-	No
HBC-139-1 IDCN 003 HBC-139-1	Ladish	DW6J DT6T	N/A N/A	PC59X	N/A	Renlace	No

Description of Administration and Administration (control of the Administration of A	June 22, 1989
1. Owner Philadelphia Electric Company Name 2301 Market St., Philadelphia, PA 19101	Sheet 3 of 4
2. Plant Limerick Generating Station	PECo
P.O. Box A, Sanatoga Branch Pottstown, PA Address 3. Work Performed by Philadelphia Electric Company Name 2301 Market St., Philadelphia, PA 19101	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 - 5 5. (a) Applicable Construction Code * 19 * Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement * See Specification 8031-P-360 Rev. 11	nts 19 80 with addenda through winter 19

				Daniscari	and	Replacement Components	
6.	Identification of	Components	Mepaired or	Hebiteco		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)
						Replace-	
DCN 003 HBC-139-1	Jones & Laughlin	U71839	N/A	PC60X	N/A	ment	No

IDCN 003	Jones & Laughlin	U71839	N/A	PC73X	N/A	Replace- ment	No
HBC-139-1	Laughtin						
IDCN 003	Jones &		N/A	PC72XA	N/A	Replace- ment	No
HBC-139-1	Laughlin	U71839	N/N			Replace-	No
IDCN 003	Ladish	DT6T	N/A	PC61X	N/A	ment Replace-	NO
HBC-139-1 IDCN 003	Jones & Laughlin	U71839	N/A	PC62X	N/A	ment	No
HBC-139-1	Laught				1		
IDCN 003	Jones &	***********	N/A	PC62XA	N/A	Replace- ment	No
HBC-139-1	Laughlin	U71839	11/25		1	Replace-	No
IDCN 003	Ladish	DW6S	N/A	PC63X	N/A	ment Replace-	
HBC-139-1 IDCN 003	Ladish	DW6S	N/A	PC64X	N/A	1	No
HBC-139-1 IDCN 003	Jones &	AND DESCRIPTION OF THE PERSONS ASSESSMENT OF	27./4	PC65X	N/A	ment	No
HBC-139-1	Laughlin	U71839	N/A	1000%	1	Replace-	1
IDCN 003	Jones & Laughlin	U71839	N/A	PC65XA	N/A	Replace-	No
HBC-139-1 IDCN 003 HBC-139-1	Ladish	BU6D	N/A	PC66X	N/A		No

1.	Owner Philadelphia Electric Company	DeteJune 22, 1989
	2301 Market St., Philadelphia, PA 19101	Sheet 4 of 4
2.	Plant Limerick Generating Station	Unit One
		PECo
	P.O. Box A, Sanatoga Branch	Repair Organization P.D. No., Job No., stc.
	Pottstown, PA Address	
	Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable
۵.	Name Name	Authorization No. Not Applicable
	2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
		0021 W 511
4.	Identification of System Emergency Service Water - S	pec. 8031-M-511
	(a) Applicable Construction Code # 19 * Edition	* Addends, * Code Case
5.	(a) Applicable Construction Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	19 80 with addenda through winter 198
	(b) Applicable Edition of Section XI Utilized for Repairs of Replacement	II I Parameter Marie Mar
	* See Specification 8031-P-360 Rev. 11	
		amagazati.

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	Replace- ment	No
IDCN 003 HBC-139-1	Ladish	DW6J	N/A	PC71X	N/A	Replace- ment Replace-	No

IDCN 003 HBC-139-1	Jones & Laughlin	U71839		N/A	PC67X	N/A	Replace- ment	No
IDCN 003 HBC-139-1 IDCN 003 HBC-139-1 IDCN 003 HBC-139-1	Ladish Jones & Laughlin Tube Forgings	DW6J T68884 NN25		N/A N/A	PC71X PC68X PC69X	N/A N/A	Replace- ment Replace- ment Replace- ment	No No
IDCN 003 HBC-139-1	Ladish	ЈК6ВВ		N/A	PC70X	N/A	Replace- ment	No
Gate Valve	Anchor Darling	E-A121-2-	-7	N/A	11-1014B	1987	Replace- ment	Yes
IDCN 003 HBC-139-1	U.S. Steel	L21107		N/A	PC75X	N/A	Replace- ment	No
Gate Valve	Anchor Darling	E-A121-2-	9	N/A	11-1014D	1987	Replace- ment	Yes
IDCN 001 HBC-148-1	Ladish	DM6T		N/A	PC1301X	N/A	Replace- ment	No
IDCN 001 HBC-148-1	U.S. Steel	L21107		N/A	PC1302X	N/A	Replace- ment	N
Gate Valve	Anchor Darling	E-A121-2-	4	N/A	11-1018D	1987	Replace- ment	Ye
Gate Valve	Ancher	E-A121-1-		N/A	11-1018B	1987	Replace- ment	Ye
IDCN 003 BC-139-1	Jones &	T68884		N/A	PC102X	N/A	Replace- ment	N

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DWDBT		c compens		inteJune	21, 1	Acordo shacan seema no	
211111	ohia Electri	energia remanda de la como en el					
2301 Market S	St., Philade	elphia, PA	19101 s	heet of_	12		
		Ctation		Init One			
	Generating	Station					
P.O. Box	Branch, Pot	tetawn. PA	19464 _	Philadelph:	ia Ele	ctric Co.	
Sanatoga	Address	CESCOWN, 111				. No., Job No., et	
Work Performed by	philadelnhi	a Electric	Co.	Type Code Symbol S	tamp	N/A	
Work Performed by	I III I I I I I I I I I I I I I I I I	Name		Authorization No		_ N/A	***************************************
2301 Market	St. Philade	elphia, PA	19101	Expiration Date		N/A	
2301 Flatket	Acidress						
	Emerg	ency Servic	e Water -	Spec. 8031-	M-511		
Identification of Syste	1111						Carlo Can
(a) Applicable Constr		* 19	* Edition,_	* Ac	ddenda,	*	Loge Ces
(a) Applicable Constr (b) Applicable Edition	- (Service VI Ltd	lived for Repairs O	Repiscements	19 80 with Ad	denda	through with	urer ,
(b) Applicable Edition	n of Section At Oth	21 - D - 360 P	evision 1	1 and	d Code	Case N-308	,
*See Speci	fication ou	31-1-300, 1	FATUTOU .				
Identification of Com	ponents Repaired o	or Replaced and Re	placement Com	ponents			
							ASME Code
						Repaired,	Stamper
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, or Replacement	or No)
Component	Name of Manufacturer	The state of the s	Board				
Component DCN 002	Manufacturer	Serial No.	Board No.			or Replacement	
DCN 002 BC-152-1		The state of the s	Board	Identification	Built	or Replacement	or No)
DCN 002 BC-152-1 DCN 002	Manufacturer	Serial No.	No.	Identification	Built	Replace- ment Replace-	or No)
DCN 002 BC-152-1 DCN 002 BC-152-1	Manufacturer Ladish Ladish	Serial No.	Board No.	PC1X	Built N/A	Replace- ment Replace-	No.
DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 002	Ladish Ladish Phoenix	DZ6S DZ6S	N/A N/A	PC1XA	Built N/A	Replace- ment Replace- ment Replace- ment Replace-	or No)
DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 002 BC-152-1	Manufacturer Ladish Ladish	Serial No.	No.	PC1X	N/A.	Replace- ment Replace- ment Replace- ment Replace- ment Replace-	No No
DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 002 BC-152-1	Ladish Ladish Phoenix Steel	DZ6S DZ6S 7N094	N/A N/A	PC1XA	N/A.	Replace- ment Replace- ment Replace- ment Replace- ment Replace-	No.
DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 002 BC-152-1 DCN 006 BC-143-2	Ladish Ladish Phoenix	DZ6S DZ6S	N/A N/A	PC1X PC1XA PC25X	N/A N/A N/A	Replace- ment Replace- ment Replace- ment Replace- ment Replace- ment Replace-	No No No
	Ladish Ladish Phoenix Steel	DZ6S DZ6S 7N094	N/A N/A	PC1X PC1XA PC25X	N/A N/A N/A	Replace- ment Replace- ment Replace- ment Replace- ment Replace- ment Replace-	No No No

FORM NIS-2 (Back)

	Replacements were performed in accordance with ASME Section XI,
Remarks R	Applicable Manufacturer's Data Reports to be attached
	Applicable Manufacturer's Data Reports to De attack. Applicable Manufacturer's Data Reports to
MDCP-5134	Rev. 1. Specification 8031-G-33, Revision 5, 22
h. Million Market and Committee of the C	7 1565 1-1571 1-1572
T-1/00 T	L-1515, L-1531, L-1547, L-1551, L-1564, L-1565, L-1571, L-1572,
1-14001	17.1/10
1	L-1578, L-1580, L-1581, L-1593, L-1595, L-1598, L-1604, and L-1610.
1-15/0. 1	L-1578, L-1580, L-1581, L-1593, L-1595, L-1595, L-1576, L-1576, L-1580, L-1581, L-1593, L-1595, L-1595
The NPV-	1 manufacturers data representation
	TO COMPLIANCE
	CERTIFICATE OF COMPLIANCE
We o	certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, S	
Adding on the	
	The I Stamp
Type Code Sy	mbol Stamp N/A N/A
	N/A Expiration Date
Certificate of	Authorization No. Franta Marken Mark
0	- 11 1. A 1 Nond Date 7/7' 190
Signed	A Pasionee Yitle
Owi	ner or Owner's Ocean-
ACCRECATE TO A STREET WAS A STREET OF THE ST	THE PROPERTION
	CERTIFICATE OF INSERVICE INSPECTION
I she undersi	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspection and the State Pennsylvania and employed by Hartford Steam Boiler Inspection & Insur- have inspected the components described
1, the underst	Pennsylvania and employed by Hartiord Steam Delicated the components described
AND ASSESSMENT OF THE PARTY OF	1/-//
in this Owne	er's Report during the period
to the best o	of my knowledge and belief, the ASME Code Section XI.
Owner's Rep	port in accordance with the requirements of the ASME Code, Section XI.
By signin	nort in accordance with the requirements of the Admit South Report Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the significance neither the Inspector nor his employer. Report Furthermore, neither the Inspector nor his employer
evaminations	s and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employers and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employers and corrective measures described in this Owner's Report.
shall be liabl	s and corrective measures described in this Owner's Report. Furthermore, and kind arising from or connected with this lie in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this lie in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.	1
inspection.	1) 01 · // 2497 T+N
	Que Nettonal Commissions National Coard, State, Province, and Endorsements
	Inspector's Signature National Coard, State,
	11 AUG 19 89
Date	

1.	Owner Philadelphia Electric Company	DeteJune 21, 1989
	2301 Market St., Philadelphia, PA 19101	Sheet2 of12
2.	Plent Limerick Generating Station	Unit One
		PECO Repair Organization F.O. No., Job No., etc.
	P.O. Box A, Sanatoga Branch	Repair Organization F.O. No., Job No., etc.
	Portstown, PA Address	Type Code Symbol Stamp Not Applicable
3.	Work Performed by Philadelphia Electric Company	Authorization No. Not Applicable
	2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
	Address	
4	Identification of System Emergency Service Water - 5	pec. 8031-M-511
	(a) Applicable Construction Code # 19 # Edition.	
5.	(a) Applicable Construction Code	en 80 with addends through winter 1981
	(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	is the property and and and a thirty the
	* See Specification 8031-P-360 Rev. 11	
6	Identification of Components Repaired or Replaced and Replacement Co	omponents

6.	Identification of Components	Repaired or	Replaced	and Replacement	Components
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Neme of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yoar Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yas or No)
IDCN 002	Babcock &		N/A	PC 2X	N/A	Replacemen	No.
HBC-141-4	Wilcox	400873	N/A	TC ZA	PA S R.P.	minute and a second sec	
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 3X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 4X	N/A	Keplacemen	t No
IDCN 002 HBC-141-H11	Dubose Stee	194304-26	N/A	Welded Attch	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 4XA	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 5X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	нив	987BN	N/A	PC 21X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 6XA	N/A	Replacemen	L No
IDCN 002	Babcock 6	40072	27.7.6	50V	N/A	Replacemen	t No
IDCN 002	Babcock & Wilcox	400873	N/A	6X	N/A	Replacemen	
HBC-14)	Wilcox Babcock &	400873 400873 W8928	N/A N/A	50X 6X PC 7X	N/A N/A	Replacement Replacement Replacement	t No

1. Owner Philadelphia Electric Company	Date June 21, 1989
	Sheet 3 of 12
2301 Market St., Philadelphia, PA 19101	
2. Plant Limerick Generating Station	Unit One
	PECO Repsit Crounisation P.O. No., Job No., etc.
P.O. Box A, Sanatoga Branch	
Pottstown, PA Address Pottstown, PA Address 3. Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable
3. Work Performed by Fill adelphia Dietra	Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
4. Isentification of System Emergency Service Water - !	Spec. 8031-M-511
4. Isentification of System Emergency Service Bucci	and the control of th
S. (e) Applicable Construction Code # 19 # Edition	Addende
(a) Applicable Construction Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ou 19 80 with addenda through winter 19
(b) Applicable Edition of Section XI Utilized for Repairs of Figure 11	
* See Specification 8031-P-360 Rev. 11	Composests

6.	Identification of	Components	Repaired or	Replaced an	d Replacement	Computents
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Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Cocie Stemped (Yes or No)
IDCN 002 IBC-141-4	Babcock & Wilcox	400873	N/A	PC 8XA	N/A	Replacemen	t No
TDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 8X	N/A	Replacemen	t No
IDCN 002 HBC-I41-4	Tube Turn	W8928	N/A	PC 9X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacemen	t No
IDCN 002 HBC-141-H17	Dubose Steel	84136-26	N/A	Welded Attachmt.	N/A	Replacemen	t. No
IDCN 002 HBC-141-4	Ladish	DW6A	N/A	PC 11X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC12X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Ladish	DX6B	N/A	PC 13X	N/A	Replaceme	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 14X	N/A	Replaceme	t No
IDCN 002 HBC-161-6	Ladish	DX6R	N/A	PC 15X	N/A	Replaceme	nt No
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 16X	N/A	Replaceme	rt No
Gate Valve	Anchor Darling	E-A121-1	4 N/A	11-1025D	1987	Replaceme	at Ye

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Figure Company	DeteJune_21, 1989
1. Owner Philadelphia Electric Company	Sheet 4 of 12
2301 Market St., Philadelphia, PA 19101 Address 2. Plant Limerick Generating Station	Unit Con
P.C. Box A, Sanatoga Branch	PECO Repeir Organization P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable
3. Work Porformed by Philadelphia PA 19101	Expiration Date Not Applicable
Address Emergency Service Water - S	pec. 8031-M-511
5. (e) Applicable Construction Code # 15 * Edition (b) Applicable Edition of Section XI childred for Repairs or Replacement # See Specification 8031-7-360 Rev. 11	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Dianufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Codo Stamped (Yes e: No)
IDCN 002 HBC-141-4	Babcock & Wilcox	400873	N/A	PC 18X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Tube Turn	W8117	N/A	PC 19X	N/A	Replacemen	t No
IDCN 002 HBC-141-4	Babcock & Wilcox	9LCRC	N/A	PC 20X	N/A	Replacemen	t No
SP-HBC-141-E4 IDCN 002		279602	N/A	PC 25X	N/A	Replacemen	t No
SP-HBC-141-E4 IDCN 002	Quanex Gulf States	279602	N/A	PC 26X	N/A	Replacemen	t No
SP-HBC-141-E4 1DCN 002	Bonney Forge	CB92	N/A	PC 27X	N/A	Replacemen	i No
SP-HBC-141-E4 IDCN 002		СВ92	N/A	PC 28X	N/A	Replacemen	t No

	June 21, 1989
Dwner Philadelphia Electric Company	5 et 12
2301 Market St., Philadelphia, PA 19101	
2. Plant Limerick Generating Station	Unit One
and seneroga Branch	PECO Repelt Organization F.O. No., Job No., etc.
Pottstown, PA Address Pottstown, PA Philadelphia Electric Company Name	Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
4. Identification of System Emergency Service Water - S	Spec. 8031-M-511
	4 Code Case
(b) Applicable Edition of Section ACOUNTED 8031-P-360 Rev. 11	
# See Specification or Components Repaired or Replaced and Replacement	omponents.

Name of Component	Nome of Menufacturer	Munufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replixed, or Replacement	ASME Code Stamped (Yes or No)
IDCN 002	Babcock & Wilcox	400873	N/A	PC 2X	N/A	Replacement	No
HBC-150-4 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	Babcock & Wilcox	400874	N/A	PC 6X	N/A	Replacemen	No
HBC-150-4 IDCN 002	Ladish	DB6U	N/A	PC 7X	N/A	Replacemen	No,
HBC-150-4 IDCN 002	Babcock & Wilcox	400874	N/A	PC 8X	N/A	keplacemen	. No
HBC-150-4 IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 9X	N/A	Replacemen	No
IDCN 002	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacemen	: No
HBC-150-4 IDCN 002 HBC-150-H6	Dubose Steel	94304-26	N/A	Welded Atta	N/A	keplacemen	: No
IDCN 002 HBC-150-4	Babcock &	400874	N/A	PC 10XA	N/A	Replacemen	No.
IDCN 002 HBC-150-4	Ladish	DX6B	N/A	PC 11X	K/A	Replacemen	No.
1DCN 002 HBC-150-4	Babcock & Wilcox	400874	N/A	PC 12X	N/A	Replacemen	No No

DeveJune 21, 1989
Sheet6et
Unit One
PECO Repair Organization F.O. No., Job No., etc.
Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
Expiration Date Not Applicable
Spec. 8031-M-511
on * Addends * Code Come ents 19 80 with addends through winter 191

& Identification of Components Reported of Property		Identification of Components Repaired or Replaced and	Replacement Componen	10
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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	Ladish	DX6B	N/A	PC 13X	N/A	Replacement	No
HBC-150-4	1.80150						
IDCN 002 MBC-150-4	Babcock & Wilcox	400874	N/A	PC 14X	N/A	Replacement	No
IDCN 002 RBC-150-4	Ladish	DX6B	N/A	PC 15X	N/A	Replacement	No
IDCN 002	Babcock &	400874	N/A	PC 16X	N/A	Replacemen	No
RBC-150-4 Gate Valve	Anchor Darling	E-A121-1-	AND DESCRIPTION OF THE PARTY OF	11-1027D	1987	Replacemen	Yes
IDCN 002 HBC-150-4	Babcock & Wilcox	400873	N/A	PC 18X	N/A	Replacemen	No
IDCN 002 HBC-150-4	Tube Turn	W8117	N/A	PC 19X	N/A	Replacemen	No
TDCN 002 HBC-150-4	Babcock & Wilcox	9BVX	N/A	PC 2UX	N/A	Replacemen	No
IDCN 002 SP-HBC-150-E4	Quanex	279602	N/A	PC 21X	N/A	Replacemen	No
(Sheet 1)							

Allindense	
Owner Philadelphia Electric Company	June 21, 1989
2301 Market St., Philadelphia, PA 19101	Sheet7 of
Plant Limerick Generating Station	Unit One
P.O. Box A. Sanatoga Branch Pottstown, PA Address Pottstown, PA Philadelphia Electric Company	PECO Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable
Work Parlormed by Philadelphia, PA 19101	Authorization No. Not Applicable Expiration Date Not Applicable
Emergency Service Water - S	pec. 8031-M-511 * Code Case
(a) Applicable Construction Code # 19 # Edition (b) Applicable Edition of Section X: Utilized for Repairs or Replacement # See Specification 8031-P-360 Rev. 11 Identification of Components Repaired to Replaced and Replacement C	
National Board	Other Year Replaced, (Yes

Name of Component	Name of Manufacturer	Manufacturar Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
IDCN 002			**/*	PC 22X	N/A	Replacement	No
SP-HBC-150-E4	Bonney	CB92	N/A	TU LEA			
(sheet 1)	Forge						
					_		-
74.7			and a females of the second		-	-	-
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the control of the second seco	1						-
AND AND DESCRIPTION OF THE PERSON OF THE PER		AND CONTRACTOR OF THE PARTY NAMED AND ADDRESS OF THE PARTY NAM	21				

Tlactric Company	June 21, 1989
1. Owner Philadelphia Electric Company Name 2301 Market St., Philadelphia, PA 19101	Sheet 8 of 12
2. Plant Limerick Generating Station	Unit One
2301 Market St., Philadelphia, PA 19101	PECO Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable Expiration Date Not Applicable
A Identification of System Emergency Service Water - S	Spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement * See Specification 8031-P-360 Rev. 11	

	Components	Repaired or	Replaced	and	Replacement Components	
THE WEST OF BEHIND DI	PRINGLISH	and bearing an				

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)
IDGN 002	Babcock	400873	N/A	PC 2X	N/A	Replacement	No
HBC-141-2 IDCN 002 HBC-141-2	6 Wilcox Ladish	DX6B	N/A	PC 3X	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 4XA		Replacement	No
IDCN 002 HBC-141-H6	Dubose Stee:	94304-26	N/A	Welded Atta	N/A	Replacement	No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 4X	N/A	Peplacement	No
IDCN 002 HBC-141-7	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	Ladish	DX6B	N/A	PC 7X	N/A	Replacemen	
HBC-141-2 IDCN 002 HBC-141-2	Babcock & Wilcox	400873	A/A	PC 8XA	N/A	Replacemen	No
MARKET MARKET TO THE PROPERTY OF THE PARTY O							
IDCN 002 HBC-141-2	Babcock & Wilcox	409874	N/A	PC8X	N/A	Replacemen	No.
IDCN 002 HBC-141-2	Tube	W8928	N/A	PC9X	N/A	Replacen	: No

	Philadelphia Electric Company	Dete June 21, 1989	
	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	. 0 12	
23	Ol Market St., Philadelphia, PA 19101	Sheet 9 et 12	
2. Plent	Limerick Generating Station	Unit One	
9	.O. Box A, Sanatoga Branch	PECO Repair Organisation P.O. No., Job No., etc.	
-	ottstown, PA Address Ottstown, PA Address Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable	
23	01 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable	
4 1400	address tification of System Emergency Service Water - 5	Spec. 8031-M-511	
		# Andreade # Code Case	
(b)	Applicable Edition of Section XI Utilized for Repair of Asset Sectification 8031-P-360 Rev. 11		981
E teler	stification of Components Repaired or Replaced and Replacement (omponents	

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	Replacemen	. No
IDCN 002 HBC-141-2	Babcock & Wilcox	1LCD	N/A	PC 11X	N/A	Replacemen	t No
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 12X	N/A	Replacemen	t No
IDCN 002 HBC-141-2	Ladish	DX6B	N/A	PC 13X	N/A	Replacemen	t No
IDCN 002 HBC-141-2	Babcock 6 Wilcox	400873	N/A	PC 14X	N/A	Replacemen	t No
IDCN 002 RBC-141-2	1 dish	DX6B	N/A	PC 15X	N/A	Replacemen	t No
IDC21 002 HBC-141-2	Baucock & Wilcox	400873	N/A	PC 16X	N/A	Replacemen	t No
Gate Valve	Anchor	E-A121-1-2	N/A	11-1025B	1987	Replacemen	t Yes
IDCN 002 HBC-141-2	Babcock & Wilcox	400873	N/A	PC 18X	N/A	Replaceme	t No
IDCN 302 HBC-141-2	Tube	w8117	N/A	PC 19X	N/A	Replaceme	nt No
IDCN 002 HBC-141-2	Babcock & Wilcox	9LCRE	N/A	PC 20X	N/A	Replaceme	t No

The state of the company	June 21, 1989
1. Owner Philadelphia Electric Company	
2301 Market St., Philadelphia, PA 19101	Sheet 10 of 12
2. Plent Limerick Generating Station	UnitOne
n o new 4 Sanatoes Branch	PECo
P.O. Box A, Sanatoga Branch Pottstown, PA	Repair Organization F.O. No., Job No., etc.
Pottstown, ra 3. Work Performed by Philadelphia Electric Company Name	
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
4. Identification of System Emergency Service Water -	Spec. 8031-M-511
	# Addands # Code Case
5. (a) Applicable Construction Code # 19 * Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement # See Specification 8031-P-360 Rev. 11	nu 19 80 with addenda through winter 198
6. Identification of Components Repaired or Replaced and Replacement	Components

6.	Identification of Components	Plepaired or	Meplaceo	and replacement	Component

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	279602	N/A	PC 21X	N/A	Replacemen	. No
SP-HBC-141-E2 IDCN 002 SP-HBC-141-E2	Bonney	CB92	N/A	PC 22X	N/A	Replacemen	No No
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		group their necessary and the second	ALL TO SERVICE OF THE				
					-	-	
					-		
				and the second s	-		
					1	1	

1.	Owner Philadelphia Electric Company	DeteJune_21, 1989
2.	Plent Limerick Generating Station	Unit Drue
	P.O. Box A, Sanatoga Branch Pottstown, PA Address Work Performed by Philadelphia Electric Company Name 2301 Market St., Philadelphia, PA 19101 Address	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 - S (a) Applicable Construction Code # 19 # Edition.	# Addends * Code Case
	(a) Applicable Construction Code 18 Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement See Specification 8031-P-360 Rev. 11	

6.	Identification of Components	Mapaires or	Prepraceo	and replacement outper	
				The second secon	ė

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	Ladish	DX6B	N/A	PC 3X	N/A	Replacement	No
HBC-150-2 IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 4X	N/A	Replacement	No
IDCN 002 HBC-150-2	Ladish	DX63	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	Replacemen	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 9X	N/A	Replacemen	No
IDCN 002	Babcock & Wilcox	400873	N/A	PC 10X	N/A	Replacemen	No
HBC-150-2 IDCN CO2 HBC-150-H14	Dubose Ste	e194304-26	N/A_	Welded Atto	N/A	Replacemen	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 11X	N/A	Replacemen	No
IDCN HBC-150-2	Babcock & Wilcox	40873	N/A	PC 12X	N/A	Replacemen	No
IDCN 002 HBC-150-2	Ladish	DX6B	N/A	PC 13X	N/A	Replacemen	No

The second secon	June 21, 1989
9. Owner Philadelphia Electric Company	D416
	Sheet 12 of 12
2301 Market St., Philadelphia, PA 19101	
2. Plant Limerick Generating Station	UnitOne
	PECo
P.O. Box A. Sanatoga Branch	PECO Repair Organization P.O. No., Job No., etc.
The state of the s	Type Code Symbol Stamp Not Applicable
3. Work Performed by Philadelphia Electric Company	Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
	9021 W 511
6. Identification of System Emergency Service Water - 5	Spec. DUST-FI-STA
	# Addends # Code Case
5. (a) Applicable Construction Code # 19 Editor (b) Applicable Edition of Section XI Utilized for Repairs or Replacement	19 80 with addenda through winter 198
and Applicable Edition of Section XI Utilized for Repairs of Replacement	10 10 margath Administra
e can Specification 8031-P-360 Kev. 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	E-A121-1-	N/A	11-1027B	1987	Replacemen	Yes
IDCN 002 HBC-150-2	Babcock & Wilcox	400873	N/A	PC 16X	N/A	Replacemen	No
IDCN 002 HBC-150-2	Tube Turn	W8117	N/A	PC 17X	N/A	Replacemen	No
IDCN 002 HBC-150-2	Tube Turn	W7596	N/A	PC 18X	N/A	Replacemen	No,
IDCN 002 SP-HBC-150-E2	Quanex Gulf States	43035	N/A	PC 19X	N/A	Replacemen	No
IDCN 002 SP-HBC-150-E2	Bonney	СВ92	N/A	PC 20X	N/A	Replacemen	: No
				A Annaham	-		

2301 Market	C+ Dhd lade		10101	1		5	
	Address	lphia, PA	19101	Sheet o	rt	2	
Limeri	lck Generatin	g Station		Unit One			
Plant	Name	6		Unit			
P. O. Box A.	Sanatoga Br	anch, Pott	stown, PA	PEC	A STATE OF THE PARTY OF THE PAR		
ACCUSED AND ADDRESS OF THE SECOND CONTRACT OF THE SECOND	Address			Repair Orga	nizetion P	.O. No., Job No.,	
Work Performed by	Philadelphi	a Electric	Co.	Type Code Symbol	Stamp	Not Applic	
		Ideime		Authorization No.		Not Applic	
2301 Market	St., Philade	lphia, PA	19101	Expiration Date	-	Not Applic	able
	Address		11-1	Cana 8031_M	-511		
Identification of Sy	stem Emerger	cy Service	water -	Spec. 8031-M-	-311	Company and an array to a second second december.	
	struction Code		*	* .	delende	*	Code Cas
(a) Applicable Con	itruction Code	19.	Edition,	- 40 00/+b	Addand	a through k	
(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or replacement	10 assemblyhisterrettingh he d.1	nauciioi		
See Specific	cation 8031-F	-360, Rev.	11.				
Identification of Co	imponents Repaired	or Replaced and R	leplacement Cor	nponents			
Tooming the second				-	-	-	
							ASME
							Code
			Mesional			Repaired,	Stamped
		***************************************	National Board	Other	Year	Replaced,	(Yes
Name of	Name of	Manufacturer Serial No.	No.	Identification	Built	or Replacement	or No)
Component	Manufacturer	Serial No.	140.				
- m. 4000					1		
DCN #002 BC-143-3	Ladish	JL6MJ	N/A	PC1X	N/A	Replacemen	t No
DCN #002	Phoenix						
BC-143-3	Steel	7N094	N/A	PC2X	N/A	Replacemen	t No
DCN #002							
BC-143-3	Ladish	DY6R	N/A	PC3X	N/A	Replacemen	It No
DCN #002	Phoenix						
BC-143-3	Steel	7N094	N/A	PC4X	N/A	Replacemen	IL NO
DCN #002				DOTT	1 11/4	Donlacomo	+ No
BC-143-3	Ladish	DY6R	N/A	PC5X	N/A	Replacemen	IL NO
Description of Wor	k Remove and	replace su	upply pipi	ng to "B" Co	ntrol	Room Chille	er.
200	***************************************						
Tests Conducted	Hydrostetic X P	neumatic N	ominal Operation	g Pressure			
Tests Commercial	Other Pressure	165 psi	Test Temp	64 °F			
	D						
MOTE &	ental sheets in form of	of lies sketches	or drawings may	be used, provided (1) size is B	% in. x 11 in., (2)	informa-
NOTE: Suppleme	rough 6 on this repo	ert is included on	each theet, and	(3) each sheet is no	mbered at	nd the number of	sheets is
recorded at the to	p of this form.						

FORM NIS-2 (Back)

MDCP-	Replacements were performed in accordance with ASME Section Al., Applicable Manufacturer's Data Reports to be attached 5135, Rev. 2, Specification 8031-G-33, Revision 3 and ERRFs L-1312, L-1334
L-140	9, L-1416, L-1495, L-1513, L-1527, L-1535, L-1545, L-1563, L-1579,
L-159	1 and L-1648.
	TO COMPLIANCE
ASME (CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement. Code, Section X1.
Type Co	ode Symbol StampN/A
Certific Signed.	ate of Authorization No. N/A Expiration Date N/A Limerick Section Mechancial Branchote 7/19 19 89 Owner or Owner's Designee. Title Head
or Prov Hart in this to the Owner By	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State vince of Pennsylvania and employed by Hartford Steam Boiler Inspection & Insufational Endowment of Connecticut have inspected the components described to T-24-89, and state that best of my knowledge and billief, the Owner has performed examinations and taken corrective measures described in this is Report in accordance with the requirements of the ASME Code, Section XI. Is signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the nations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer be liable in any menner for any personal injury or property damage or a loss of any kind arising from or connected with this continuous. Page Pa
Date_	24 JULY 19.89

1.	Owner Philadelphia Electric Company	DeteJune 14, 1989
	2301 Market St., Philadelphia, PA 19101	Sheet 2 of 5
2.	Plant Limerick Generating Station	Unit One
	m a Book A Compress Branch	PECo
	P.O. Box A, Sanatoga Branch	Repair Organization P.O. No., Job No., etc.
	Pottstown, PA Address Work Performed by Philadelphia Electric Company	Type Code Symbol Stemp Not Applicable
3.	Work Performed by FRIIAGEIDHIA DIECELLO ON Name	Authorization No. Not Applicable
	2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
4.	Identification of System Emergency Service Water - S	pec. 8031-M-511
5.	(a) Applicable Construction Code # 19 * Edition	as 90 with addends through winter 19
	(a) Applicable Construction Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacement	to 19 OU_ with addenda through winter 1.
	* See Specification 8031-P-360 Rev. 11	
	at the of Comment Renaised or Renlaced and Renlacement C	emponents

Name of Component	Name of Menufacturer	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	Replace- ment	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC6X	N/A	Replace- ment	No
IDCN #002 HBC-143-3	ITT Grinnel Special	GBBZ	N/A	PC7X	N/A	Replace- ment	No
IDCN #002 HBC-143-3	Bonney	163H	N/A	PC24X	N/A	Replace-	No
IDCN #002 HBC-143-3	Phoenix Steel	7N094	N/A	PC8X	N/A	Replace-	No.,
IDCN #002 HBC-143-3	ITT Grinnel Special	GBBZ	N/A	PC9X	N/A	Replace- ment	No
IDCN #002 HBC-143-3	Phoenix Steel	1:6:9724	N/A	PC10X	N/A	Replace- ment	No
IDCN #002 HBC-143-H29	Phoenix Stl	96406	N/A	Lugs	N/A	Replace- ment	No
IDCN #002 HBC-143-3	1TT Grinnel Welding	APCT	N/A	PC12X	N/A	Replace-	No
IDCN #002 HBC-143-3	ITT Grinnel Welding	APCT	N/A	PC23X	N/A	Replace ment	No
IDCN #002	Hub, Inc.	D9023	N/A	Plate	N/A	Replace-	No
HBC-143-H903 IDCN #002 HBC-143-3	LTV Steel	268162	N/A	PC13X	N/A	Replace-	No

20

1. Owner Philadelphia Electric Company	DeteJune 14, 1989
Name	
2301 Market St., Philadelphia, PA 19101	Sheet
2. Plant Limerick Generating Station	Unit One
	PECo
P.O. Box A, Sanatoga Branch	Repair Organization P.O. No., Job No., etc.
TO A MADE OF THE OWNER OWNER OF THE OWNER OWN	Type Code Symbol Stemp Not Applicable
Pottstown, FA Work Performed by Philadelphia Electric Company	Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
Forman Carvice Water - 5	Spec. 8031-M-511
4. Identification of System Emergency Service Water - 5 5. (a) Applicable Construction Code # 19 # Edition	# Addends # Code Case
5. (a) Applicable Construction Code	nu 19 80 with addenda through winter 19
See Special Teachers Renaired 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	Babcock &			ncooy	N/A	Replace-	No
HBC-143-3	Wilcox	OCWV	N/A	PC22X	18/25	Replace-	
IDCN #002	Phoenix	711052	N/A	PC14X	N/A	ment	No
HBC-143-3 IDCN #002	Steel Babcock &	7N053 OCWV	N/A	PC21X	N/A	Replace- ment	No
HBC-143-3 IDCN #002 HBC-143-3	LTV Steel	169724	N/A	PC30X	N/A	Replace- ment	No
IDCN #002 HBC-143-3	Phoenix Steel	7N053	N/A	PC31X	N/A	Replace- ment	No
IDCN #002	Phoenix	7N094	N/A	PC15X	N/A	CARLO AND	No
HBC-143-3 IDCN #002	Steel Babcock & Wilcox	ATOAO	N/A	PC16X	N/A		No
HBC-143-3 IDCM #002	Phoenix Steel	7N094	N/A	PC17X	N/A		No
HBC-143-3 IDCN #002 HBC-143-3	Ladish	DY6R	N/A	PC18X	N/A	Replace- ment	No
and the second second second							1
IDCN #002 HBC-143-3	Colonial Machine	AEP	N/A	PC20X	N/A	Replace- ment	No

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-	The second secon	June 14, 1989
1.	Owner Philadelphia Electric Company Name	Sheet 4 of 5
	2301 Market St., Philadelphia, PA 19101	
2.	Plant Limerick Generating Station Name	Unit One
	P.O. Box A, Sanatoga Branch	PECO Repair Organization P.O. No., Job No., etc.
1.	Pottstown, PA Address Pottstown, PA Address Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable
	2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
	Address Identification of System Emergency Service Water - S	Spec. 8031-M-511
е.		t Addenda Code Case
5.	(a) Applicable Construction Code # 19 Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement * See Specification 8031-P-360 Rev. 11	19_80_with addenda through winter
	* See Specification book and Replaced and Replacement C	Components

	Identification of Compon	its Repaired or Replaced and Replacement Compone	nts
B-	MELLINE DISCUSSION OF SOME		

Name of Manufactures	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Phoenix	7N067	N/A	PC19X	N/A	Replace- ment	No
Phoenix	7N067	N/A	PCIX	N/A	Replace- ment	No
	D9023	N/A	Plate	N/A	Replace-	No
Babcock &	ATOAO	N/A	PC2X	N/A	Replace- ment	No
Phoenix	72022	N/A	PC3X	N/A	ment	No
Babcock &	OAOTA	N/A	PC4X	N/A	ment	No
Phoenix	7P022	N/A	PC5X	N/A	ment	No
Phoenix	7P007	N/A	PC6X	N/A	ment	No
	96406	N/A	Lugs	N/A	ment	No
ITT Grinnel Special	GBBZ	N/A	PC7X	N/A	1	No
Phoenix	7N053	N/A	PC8X	N/A	Replace- ment	N
	Phoenix Steel Phoenix Steel Hub, Inc. Babcock & Wilcox Phoenix Steel Babcock & Wilcox Phoenix Steel Phoenix Steel Phoenix Steel Thoenix Steel Phoenix Stl	Phoenix Steel 7N067 Phoenix Steel 7N067 Phoenix Steel 7N067 Hub, Inc. D9023 Babcock & Wilcox OAOTA Phoenix Steel 7P022 Babcock & Wilcox OAOTA Phoenix Steel 7P022 Phoenix Steel 7P022 Phoenix Steel 7P007 Phoenix Stl 96406 ITT Grinnel Special GBBZ	Name of Manufacturer Serial No. Phoenix Steel 7N067 N/A Phoenix Steel 7N067 N/A Hub, Inc. D9023 N/A Babcock & Wilcox OAOTA N/A Phoenix Steel 7P022 N/A Babcock & Wilcox OAOTA N/A Phoenix Steel 7P022 N/A Phoenix Steel 7P022 N/A Phoenix Steel 7P022 N/A Phoenix Steel 7P007 N/A Phoenix Steel 7P007 N/A Phoenix Steel 7P007 N/A Phoenix Steel 7P007 N/A Phoenix Stl 96406 N/A ITT Grinnel GBBZ N/A	Name of Manufacturer Serial No. Phoenix Steel 7N067 N/A PC19X Phoenix Steel 7N067 N/A PC1X Hub, Inc. D9023 N/A Plate Babcock & Wilcox Phoenix Steel 7P022 N/A PC3X Phoenix Steel 7P022 N/A PC4X Phoenix Steel 7P022 N/A PC5X Phoenix Steel 7P022 N/A PC5X Phoenix Steel 7P022 N/A PC5X Phoenix Steel 7P007 N/A PC5X Phoenix Steel 7P007 N/A PC6X ITT Grinnel Special GBBZ N/A PC7X Phoenix Phoenix	Name of Manufacturer Serial No. Phoenix Steel 7N067 N/A PC19X N/A Phoenix Steel 7N067 N/A PC1X N/A Hub, Inc. D9023 N/A Plate N/A Babcock & Wilcox Phoenix Steel 7P022 N/A PC3X N/A Phoenix Steel 7P022 N/A PC4X N/A Phoenix Steel 7P022 N/A PC5X N/A Phoenix Steel 7P022 N/A PC5X N/A Phoenix Steel 7P022 N/A PC5X N/A Phoenix Steel 7P007 N/A PC6X N/A ITT Grinnel Special GBBZ N/A PC7X N/A Phoenix N/A PC7X N/A Phoenix N/A PC6X N/A Phoenix N/A PC6X N/A Phoenix Steel Phoenix N/A PC7X N/A	Name of Manufacturer Serial No. Phoenix Steel 7N067 N/A PC19X N/A Replacement No. Phoenix Steel 7N067 N/A PC1X N/A Replacement No. Replacement Replacement No. Replacement Replacement

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1. Owner Philadelphia Electric Company	DATE 14, 1989
2301 Market St., Philadelphia, PA 19101	5 of 5
2. Plent Limerick Generating Station	Unit One
P.O. Box A, Sanatoga Branch Pottstown, PA Address	PECO Repeir Organization F.O. No., Job F.D., etc.
3. Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp Not Appl cable Authorization No. Not Applicable
2301 Market St., Philadelphia, PA 19101	Expiration Date Not Applicable
4. Identification of System Emergency Service Water - S	spec. 8031-M-511
5. (a) Applicable Construction Code * 19 * Edition (b) Applicable Edition of Section XI Utilized for Repairs or Replacement * See Specification 8031-P-360 Rev. 11	
e Maridianian of Components Renaired or Registered and Replacement C	Components

Name of Component	Name of Menufacturer	Manufacture: Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
IDCN #604 HBC-143-2	ITT Grinnel Special	GBBZ	N/A	PC9X	N/A	Replace- ment	No.
IDCN #004 HBC-143-2	Phoenix Steel	7P\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N/A	PC10X	N/A	Replace-	No
IDCN #004 HBC-143-2	Babcock & Wilcox	ATOAO	N/A	PCIIX	N/A	Replace-	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf	232482	N/A	23	N/A	Replace- ment	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf	M641	N/A	25	N/A	Replace- ment	No
IDCN #001 SP-HBC-243-E1	Quanex Gulf States	232482	N/A	22	N/A	Replace- ment	No
IDCN #001 SP-HBC-243-E1	Capitol MFG.	M861	N.'A	26	N/A		No
IDCN #001 SP-HBC-243-E1	Quanex Gulf	232482	N/A	21	N/A	Replace- ment	No
and the second s				The second secon			

Owner Philadelphia Electric Company				Date June 12, 1989					
				heet 1 of_	1				
2301 Market	St., Phila.,	PA 19101	MANAGE DE CHEMOSON						
	1you ess			Unit One (1) & Co	mmon			
Plant Limerick	Generating S	tation		Jnit					
P O Box A				PECo M	lod 313	36			
Sanatoga Br	anch, Pottsto	wn, PA	-	Repair Organi	zation P.C). No., Job No., et	c.		
Manual and April 1997	ADDIESD			Type Code Symbol S	tamp	N/A			
Work Performed by	Philadelphia	Electric	,0 ,	Authorization No		N/A			
				Expiration Date		N/A			
2301 Market	St., Phila.,	PA 19101	-						
	Address Stem Emergency		ener Sper	ification 80	31-M-5	11			
Identification of SV	stem Emergency	Service wat	ter, spec	2.1.2.00					
TOOTHER TOO	struction Code			* *	idenda	*	Code Ca		
t 1 to disable from	struction Codetion of Section X1 Util	* 19	Edition,_	PO - Winte	er 81.				
	ication 8031-1						ASME		
Name of	Name of	Manufacturer	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stampe (Yes or No		
Component	Manufacturer	Serial No.	No.	TGETTITICE TO					
	Colonial				N/A	Replacemen	t No		
FO-11-007B	Machine Co.	PBX	N/A	Spacer	14/22				
A									
					-				
							1		
					-		1		
				- CONCORT					
	ork Replace or	ifice with	full bore	e spacer.					
7. Description of W	ork Replace or	ifice with	full bore	spacer.					
7. Description of W	ork Replace of Hydrostatic Other Pressur	rifice with	full bore	e spaceT.					
7. Description of W B. Tests Conducted	Other Pressur	Pneumatic N	ominal Operati	ng Pressure64		PV in x 11 in. (2) inform		
7. Description of W 8. Tests Conducted NOTE: Supple	Other Pressur	Pneumatic N	ominal Operati	ng Pressure64	(1) size is numbered	8½ in. x 11 in., (2 and the number () informof sheets		

FORM NIS-2 (Back)

Remarks Replacement was performed in accordance with ASME Section XI, Spec.
Applicable Manufacturer's Date 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 Teplacement conforms to the rules of the repair or replacement ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A Signed RC Sheet Co. Merch 6 ranh Kendbate 5/23 19 57
Owner or Owner's Designee, Tittle
A STATE OF INDEDVIOR INCRESTION
CERTIFICATE OF INSERVICE INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspection & Ins
1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Macron & Ins. or Province of Pennsylvania and employed by Hartford Steam Boiler Inspection & Ins.
Hartford, Connecticut Company have inspected the components descr
is this Owner's Report during the period 11-21-85 to 1-46-87, and state
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
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
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empleximinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empleximinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empleximinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empleximinations and corrective measures described in this Owner's Report.
inspection.
Inspector's Signature Commissions National Board, State, Province, and Endorsemen
Date 26 JULY 19 89

-								
1.	Owner Philade	St Name	ic Company	-	Date 03/09/	89		-
	2301 Market Philadelphi				Sheet 1	. 1		
	Philadelphi	Address	-	-	Sheet	Df		
	Plant Limerick		Station		Unit Common			
2.	P O ROY A	Sanatogamer	anch	***************************************	Onit -	CALABORATION OF THE PARTY.		
	Pottstown,		all of		MRF #88	05182		
	100000	Address	Marine - and the second second second second	HAR ENGLISHMENT	Repair Orga	inization F	.O. No., Job No.,	etc.
3	Work Performed by	Philadelphia	Electric	Company	Type Code Symbol	Stamp	N/A	
	2301 Market		Name		Authorization No.		N/A	
	Philadelphia	, PA 19101			Expiration Date	-	N/A	
		Address						
4.	Identification of Sys	rem System 12	. Residual	L Heat Ret	noval Service	Water		
		4.63		77	11174		N/A	
5.	(a) Applicable Cons				W /4	Addenda,	Addendo.	Code Case
	(b) Applicable Editi	on of Section XI Uti	lized for Repairs	or Replacemen	ts 19_80	n w 81	Addense.	4/4/24
							^	
6.	Identification of Cor	mponents Repaired o	or Replaced and F	Replacement Co	mponents			
Γ	***************************************							ASME Code
				National			Repaired,	Stamped
-	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes or No)
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	Or NO
						1		
-		Ouenex	Heat #			1		
2	" drain pipe	Quanex Corporation	232482#	N/A	HBC-91-3E	1987	Replacemen	ŧ N
-	11 2	N/A	N56377	N/A	HBC-91-3E	1973	Replaced	N
2	" drain pipe	N/A	NJOJ7:	11/21	1100 71 72	1		
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_							-	-
						1		
_	MANAGER SANGESTANDER AND SECURIS STATE OF THE SANGESTANDER AND SECURIS							
		Dan 1 ann 211	denda mini	ne hetwee	n header and	valve	per MRF #8	805182
7.	Description of Work	and WI 2310	Renlacen	ent pipir	g material i	s sche	dule 80 ASM	Œ Sect
	Total Conducted:	Hydrostatic Pr	106 GR B	ominal Operation	ng Pressure [X] *			
o.	Tests Conducted:	Other Pressure		Test Temp.				
		D						
	NOTE: Sunnlemen	real shapes in form o	f liers, sketches,	or drawings ma	y be used, provided (1) size is B	% in. x 11 in., (2)	informe-
	tion in items 1 thm	ough 6 on this repor	rt is included on	each sheet, and	(3) each sheet is nu	mbered at	nd the number of	sheets is
	recorded at the top							
(1	2/82)	This Form (E000)	30) may be obtain	ned from the O	rder Dept., ASME, 34	5 E. 47th	St., New York, N.	Y. 10017

	Per ASME Section XI IWD-5223 (d). no hydro-static pressure test is
Remarks	Applicable Manufacturer's Data Reports to be attached
	Applicable Manufacturer's Data Reports to be strached Which required due to the fact that the spray headerathe drain line is
-	reduried doc to the first the first terms of the fi
	connected to is open ended. Therefore adequate flow during system
-	
	operation was observed and is acceptable in lieu of a hydrostatic test
***************	operation was observed and as was a
	CERTIFICATE OF COMPLIANCE
	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 CO	ode, Section XI.
*	N/A
Type Coc	de Symbol Stamp N/A
	te of Authorization No. N/A Expiration Date N/A
Certificat	te of Authorization No. N/A Expiration Date N/A W Dly AThlu Date April 10 1989
	1100. ATHE Date April 10 19 89
Signed A	Owner or Owner's Designen, Title
,	OWNER OF OWNER POOR STATE OF THE POOR STATE OF T
	CERTIFICATE OF INSERVICE INSPECTION
	The land Pressure Vessel Inspectors and the Store
I, the un	CERTIFICATE OF INSERVICE IN SERVICE IN SERVI
or Provin	nce of and employed by learnested the components describe
	HARTERD, C-10-7-88 to 7-13-89, and state the Dwner's Report during the period 10-7-88 to 10-13-89, and state the
in this (Owner's Report during the period
Owner's	Report in accordance with the requirements of the ASME Code, Section XI.
0	Report in accordance with the requirements of the Advice Course in accordance with the requirements of the Advice Course in accordance with the requirements of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the inspector of the Advice Course in accordance with the Advice Course with the Advice Course in accordance with the Advice Course in ac
DA 2	igning this certificate neither the inspector nor his employer makes any territories, neither the inspector nor his employer and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer and the inspector nor
examina	ations and corrective measures described in this Owner's Report. Furthermore, helder from or connected with the liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
inspecti	
,	Janual Memory 6 - Commissions PA National Board, State, Province, and Endorsements
	Inspector's Signature National Board, State,
	7-13 1889
Date	The state of the s

Owner Philadelp	hia Electr	ic Co.		June 12	, 1909		
			9101	1	1		
2301 Market St	Address	Iphia, in i	2202	Sheet of_			
2.1 1 -1- (Address	Station		Unit One			-
Nam Limerick (Name	000000000000000000000000000000000000000					
P.O.Box A, San	natoga Bran	ch, Pottsto	own, PA	PECo (M	DCP-55	. No., Job No., et	c.
THE TAXABLE PROPERTY AND ADDRESS OF THE PARTY OF THE PART	A st stragg					N/A	
Work Performed by P	niladelphia	Electric (20.	Type Code Symbol S	temp	N/A	
ADLK LELICITIES DA		Name	10101	Authorization No Expiration Date	-	N/A	
2301 Mariet S	t., Philade	elphia, PA	19101	Expiration Date			
Identification of System	Main Ste	eam (bysech					
				* A	idenda,	None (Code Cas
(a) Applicable Constru	ction Code	Want for Davides O	Reniscements	19 80 with a	ddenda	through wi	niei
(h) Applicable Edition	of Section Al Uti	IIZED TOT FREDERICE					
*See Specific Identification of Comp	onents Repaired	or Replaced and Re	epiacement Coi	aponents			
							ASME
							Code
			Marines			Repaired,	Stamped
		Manufacturer	National	Other	Year	Replaced, or Replacement	(Yes
Name of	Name of Manufacturer	Serial No.	No.	Identification	Built	Or Mebiacement	
Component	William Control						
		HT #		Mech JT#			
Spool Ident.	Tube	6060732	N/A	15	N/A	Replacemen	t Yes
APE-1MS-LA-19B	Turns	10000752					
					-		-
	A						
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APE-1MS-LA-19B	Turns		N/A				
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	and the second s	1					
	NEW YORK AND ADDRESS OF THE PERSON NAMED AND ADDRESS OF THE PE		1			/^	
. Description of Work	nlead b	olting on h	MSRV spare	e flange APE-	1MS-LA	-19B (3 ea	. Stu
. Description of Work SA-193 GR B7	Replaced b	/: / es DI	its SA-19	4 GR-2H Ht. C	code 5A	E).	
SA-193 GR B/	Mt. Code y	-	Inminal Operat	ing Pressure [X] See	Remar	ks	
SA-193 GR B7 B. Tests Conducted:	Hydrostatic	re 1,000 p	Tant Temp	N/A *F			
	Other Pressur	Consessation de la consessation					
					(1) size is	8% in. x 11 in., (2) informa
NOTE: Supplemen	tal sheets in form	of lists, sketches,	or drawings m	ay be used, provided nd (3) each sheet is f	umbered	and the number of	of sheets
tion in items 1 thr	bugh b on this re	port is included or	n each sheet, un	ay be used, provided and (3) each sheet is f			
	- f shis form						
recorded at the top	of this form.						

Three each of 12 studs replaced and four each of 24 nuts replaced. Applicable Manufacturer's Data Reports to be strached
(Pef + ST-4-041-950-1)
Post work testing performed by Operations. (Ref.: ST-4-041-950-1)
· ·
CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement repair or replacement
We certify that the statement th
ASME Code, Section XI.
Type Code Symbol Stamp N/A
Type cool of the N/A
Certificate of Authorization No. N/A Expiration Date N/A Signed PR Remail C Should Example 6/20 19 87
20 0 11 - 81. 10 0 1 Xanhan 6/20 19.87
Signed A Kanalo Should Crant Charles
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 St. or Province of Pennsylvania and employed by Hartford Steam Boiler Inspection & Insurance of Pennsylvania and employed by Company have, inspected the components described to the comp
or Province of Pennisylvania and employed or Company have, inspected the components descri
Hartford, Connecticut to 7/20/89 and state
in this Owner's Report during the period
to the best of my knowledge and belief, the Downer's Report in accordance with the requirements of the ASME Code, Section XI. Owner's Report in accordance with the requirements of the ASME Code, Section XI.
Owner's Report in accordance with the requirements of the ASME Code, Section . By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning By signing this certificate neither the Inspector nor his employer. Report, Furthermore, neither the inspector nor his employer.
By signing this certificate neither the Inspector nor his employer makes any warranty, and the inspector nor his employer makes any warranty and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer examinations and corrective measures described in this Owner's Report.
examinations and corrective measures described in this Owner's Report. Furthermore, helital examinations and corrective measures described in this Owner's Report. Furthermore, helital examinations and corrective measures described in this Owner's Report. Furthermore, helital examinations and corrective measures described in this Owner's Report. Furthermore, helital examinations and corrective measures described in this Owner's Report. Furthermore, helital examinations and corrective measures described in this Owner's Report.
inspection. Pa 2377
Sett R Lalay Commissions PA 2372 National Board, State, Province, and Endorsement
Inspector's Signature
7/20 19 89
D816

D143-4-1	lebía Flantr	de Company		Date 04/	20/89		
. Owner Philade	Name	IC COMPANY		Dette			
2301 Market	St., Phila,	Pa 19101		Sheet o	12		
Plant Limerick	Generating	Station		Unit L. G. S.	Unit	#1	
Evergreen & P.O. Box A.	Sanatoga Rds Sanatoga, PA	19464		Phila. Elec Repair Organ	Co.	MRF #89010	48 etc.
. Work Performed by	Philadelphia	Electric (Company	Type Code Symbol		N/A N/A	
2301 Market	St. Phila.			Expiration Date		1	
. Identification of Sys	40/7 C	ontrol Rod I	Drive / HO	cu			
5. (a) Applicable Const (b) Applicable Edition 6. Identification of Const	on of Section XI Ut	ilized for Repairs	or Replacement	s 19_80 W		N/A 1981 Adden ode Case	Code Cas
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	Replomnt	No
Bolting	-						
Location	,						
14-47		-	-	-	-	Repl 2	-
18-11						Repl 1	
22-19						Repl 9	
7. Description of Work 8. Tests Conducted:	Hydrostetic Pressure tal sheets in form cough 6 on this repo	neumatic No	Test Temp(ng Pressure X	170 Met	°F al % in. x 11 in., (2)	informa-

emarks See attached	Applicable Manu	fecturer's Data Reports to be	attached	

	CERTIFICA'	TE OF COMPLIANCE Repla	cement conforms to	the rules of the
ASME Code, Section XI.		repair or i	rapiacament	
Type Code Symbol Stamp	N/A		N/A	
Certificate of Authorization No. Signed Engr in Charge Owner or Owner: Design	9 4.464 16. 61 60 / 16. 60	tion Date A	1041	
I, the undersigned, holding a valid or Province of Pennsylvani	d commission issued by the	OF INSERVICE INSPECTION OF National Board of Boiler and H.S.B. I&I. Co	mpany	tors and the State
Hartford, Connect	.1Cut	- 5	3-4-87	and state the
in this Owner's Report during to the best of my knowledge an Owner's Report in accordance will By signing this certificate ne examinations and corrective me shell be liable in any manner for inspection.	ith the requirements of the internal of the internal of the inspector nor he asures described in this rany personal injury or p	performed examinations and ne ASME Code, Section XI. his employer makes any warra	anty, expressed or impli ire, neither the Inspecto ny kind arising from or c	ed, concerning the roor his employed connected with the
Inspector's S	ignature			

	99.9	- Compony		Date 04/20/89			
1. Owner Philadel	phia Electri	C Company	ena considia con enconsidiro				
2301 Market	St., Phila.,	PA 19101		Sheet 2 of	2		
Plant Limerick		Station		Unit LGS Unit	#1		
Evergreen &	Sanatoga						
P.O. Box A,	Sanatoga, PA	19464		Phila. Elec	. Co.	MRF #89010	48
	Address					.O. No., Job No.,	rtc.
. Work Performed by	Philadelphia	Electric Co	ompany	Type Code Symbol S	Stamp	N/A	
	n. m	DA 10101		Authorization No Expiration Date		N/A	
2301 Market S	St., Phila.,	PA 19101		Expiration Date			
. Identification of Sys	#047 Con	trol Rod Dr	ive / HCU				
. (a) Applicable Cons	truction Code ASI	ME III 19	77 Edition,	Summer '77 A	ddenda,	N/A	Code Case
(b) Applicable Editi	on of Section XI Uti	lized for Repairs of	or Replacement	s 19 n	AT ENTRY		
					308 60	de Case	
. Identification of Co.	mponents Repaired	or Replaced and R	eplacement Cor	mponents			
	1			T -			
							ASME
						Repaired,	Code Stamped
			National Board	Other	Year	Replaced,	(Yes
Name of Component	Name of Manufacturer	Manufacturer Serial No.	No.	Identification	Built	or Replacement	or No)
Component							
						Repl 9	
26-55					-	Kepi	-
30-19						Repl 1	
30-19						D1 6	
30-27					-	Repl 8	-
,						Repl 8	
30-35					-	- Incharge	
00 51						Repl 9	
38-51					akaance ommo		
7. Description of World	Replaced (47) damaged	CRD caps	crews during	CRD c	hange out l	RO2.
. Description of work	Replaced	Annechment woodsenanted services	***************************************				
B. Tests Conducted:	Hydrostatic P	neumatic No	ominal Operation	na Pressure X		0.0	
. 1000	Other Pressure	1000 psi	Test Temp	190 *F	170		
				Cooraur	Met		Informa
NOTE: Supplemen	ntal sheets in form	of lists, sketches,	or drawings ma	y be used, provided (1	1) size is 8	3% in. x 11 in., (2)	f sheets is
tion in items 1 thr	rough 6 on this repo	ert is included on	each sheet, and	d (3) each sheet is no	indered 8	ino the homos, o	
recorded at the top	of this form.						
					E E 4241	St New York N	V.Y. 10017
(12/82)	This Form (E000	(30) may be obtain	ned from the O	rder Dept., ASME, 34	5 E. 4/(n	ot., wen ronk, h	

	3 2 3
CERTIFICATE OF	COMPLIANCE
We certify that the statements made in the report are cor	rect and this Replacement conforms to the rules of the
ASME Code, Section X1.	repair or replacement
NOME COME, DECEMBER 711	
Type Code Symbol Stamp N/A	
	N/i
Certifice is of Authorization No. N/A	Expiration Date N/A
William A Tartino	T1 19 89
Signed Engr in Charge, Maint/I&C Section Owner or Owner's Designee, Title	Date
Owner or Owner's Designae, Title	
CERTIFICATE OF INS	SERVICE INSPECTION
i, the undersigned, holding a valid commission issued by the Nation	and Roard of Roiler and Pressure Vessel Inspectors and the State
I, the undersigned, holding a valid commission issued by the National or Province of Pennsylvania and employed by H.S.	.B. I&I. Company
man and a second	hove the the components positive.
in this Owner's Report during the period	to 8-4-89, and state tha
to the best of my knowledge and belief, the Owner has performe	ed 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 emplo	over makes any warranty, expressed or implied, concerning the
described in this Owner's	Report. Furthermore, neither the inspector nor his employ-
shall be liable in any manner for any personal injury or property	damage or a loss of any kind arising from or connected with th
inspection.	
Inspection.	DI OUDT TITT
10 04. 41	
Face allement commi	ssions National Board, State, Province, and Endorsements

	lphia Electri	c Company		Date 5/24/	/89		
2301 Market	St., Philadel	phia, PA 19	9101	Sheet of_	1	-	
	Address			No 1			
	k Generating		and the same of th	Unit No. 1	tion	9 remarks)	ar a para a marin de Calabara
Evergreen &	Sanatoga Rd.	19464		MRF No. 8	804278	8 Phila Ele	er Ca
P.O. BOX A.	Sanatoga, PA	and the state of t				O. No., Job No.,	etc.
Work Performed by	Philadelphia	Electric Co	ompany	Type Code Symbol S			
		Name		Authorization No			
2301 Market	St., Philade:	ipnia, ra i	J L U L	Expiretion Dete	AMERICAN AND AND AND AND AND AND AND AND AND A		
Identification of Sv	stem System 048	8 - Standby	Liquid C	ontrol			
(b) Applicable Edit	struction Code_ASI ion of Section XI Util omponents Repaired o	lized for Repairs o	r Replacements	Winter 1974 Ad 19 80, W '81	N-3	N/A 108 Code Ca	Code Ce
Name of	Name of Manufacturer	Manufacturer Serial No.	National Roard No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Parts Kit	Conax	153	N/A	P6N N-27006	85	Replace- ment	No
The state of the s				114-41554			
							1
9					*	-	
*							
4		-				#\$P\$ 8/4/8	

43

lot no. 1R186C003-D01. The pressu	re test conducted included the valve flang
that was disassembled to replace t	he valve parts.
CERTIFIC	ATE OF COMPLIANCE
We certify that the statements made in the repo	ort are correct and this Replacement conforms to the rules of the
ASME Code, Section XI.	Tapen of tap
Type Code Symbol Stemp_N/A	
27.14	Expiration Date N/A
Certificate of Authorization No. NA Yaztan	excessory percentagement. EXPITETION DECE
Signed Engr in Charge, Maint/I&C Sect	tion Date 8 1 ,19 84
Owner or Owner's Designer, Title	2 de Constantina de la Constantina del Constantina de la Constanti
CERTIFICAT	E OF INSERVICE INSPECTION
	the National Board of Boiler and Pressure Vessel Inspectors and the Stat
Pennsylvania and employed	by H. S. D. 181. COMPANY
Hartford, Connecticut	have inspected the components bestime
this Owner's Report during the period	to 8-4-89 and state the
to the her of my knowledge and belief, the Owner has	performed examinations and taken corrective measures described in th
Owner's Report in accordance with the requirements of t	he ASME Code, Section XI.
De signing this comblicate paither the Inspector por	his employer makes any warranty, expressed or implied, concerning to
to the said assessing managers described in this	Owner's Report, Furthermore, neither the inspector nor his employ
shall be liable in any manner for any personal injury or s	property damage or a loss of any kind arising from or connected with th
inspection.	
// //	/ DA 7497 TAN
Jan nevany	Commissions A 4 4 4 Province, and Endorsements
Inenactor's Signature	
,	
4 AUG 10 89	

	Owner Philade	er Philadelphia Flectric Company Date 5/24/89						
	2301 Market	St., Philad	elphia PA 1	9101	Sheet of	1		
					Unit No. 1			
	Plant Limerick	Nerne	STRETTON	ASSESSED AND ADDRESS.	(see se	ction	9 remarks)
	Evergreen &	Sanatoga Kd.	19464		MRF No. 88	04279	Phila.Ele	ec.Co
	P.O. Box A.	Repair Organi	zetion P	.O. No., Job No.,	etc.			
	Work Performed by	Type Code Symbol S	tamp	N/A				
	THOIR PERIODING DY.	the same of the control of the contr	Name		Authorization No.		N/A	
	2301 Market	St., Philade	elphia, PA 1	9101	Expiration Date	MATERIA COLUMNIA DISCOS	N/A	
		Address						
	Identification of Sys	mem System (048 - Standt	y Liquid	Control	-		
	(a) Applicable Cons (b) Applicable Editi Identification of Co	on of Section XI Ut	ilized for Repairs o	r Replacement	Winter '74 Ad is 19 80, W '81	N-	-308 Code C	Code Ca
	Name of Component	Neme of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)
	Parts Kit	Conax	155	N/A	P/N N-27006	85	Replace- ment	No
**	Idits Wit	OU SIGNATURE						
		Andread Print, state out the contract of the c			114-41554		-	
	,							
	Description of Work Tests Conducted:	Hydrostatic P	neumetic No	minal Operation	arts of valve	XV-04	48-1F004B	
	NOTE: Supplemention in items 1 the recorded at the top	ital sheets in form o	of lists, sketches, o	r drawings may	be used, provided (1) (3) each sheet is num	size is 81 bered ar	% in. x 11 in., (2) and the number of	informe- sheets is

	S/N 155. Primer ass'v is part of Conax turer's Data Reports to be attached test conducted included the valve flang
that was disassembled to replace the	valve parts.
	OF COMPLIANCE
We certify that the statements made in the report are ASME Code, Section XI.	correct and this Replacement conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A William A Tuliam Signed Engr in Charge, Maint/I&C Section	Expiration Date N/A Date 8 1 19 8 9
Owner or Owner's Designee, Title	INSERVICE INSPECTION
	stional Board of Boiler and Pressure Vessel Inspectors and the State
Hartford, Connecticut	have inspected the components described
in this Owner's Report during the period	to 6 4 57 , and state that
to the best of my knowledge and belief, the Owner has perfo	rmed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the AS	ME Code, Section Al.
By signing this certificate neither the Inspector nor his em	aployer makes any warranty, expressed or implied, concerning the er's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or proper	rty damage or a loss of any kind arising from or connected with this
inspection.	0 -107 - 11
James Olever Con	National Board, State, Province, and Endorsements
Dete 4 AIX 19 89	

Owner Philadelp	hia Electri	c Company	1	Date June	e 29.	1989	
	Name		19101	Sheet 1 of	1		
2301 Market S	Acidress	201100					
Plant Limerick (Generating S	Station		Unit	One		
P.O. Box A	ame		,,,	Philadelph	is Fle	ctric Co.	
Sanatoga Bran	Address	own, PA 19	454	Repair Organ	ization P.	O. No., Job No., e	tc.
		Flectric C	0	Type Code Symbol S	temp	N/A	
Work Performed by P!	niladelphia	Name				N/A	
2301 Market St., Philadelphia, PA 19101				Expiration Date		N/A	
	Address						
Identification of Syste	m_ Residua	1 Heat Remo	val (Syst	em 051)			
					ddaada	*	Code Cas
(a) Applicable Constru (b) Applicable Edition	uction Code	* * * * * * * * * * * * * * * * * * * *	Edition,	- ROwith Add	enda 1	through Win	ter 1
*See Specifi Identification of Com	ication our	1-1-2000 200					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Repliced, or Peplacement	ASME Code Stamped (Yes or No)
DCN 001 CB-111-1-1301	McJunkin	467813	N/A	6" Pipe	N/A	Replace-	No
. Description of Work	Deletion	of the Head	B Spray Mo	ode of the RE	IR Sys	tem	
3. Tests Conducted:	Hydrostetic D	Pneumetic N N 6 61 ps	ominal Operation	ng Pressure N/A F			info
NOTE: Supplemention in Items 1 the recorded at the top	ough 6 on this rep	of lists, sketches, port is included on	or drawings me each sheet, an	y be used, provided (d (3) each sheet is n	1) size is i umbered	8½ in. x 11 in., (2) and the number o	f sheets i
(12/82)	This Form (E00	0030) may be obta	ined from the C	order Dept., ASME, 3	45 E. 47t	h St., New York, I	N.Y. 100

	Applicable Manufacturer's Data Reports to be attached
RRF L-1278.	
	CERTIFICATE OF COMPLIANCE
	that the statements made in the report are correct and this TED Lacement conforms to the rules of the
ASME Code, Section	
Type Code Symbol	Stamp N/A
Type Code Symbol	N/A
Certificate of Autho	
Certificate of	1 1 Installation Wants 7/21/ 1987
Signed 7	Should an Brown Head Desc
Owner or	Owner's Designee/Title
	A STATE OF THE PROPERTION
	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 holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State holding a valid commission issued by Hartford Steam Boiler Inspection & Inspector Inspector Inspector is the Inspector of Inspector Inspe
or Province of Pe	have inspected the components described
Hartford	Connecticut // 18-88 to 8-16-87 and state that
in this Owner's R	knowledge and belief, the Owner has performed examinations and taken corrective measures described in this knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
to the best of my	knowledge and belief, the basis of the ASME Code Section XI.
Owner's Report in	accordance with the requirements of the ASME Code, Section XI. accordance with the requirements of the ASME Code, Section XI. certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the certificate neither the Inspector nor his employer.
By signing this	certificate neither the Inspector nor his employer makes any scalar and the Inspector nor his employer corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer corrective measures described in this Owner's Report.
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	Inspector's Signature
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	elphia Electi			Date Jime 29			
2301 Market	St., Philade	elphia, PA	19101	Sheetof		<u> </u>	
	Address	Station		UnitOr	ne		
innt Limeric	Generating	Station	Management of the second	Unit			
Sanatoga Bra	anch, Pottst	own, PA 19	464	Philadelph:			
	Address			Repair Orper	ization P.	O. No., Job No., e	tc.
Vork Performed by	Philadelphi	a Electric	Co.	Type Code Symb	stamp	N/A N/A	
				Authorization No		N/A	
DESCRIPTION OF THE PERSON OF T	St., Philad			Excitation Date			
	nem Residua	1 Heat Remo	val (Syst	em 051)			
a) Applicable Cons	Sec and Code	* 19_	* Edition,	* A A A A A A A A A A A A A A A A A A A	ddenda	*	Code Cas
h) Applicable Coll	Section XI Ut	lized for Repairs o	r Replacement	19 80 with A	ddenda	through wi	Inter
*See Specif	ic tion 8031	-P-360, Rev	. 11	a	nd Cod	e Case N-30	18.
				monents			
dentification of Co	mponents Repaired	or Replaced and R	epiacement coi	nponerts			
							ASME
							Code
			National			Repaired,	Stamped
Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
Name of Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
OCN 001						Replace-	N7-
CB-101-1-1	McJunkin	467813	N/A	6" Pipe	N/A	Replace-	No
OCN 001	Jessop		/-	1" Thick	N/A		No
CB-101-1-2	Steel	14257	N/A	Plate	3/10	Replace-	
DCN 001		467012	N/A	6" Pipe	N/A	ment	No
CB-101-1-3	McJunkin	467813	N/B			100000	
					1	1	
				- Landerson	alesano s monsores		
		- F also Wass	d Carey M	ode of the Ri	IR Syst	tem.	
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	111 100				HR Syst	tem.	
	111 100				HR Syst	tem.	
Description of Worl	111 100				HR Syst	tem.	
Tests Conducted:	Other Pressure E-51-1N012 L	neumetic No. 550 psi eak Tested	Test Temp. per IWA-5	81 °F) size to S	% in. x 11 in., (2)	informa-
Tests Conducted:	Other Pressure E-51-1N012 L	neumetic No. 550 psi eak Tested	Test Temp. per IWA-5) size to S	% in. x 11 in., (2)	informa- sheats is

ERRF'	s L-1278 and L-1	386.			
				and the second s	
	and a proper property of the second				
		CERTIFICATE	OF COMPLIANCE	enlacement	to the rules of the
1	We certify that the statemen	nts made in the report an	correct and this	ir or replacement	
	te, Section XI.				
	Symbol Stamp	N/A		and the state of t	AND AND ADDRESS OF THE PROPERTY OF THE PARTY OF
Type Code	Symbol Stamp			w/A	
Certificate	of Authorization No.	N/A	Expiration	Date	Annual Education Services and S
Continue	0=0111	I made the storm	Mar X	3/7	1989
Signed	Owner or Owner's Designed	Title	DAte	5/7 N/A	
	Dwner or Owner's Designed	The state of the s			
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	sraigned holding s velid co Pennsylvania	menission issued by the I	Vational Board of Boil	ier and Pressure Vessel In	spectors and the State
I, the unc	Pennsylvania	end employed by	Hartford Stea	m Boiler Inspec	rion & Ins. of
				have inspected the c	and state tha
			-8010		
white the same		Biller - File Pancier - com bear	The state of the s	and taken corrective trick	
Owner's	Report in accordance with t	the requirements of the A	SME Code, Section	warranty expressed or in	nplied, concerning th
By sig	ning his certificate neither	r the Inspector nor his a	employer makes any	ermore neither the Inspi	ector nor his employe
examinat	ining his certificate neither ions and corrective measur liable in any menner for an	res described in this Ov	perty damage or a loss	of any kind arising from	or connected with thi
		y personal injury or prop			
inspectio	1.	1 7/	0	2497	T+N
	Complete la		ommissions Nation	2497 nel Board, State, Province	, and Endorsements
/	of the state of I be the succession		1481101	IN DOMESTIC	
	Inspector's Signe	ture			

vner	elphia Elect	Market Brown and Company of Street, St.	NAME OF TAXABLE PARTY.	DateJune			
2301 Market	St., Philad	elphia, PA	19101	Sheet of		1	
7.11	Address	Station		Unit_One			
ant Limeric	k Generating	DLation.	-	Unit			many manner's manual to
P.O. Box	Anch, Pottsto	wn, PA 194	64	Philadelphi	a Elec	tric Compa	ny
	Address			Repair Organ	ization P.	O. No., Job No., e	MEG.
ork Performed by	Philadelphia	Electric C	0.	Type Code Symbol S	Stamp	N/A	
		ABITIE		Authorization No		N/A	and the same of th
301 Market	St., Philade	lphia, PA !	9101	Expiration Date		N/A	
	Address						
entification of Sy	nem Nuclea	r Boiler (S	System 04	1)			
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Applicable Cons	struction Code	* 19 2	Edition,	* A	ocencia	+k-manah U	Hater
Applicable Edit	ion of Section XI Uti	lized for Repairs of	r Replacement	s 19 80 with A	inde no	d chitonen w	200
,					and Co	de Case N-3	300.
lentification of Co	mponents Repaired o	ir Replaced and Re	splacement Co	mponents			
	CHARLESTON OF BRIDE. NO. MANUAL SPECIAL SPECIA		-			1	
							ASME
							Code
			National			Repaired,	Stamped
		Manufacturer	Board	Other	Year	Replaced,	(Yes
ivame of	Name of Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
Component	Manufactorer						
		1		DG4 102 1		Replace-	-
Blind	Liberty		**/*	DCA-103-1	N/A	ment	No
ange	Forge	ARIL	N/A	Spool 2201	TN/A	Replace-	17.5
1/8" Studs	Cardinal	(B2)		DCA-103-1	N/A	ment	No
	Industrial	8075417	N/A	M-2201	N/A	Replace-	472
Long	Cardinal	(B2)		DCA-103-1	N/A	ment	No
Long 1/8" Studs	W 1 1 - 7	8075417	N/A	M-2201	N/A		-
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iemarks	Replacements were performed in accordance with MDCF-3030, Rev. 0, Applicable Manufacturer's Data Reports to be attached
	Applicable Mariciación
RF's	L-1278, and L-1687.
CONTRACTOR CONTRACTOR AND CONTRACTOR	
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this Teplacement conforms to the rules of the repair or replacement
	We certify that the statements made in the report are correct and this repair or replacement
	code, Section X1.
ASME C	ode, Section A.
	ide Symbol StampN/A
Type Co	de Symbol StarripN / A
	N/A Expiration Date
Certifics	see of Authorization No. N/A Soutallation Mark -/2/
	PF 11 les Breach Hood Date 13
Signed_	Owner of Okner's Designee, Yitle
	ste of Authorization No. N/A Expiration Date N/A Smatallatert Mark Per Sha Sha Sha Breach Head Date 7/5/ 19-89 Owner or Owner's Designee, Title
MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND	THE PROPERTY OF THE PROPERTY O
	CERTIFICATE OF INSERVICE INSPECTION Indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspection & Ins. of Papper Vania and employed by Hartford Steam Boiler Inspection & Ins.
I, the u	indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors at 5 the State Inspection & Ins. of Steam Boiler Inspection & Ins. of Steam Boiler Inspection & Ins. of Steam Boiler Inspected the components described the compo
	in a fellis y 1 value of the components described
Hart	tiord, connectitude and state that
in this	Owner's Report during the period 11-18-88 to 8-16-89, and state that best of my knowledge and best of the ASME Code, Section XI.
en the	best of my knowledge and belief, the Owner has performed examinations and
Owner'	Report in accordance with the requirements
Owner	's Report in accordance with the requirements of the ASME Code, Section XI. signing this certificate neither the Inspector nor his employer marks any warranty, expressed or implied, concerning the signing this certificate neither the Inspector nor his employed that is concerned the Inspector of his employed neither the Inspector nor his employed neither that corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed neither than the Inspector of his employed that the Inspector of his employed the Inspector of his employed that the Inspector of his employed
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	Jaw allow A Commissions PA 2497 I+N Neticinal Board, State, Province, and Endorsements
6	Inspector's Signature
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Owner Philadel	phia Electr	ic Company		DateJu	ly 5,	1989	
	Pagrine			,	1		
2301 Market S	Address		19101	Sheet 1 o			
Plant Limerick	Generating	Station	***	Unit	ne		
P.O. Box A	Name		1/6/	Philadelr	his El	lectric Co.	
Sanatoga Bra	anch, Pottst	own, PA 1	9404	Repair Organ	nizetion F.	O. No., Job No., e	rtc.
		= Flectric	Co.	Type Code Symbol	Stamp	N/A	
Work Performed by	Filladelphia	Name	America communications	Authorization No		N/A	
2301 Market S	St., Philade	lphia, PA	19101	Expiration Date		N/A	-
*Newschiller Inninger parameter and a second	Acidonas			1 (Country	057)		
Identification of Systematics	emContai	nment Atmo	sphere Co	ntrol (System	11 (2)//		***************************************
(a) Applicable Consti (b) Applicable Edition			* 5-11-1	* 4	ddenda	*	Code Case
(a) Applicable Const	ruction Code	19_	Edition,	so 80 with A	ddenda	through Wi	inter 1
(b) Applicable Edition	n of Section XI Uti	lized for Repairs of	r Replacement	5 19			
	stination Of	131-P-360	Revision	11			
*See Spec. Identification of Com	ponents Repaired	or Replaced and P.	eplacement Co	mponents			
				T	T	1	
						-	Code
						"epnired,	Stamped
		Manufacturer	National Board	Other	Year	Replaced,	(Yes
Name of Component	Name of Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
Component							
				2" Pipe	1	Replace-	
IDCN 004 SP-HCB-116-J3	Sandvik	465106	N/A	PC 45	N/A	ment	No
57-HUB-116-33	Damivik						
							-
					1		
							-
And the same tested to the same							
		1				1	
7. Description of Work		nd rotate	valve 57-	1088 to reve	rse fl	ow direction	on.
7. Description of Work	Cat-out e	1110 10000			10CFR	50 Appendix	k J LLI
B. Tests Conducted:	Hydrostatic T	neumatic N	ominal Operati	ng Pressure N/A F	per L	GS Procedu	res
b. Fests Conducted:	Other K Pressure	44.3 ps	Test Temp.,	N/A *F	ST-1-	LLR-541-1 1	nev. 3
		1 7 7					
NOTE: Supplemen	ntal sheets in form	of lists, sketches,	or drawings ma	y be used, provided (1) size is E	ind the number of	f sheets is
tion in items 1 thr	ough 6 on this repr	ort is included on	wach sheet, an	d (3) each sheet is n			
recorded at the top	of this form.						
			and farms for f	order Dept., ASME, 3	45 E 47*	St., New York, N	N.Y. 1001
(12/82)	This Form (E00	030) may be obtain	ned trom the C	muer Dept., Abmic, o			

	Replacements were performed in accordance with MDCP-5730 Revision 1 and Applicable Manufacturer's Data Reports to be attached
ERRF	L-1316.
	ACCOMPANIES (ACCORDED DE SERVICIO DE SERVI
	CERTIFICATE OF COMPLIANCE
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement repair or replacement
	We certify that the statement of the sta
ASME C	Code, Section XI.
	N/A
_	A. Del Pramp
Type Co	27/42
	Btd of Authorization No. Conf. No. Expiration Date
Certific	and of Author settle Snatal Sation Mach = /21 - 10 89
	RE II les Branch Head Date
Signed.	Owner or Owner's Designee, Title
-	CERTIFICATE OF INSERVICE INSPECTION
I, the u	indersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vesser Instance & Insp. of Pennsylvania and employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed by Hartford Steam Boiler Insurance & Insp. of Pennsylvania and Employed Boiler Bo
or Prov	tford, Connecticut have inspected the components describe
in this	Owner's Report during the period 3-18-57 Description of the ASME Code, Section XI.
to the	best of my knowledge and belief, the Owlet the Section XI
	's Report in accordance with the requirements of the second of implied, concerning the
Owner	signing this certificate neither the inspector nor his employer the inspector nor his employ
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Owner Philadel	phia Electria	Company		Date July 5,			A CONTRACTOR OF THE PARTY OF TH
2301 Market	St., Philade	lihis, PA 1	9101	Sheet 1 of	1		
***************************************	Generating			Unit One		-	
Park Park	Anatoga Branch, Pottstown, PA 19464				hia El	lectric Co.	
Sanatoke Die	Address	-		Repair Organ	ization P.	O. No., Job No., e	tc.
Work Performed by Philadelphia Electric Co				Type Code Symbol S Authorization No.	N	/A	
2301 Market	St. Philade	lphia, PA 1	9101	Expiration Date		/A	
Identification of Sys	nem Containme	nt Atmosphe	ere Contr	ol (System O)7)		
	ion of Section XI Uti Fication 8031 Imponents Repaired o	D 360 Per	v 11				
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" Pipe		Replace-	
IDCN 002 -HBB-127-E1 IDCN 002	Quanex Oulf States	232482	N/A	70 902 2" Valve \$57-1807	1987	Replace-	Yes
HBB 127 E1		AFB1-14	N/A	2" Red. Tee	- Alberton	Replace-	
IDCN 002 P-H:B-127-E1	Capitol Mfgr.	R84R	N/A	PC 906	N/A	ment	No
						1	
7. Description of Wo	Install add	ditional blo	ock valve		per LG	50 Appendi	P.S
3. Tests Conducted:	Other Pressure		Test Temp.	N/A F	ST-1-I SP-LR-	IR-232-1 R 008 Rev. 0	ev. 4
			as denuines m	ay be used, provided (1) size is	B½ in. x 11 in., (2) and the number o	intorma-

(12/82)

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

emarks _	Applicable Manufacturer's Data Reports to be attached
ASME Co	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this **REPLACEMENT** conforms to the rules of the repeir or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and this **Tepair or replacement of the report are correct and the report
	the Symbol Stamp N/4, The of Authorization No. N/4 Expiration Date N/B Final Mark
Signed	Owner or Owner's Designer Title CERTIFICATE OF INSERVICE INSPECTION
or Provin	dersigned, 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 & Insurational Connecticut have inspected the components described ord, Connecticut 3-15-89 to 8-2-89, and state that
to the b Owner's	est of my knowledge and belief, the Owner has personnel to the ASME Code, Section XI. Report in accordance with the requirements of the ASME Code, Section XI.
	tions and corrective measures described in this Owner's Report, Furthermore, had arising from or connected with this liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this

Owner Philade	lphia Electi	ric Company		Date July 5			
2301 Market	Street, Ph:	ilad∈lphia,		Sheet of_			
Plant Limerick	Generating Name	Station		UnitC			
P.O. Box A Sanatoga Bran	nch, Pottstor	wn, PA 1946		Repair Organi	zation P.C	No., Job No.,	tc.
Work Performed by	Philadelph	ia Electric	Co.	Type Code Symbol S Authorization No.	tamp	N/A N/A	
2301 Market	Address		19161	Expiration Date		N/A	
Identification of Syst	em Cont	ainment Atm	osphere C	Control (Syste	en. 057)	
				*Ad	denda	*	Code Case
(b) Applicable Edition	on of Section XI Uti	31-P-360, F	Revision 1	11	odenda	through w	
Identification of Cor	nponents Repaired	or Replaced and Re	epiacement Con	nponants		,	
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" Valve		Replace-	
IDCN 002 P-HBB-128-E1	Kerotest	AOB2-7	N/A	#57-1810	1987	ment	Yes
IDCN 002	Capitol			2" Red.Tee	27.14	Replace-	No
P-HBB-128-E1	MFGR.	R84R	N/A	PC #807	N/A	ment	100
Annual Control of the							
	Install	additional	block val	ve and test	tap.	- denondiv	וייו ד
. Description of Wor					or I.CS	Appendix Procedure	S
3. Tests Conducted:	Other X Pressure	44.7 05	i test temp	°F S	T-1-LL P-LR-0	R-581-1 Re 09 Rev. 0	v. 4 £
				y be used, provided (1 d (3) each sheet is no) size is B	od the number of	f sheets is

. Remarks	Applicable Manufacturer's Date Reports to be attached
ERRF's	s L1637 and L-1659.
-	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Teplacement conforms to the rules of the repair or replacement see, Section XI.
Type Code	Symbol StampN/A
Certificate Signed 7	of Authorization No. N/A Smalle Lighter Wash Date 7/3/ Description Date 7/3/ Date 7/3/ Description Description Title
1. the und	CERTIFICATE OF INSERVICE INSPECTION ersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspection & Insurance
or Provinc	e of Pennsylvania and employed by artifold Steam border inspected the components described
to the bes	vner's Report during the period
By sign	eport in accordance with the requirements of the ASME Code, Section XI. In a continuous section of the ASME Code, Section XI. In a continuous section of the content of the ASME Code, Section XI. In a content of the content of th
Inspection	Commissions PA 2497 I+N Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date	2 AUG 19.89

- Philade	. 1.4. Plants	ic Company		Date 4/25/89	2	AND THE RESIDENCE OF STREET	-
OMUSE CONTRACTOR OF THE PROPERTY OF THE PROPER	lphia Electr	T.C. COMP. State.					
2301 Ma	rket Street	101		Sheetof			
" Philade	1phia, PA 19	A CONTRACTOR OF THE PERSON OF					
Timeric	k Generating	Station		Unit Common	-	**	- Marie and the second
Encres	on and Sanato	ga Roads		MRF '870	8090	Phila.Elec	.Co.
P O Ro	x A, Sanatoga	PA 1946	4	Repair Organia	Letion P.O	. No., Job No., et	ic.
*	Address .	Flootric	Company	Type Code Symbol St	amp_N	I/A	named and the second
Work Performed by	Philadelphia	lame Electric	Company	Authorization No	I.	N/A	DECEMBERATION, NOTICE
2301 Ms	irket bireet			Expiration Date	<u> </u>	N/A	-
Philade	Address	Z. de Made					
	stem System	90, Control	I Room Ch	iller		AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OWNER	
					denda,]	N/A	Code Ca
(e) Applicable Cons	struction Code ASM	E III 19	83 Edition,	BATHNETH MORE CONTRACTOR OF THE PARTY OF THE	er 198	81 Addenda	
(b) Applicable Edit	ion of Section X! Utili	ized for Repairs of	r Replacement	N-30	8 Code	Case	
Identification of Co	mponents Repaired or	r Replaced and Re	placement Co	mponens			
Married accounts to the state of order of the state of th	т Т	T	************************				ASME
							Code
:						Repaired,	Stamp
		Manufacturer	National Board	Other	Year	Replaced, or Replacement	or No
Name of	Name of Manufacturer	Serial No.	No.	Identification	Built	or Heptacement	
Component	Maneractors						
				Weld #W701			
	27/4	N/A	N/A	on Drawing	N/A	Replacemen	t No
1 1/2" Pipe	N/A	N/A	and the state of t	SP-HBD-71-F	l, Rev	. 7	1.
to Fitting							-
Weld.						Replaced	N
	· N/A	N/A	N/A	PC. No. 13		Replaced	-
1 1/2"	N/A						ht N
1 1/2" SA106 GrB	Louis P.		*	'DC No 1911		Replaceme	
SA106 GrB	MANAGEMENT OF THE PROPERTY OF THE PARTY OF T	N/A	· N/A	PC. No. 1311		Replaceme	1
SA106 GrB	Louis P.	N/A	N/A			Replaceme	
SA106 GrB Pipe Spool	Louis P. Canuso, Inc			HT.No.43027			1
SA106 GrB Pipe Spool	Louis P. Canuso, Inc			HT.No.43027	e, and		1
SA106 GrB Pipe Spool	Louis P. Canuso, Inc	veld on 1 1	/2" serv	HT.No.43027 ice water lin HBD-71-F1, Re	e, and v. 7		1
SA106 GrB Pipe Spool 7. Description of Wo	Louis P. Canuso, Inc	geld on 1 l	/2" serv	HT.No.43027 ice water lin HBD-71-F1, Re	e, and		1
SA106 GrB Pipe Spool Description of Wo	Louis P. Canuso, Inc	geld on 1 l	/2" serv	HT.No.43027 ice water lin HBD-71-F1, Re	e, and		1
Pipe Spool Description of Wo Tests Conducted:	Louis P. Canuso, Inc. rk Repair of w (1 1/2" pip Hydrostetic X P Other Pressure	veld on 1 loe) on draw neumatic . No 132(+5) psi	/2" serv ving. SP- orninal Operati	HT.No.43027 ice water lin HBD-71-F1, Re	1 also is D1	replaced	PC #
Pipe Spool Description of Wo Tests Conducted:	Louis P. Canuso, Inc. rk Repair of w (1 1/2" pip Hydrostetic X P Other Pressure	veld on 1 loe) on draw neumatic . No 132(+5) psi	/2" serv ving. SP- orninal Operati	HT.No.43027 ice water lin HBD-71-F1, Re	1 also is D1	replaced	PC #
Pipe Spool Description of Wo Tests Conducted: NOTE: Supplem	Louis P. Canuso, Inc. rk Repair of w (1 1/2" pip Hydrostatic X P Other Pressure, ental sheets in form of	veld on 1 loe) on draw neumatic . No 132(+5) psi	/2" serv ving. SP- orninal Operati	HT.No.43027 ice water lin HBD-71-F1, Re	1 also is D1	replaced	PC #
Pipe Spool Description of Wo	Louis P. Canuso, Inc. rk Repair of w (1 1/2" pip Hydrostetic X P Other Pressure ental sheets in form of hrough 6 on this repo	veld on 1 1 De) on draw neumatic . No 132(+5) psi of lists, sketches, ort is included on	/2" serving. SP- orninal Operati Test Temp. or drawings ma	HT.No.43027 ice water lin HBD-71-F1, Re) size is 81 mbered ar	replaced in. x 11 in., (2) ind the number of	PC #

Remerks	Weld #701L1	performed	to facility	ate replac	ement of 3	/4" solenol	d valv
Lifetime era **	(exempt per	MA 20) OF	oble Manufacturer	ntrol Room	Chiller o	il cooler s	ervice
-	CARECTER POLICE SERVICE STREET, STREET	Store bearing and a second					
	water line,	as stated	in attache	d Section	XI repair	evaluation	report
	Fit-up also	included r	eplacement	of 1 1/2'	pipe spoo	1.	
					-	The second secon	
	CAR SERVICE US TO SER FAMILY RUST CONTRACT WAS TO CONTRACT OF THE CAR AND CONT	CEI	RTIFICATE OF C	OMPLIANCE			
	We certify that the sta	stements made in t	the report are corr	ect and this Tel	or replacement	nforms to the rules	of the
	de, Section XI.			repair	or replacement		
Aprile of							*,
Type Cod	e Symbol Stamp	N/A			MARINE AND ADDRESS AND ADDRESS OF THE ADDRESS OF TH	An London of the Party of the Control of the Contro	-
		NI / A			N/A		
Certificat	e of Authorization No.	NIN		Expiration (Jete	Mark Market Charles of the Control o	
	i Engro in	Charge Man	nt The	Dans	4/25	. 19	89
Signed	W XXX	signes. Title	- Acetan	Date			,
-	Caniel of Carrier of Carrier		NAME OF THE OWNER, WHEN PERSON AND PARTY OF THE OWNER, WHEN PERSON	and the second s			
B-MARKALL SERVICES STATE	THE RESERVE OF THE RESERVE OF THE PARTY OF T		FICATE OF INS	EDVICE INSPEC	TION		
	dersigned, holding a va		and he she blasion	al Board of Boile	r and Pressure Ve	ssel Inspectors and I	the State
I, the uni	dersigned, holding a va	lid commission iss	played by H.	S.B. I&I.	Company	A	of
or Provin	ce of Fennsylva	cut	DIOYEU DY	ALA SECTION SE	have inspected	the components of	iescribed
	ord, Connecti wner's Report during	st- marked		10	5-7	and s	tate that
in this O	wner's Fleport during ast of my knowledge a	the period	ner has performe	d examinations a	nd saken correcti	ve measures describe	ed in this
to the be	Report in accordance to	no pener, the ow	ents of the ASME	Code, Section X			
		total about the same	or nor his employ	ver znakes any w	BLIBUTA " EXDIGERE	d or implied, conce	rning the
		2	I to able Champers	READON'S PLIFTING	TERROLM TREATMENT PLIA	THE STATE OF STATE AND ADDRESS OF THE PARTY	
examinat	tions and corrective n liable in any manner i	seasures described	jury or property of	amage or a loss of	f any kind arising	from or connected	with this
		or any personal my					
inspectio	n. // //	-	//	0	nig	7. T.11	
4	mulas	reach	Commis	sions	677	LA NO	ments
	Inspector's	Signature /		Nationa	Boant, State, Pro	ovince, and Endorse	
D	4. A(3)	G_19.89					
Date	energias securios en anti-una considerada en alternativo de en el estado en el entre en el entre el entre el en el entre				MY IN COLUMN TO SECURE AND ADDRESS OF THE PARTY AND		

			de Company		Date Jul	y 19,1	989	
br	mer Philad	elphia Electr	1c Company	MANUAL PROPERTY.		22	3 W7	J8/1/8
	2301 M	arket St. Phi	ladelphia,	PA 19101				
	ALTO MANUSCRAFFINGERS	ck Generating			. c . 1 des 0	Elec.	1. back)	
8	vergreen an	d Sanatoga Rd	s. P.O. Box	<u> </u>	Repair Organ	dizztion P.	D. No., 200 Ho., .	rtc.
S	anatoga, PA	19464ddress Philadelphia	Flectric	Company	Type Code Symbol !	STRITTED	N/A ·	
w	ork Performed by	LUTTERCTA	Name	-	Authorization No		N/A	
		arket St. Phil	adelphia,	PA 19101	Expiration Date	-	N/A	*
_	2301 Ma	Address	3					
		Snubber	s, System 1	03				NAME AND ADDRESS OF THE OWNER, STREET
ld	entification of Sy	struction Code ANSI			1071.	ddeada .	N/A	Code Case
82	Il Whitemir man	tion of Section XI Util ASME III 197 Imponents Repaired o		Winter 19	77	08 Cod	Winter 198 e Case	
INDE	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)
X					The same of the sa	OR OTHER DESIGNATION OF THE PERSON NAMED IN COLUMN 1		*
X	701 1/6	Pacific			DCA-185-	1	Replaced	Yes
X	PSA 1/4	Pacific Scientific	20656	None	E01-H002	-	Replaced Replace-	1
X	Snubber	Pacific Scientific Pacific			DCA-185-	181	Replace-	Yes
X	Snubber PSA 1/4	Scientific	20656	None None	E01-H002 DCA-185- E01-H002	'81	Replace- ment Replaced	Yes
X	Snubber PSA 1/4 Snubber	Scientific Pacific Scientific Pacific	20667	None	DCA-185- E01-H002 DBB-110-	'81	Replace- ment Replaced	1
X	Snubber PSA 1/4 Snubber PSA 1/2	Scientific Pacific Scientific Pacific Scientific			DCA-185- E01-H002 DBB-110- E07-H010		Replace- ment Replaced	Yes
X	Snubber PSA 1/4 Snubber PSA 1/2 Snubber	Scientific Pacific Scientific Pacific Scientific Pacific	20667	None	DCA-185- E01-H002 DBB-110-	181	Replace- ment Replaced	Yes
X	Snubber PSA 1/4 Snubber PSA 1/2	Scientific Pacific Scientific Pacific Scientific	20667	None	E01-H002 DCA-185- E01-H002 DBB-110- E07-H010 DBB-110-		Replace- ment Replaced	Yes

	9. Remarks Manufacturer's NF	NF-1	Data	Reports	attached	for	Index	items	1 thru	4 8	ind 6	
9.	Remarks	I Age as to be a second		Applica	DIS MISHURISCA	erer's Data Rep				• •	-	

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 Teplacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Engr. in Charge Maint./I&C Signed W Dland A Vector Date July 19 79 19 79

	INSERVICE INSPECTION
Province of Pennsylvania and employed by Hartford, Connecticut	have inspected the components described
Owner's Report in accordance with the requirements of the AS- By signing this certificate neither the Inspector nor his em	med examinations and taken corrective measures deacribed in

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

		Annual Control of the Section of the		Audio and an array of the state	ASME Code Section			
0/	yner Philade	lphia Electr	ic Company		Date July	19,198	39	***************************************
		rket St. Phi			Sheet 2 of	<u> 88</u>	3: m	AT 8
	REAL PROPERTY OF STREET, ST. STREET, ST.	Address						
Pla	ant Limeric	k Generating	Station	-	Unit One Phila.	Elec.Co	0 .	Marine de consessione
				· A ·	· See line 9	(sheet	t 1, back)	
ET	rergreen and	Sanatoga Rd	5. F.O. DO	A D	Repair Organ	stration P.	O. No., Job No.,	REC.
Sa	natoga, PA	Distribute anhie	Flectric	Company	Type Code Symbol :	Stamp	N/A ·	-
W	ork Performed by_	Philadelphia	Name	and the same of th	Authorization No		N/A	
	2201 No	rket St. Phi	ladelphia,	PA 19101	Expiration Date		N/A	
	2301 Fiz	Apdress .	, .	pge-print) than quateracentein				
*		snubbers	. System 1	03 · .				
(b) Applicable Edition * Material	on of Section XI Util : ASME Sect. I	Ized for Repairs	ition, Wi	Winter 1971Au us 19 80 Edit nter 1977	There's	-308 Code	Case
T			AND THE RESERVE AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU		1		2.44 m m "	ASMI
								Code
N							Repaired,	Stamp
		Name of	Manufacturer	National Board	Other	Year	Replaced,	· (Yes
2	Name of Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	Drive
1	Component	,						
1		* ,			DCA-113-		·	
1	PSA- 1	Pacific.	19949	None	E02-H001	1.	Replaced	Yes
3	Snubber	Scientific Pacific	19949		DCA-113-		Replace-	-
1	PSA- 1	Scientific	19843	None '	E02-H001	182	ment	Yes
+	Snubber PSA- 1	Pacific	THE PERSON NAMED IN COLUMN TWO	*.	DBB-112-		Replaced	37
4	Snubber	Scientific	9738	None	н004_	***	-	Yes
+	PSA- 1	Pacific			DBB-112-		Replace-	Ye
1	Snubber	Scientific	19873	None	H004	.82	ment '	10
+	PSA- 3	Pacific		**	GBB-118-		Replaced	Ye
1	Snubber	Scientific	14079	None	H056(A)		-	1
5	PSA- 3	Pacific	01005	None	H056(A)	182	Replace-	Ye
1	Snubber	Scientific	21205	Aone	NAMES OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY.	02	Replaced	1
1	PSA- 10	Pacific	7993	None	EBB-129-		Ventaced	Ye
6	Snubber	Scientific	7993	210110	H005(B)		Replace-	1
1	PSA- 10	Pacific	17520	None	EBB-129-	186	ment	Ye
1	Snubber	Scientific	11320	210216	H005(B)	DU	Replaced	1
7	PSA- 10	Pacific	9282	None	H041	1	1	Ye
-1	Snubber	Scientific	7202	110110	1		Replace-	1
7	PSA- 10	Pacific	17515	None	GBB-112-	186	ment	. Te
1	Snubber	Scientific	17515	Rone	H041	00	Replaced	1
-	PCA- 10	Pacific			GBB-119-		Trep and out	Ve

None

None

None

None

H041(A)

H041(A)

H008(B)

H008(B)

GBB-119-

GBB-120-

GBB-120-

7667

17569

9998

17407

Yes

Yes

Yes

Yes

Replace-

Replaced

Replace-

ment

'86 | ment

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

	mb (1 ada)	phia Electri	c Company		DateJA	ly 19.	1989	-
Ov	vner Philadel	Name Name						- 8/1
	2301 Mar	ket St; Phil	adelphia,	PA 19101	Sheet 3 of	23	3 011	8/14
Pla	Limerick	Generating	Station	*	Unit One Phila.	lilec.(Co.	
		a Compton R	de. P.O. B	· A xo	· See line 9	(sheet	1, back)	
1	Evergreen an	nd Sanatoga R	.00 , 1 , 00 , 0		Repair Organ	ization P.C). No., Job No.,	rtc.
	Sanatoga, PA	Philadelphia	Electric	Company	Type Code Symbol S	tamp	N/A	
W	ork Performed by_	Philadelphia	Neme	20101	Authorization No		N/A	-
	2301 Mar	rket St. Phil	adelphia,	PA 19101.	Expiration Date		N/A	
-	*************	Address .	CANADA CANADA CONTRACTOR AND A STATE OF THE				** :	
	entification of Syst	0 11	, Sytem 10	3 .			-	-
₫£	* Material	truction Code ANSI on of Section XI Util : ASME Sect. onponents Repaired o	III 1977 E	dition, W:	inter 1977	ion, W	inter 1981 -308 Code	Adde
10	ientification of Con	nponents Repaired o	r Replaced and ri	epiacai.			4 - 1-	
T								ASM
1								Code
I							Repaired,	Stamp
N D E	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	or No
X					GBB-102-	-	· ,	
T	PSA- 10	Pacific	1857	None	H003		Replaced	Ye
1	Snubber	Scientific	4001	Martin Control of the	GBB-102-		Replace-	
9	PSA- 10	Pacific ·	17518	None	H003	186.	ment	Ye
	Snubber	Scientific	272	* .	GBB-120-		Replaced	
-	PSA- 10	Pacific	12436	None	H007(B)			Ye
11	Snubber	Scientific Pacific			GBB-120-		Replace-	1
	PSA- 10	Scientific	17480	None	H007(B)	, 86	ment .	Ye
_	Snubber	Pacific			G:BB-119-		Replaced	Ye
-	PSA- 10	Scientific	12470	None	Н097		Den 3 - 00	1
12	Snubber PSA- 10	Pacific			G:BB-119-	100	Replace-	Ye
	PSA- 10.	Scientific	17548	None	H097	187	THE RESIDENCE AND ADDRESS OF THE PERSON OF T	1
-	Snubber	Pacific	1		EBB-131-		Replaced	Ye
	PSA- 10	Scientific	1854	None	H004		Replace-	1
13	Snubber PSA- 10	Pacific	1		EBB-131-	106	ment	Ye
	2 200	Scientific	17347	None	H004	186	HARLING SECRETARIAN AND THE SECRETARIAN SE	1
	Snubber PSA- 10	Pacific	1		H.BB-119-		Replaced	Ye
		Scientific	7998	None	H001			1
	Couphan	1 DEALERS CONTRACTOR						
14	Snubber				H BB-119-		Replace-	-87
14	Snubber PSA- 10 Snubber	Pacific Scientific	17343	None	H BB-119- H001 GBC-101-	186		Y

None

None

6362

7599

H081

GBC-101

H081

Yes

Yes

Replace-

'81 ment

Pacific

Pacific

Scientific

Scientific

PSA- 35.-

PSA- 35

Snubber

15 Snubber

WING THE TOUCH	lphia Electri	c Company		DateJune					
	t St., Philad		19101	Sheet of,	1				
-	Address								
Plant Limeric	k Generating	Station		Unit One					
Evergreen Sanatoga.	& Sanatoga Rd	s. P.O. Box		Mrf No. 8900835 Phila.Elec.Co					
		deline		Type Code Symbol Stamp N/A Authorization No. N/A N/A					
2301 Marke	t St., Philad	elphia, Pa	19101	Expiration Date		R/R			
	stem Snubbers	, System 1	03		-				
(b) Applicable Edit	struction Code ASMI tion of Section XI Util omponents Repaired o	ized for Repairs of	r Replacements	10 management	N-30	8 Code Cas	e		
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)		
E-3 Con	Pacific	114-		Snubber		Replace-	Van		
End Cap Nut	Scientific	74190	None	S/N 6698	1980	ment	Yes		
-			5						
		PARTICIONAL AND RESIDENCE CONTRACTOR CONTRAC							
Description of Wo	rk End Cap Ni	it replaced	on Snubb	er S/N 6698	per MR	F No. 8900	835.		
B. Tests Conducted:	Hydrostatic POther Pressure	neumatic No	minal Operation	N/A °F	*Trac Phil Code	eability p adelphia E No.	er lectri		

Remarks Manufacturers NF-1 Data Report Applicable Manufac	turer's Data Reports to be attached
	4
CERTIFICATE	OF COMPLIANCE
the comity that the statements made in the report an	e correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ASME Code, Section XI.	repair or replacement
ASME GOOD, GOETHER TO	
27/4	
Type Code Symbol StampN/A	7
N/A	Expiration Date N/A
Certificate of Authorization No. N/A Engr. in Charge Maint./I	GC - 1
(1) Clan A Vaster	Date July 17 19 89
Owner or Owner's Designee, Title	. 1
CERTIFICATE OF	FINSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the N	National Board of Boiler and Pressure Vessel Inspectors and the Stat
or Province of Pennsylvania and employed by	have inspected the components describe
Hartford, Connecticut	to 8-4-67, and state the
in this Owner's Report during the period	formed examinations and taken corrective measures described in th
the state of the A	ISME CODE, Section At.
to the company may his o	malover makes any warranty, explassed of
shall be liable in any manner for any personal injury or prop	erty damage or a loss of any kind arising from or connected with the
inspection.	0 -1107 - 1)
the demant of	ommissions National Board, State, Province, and Endorsements
Inspector's Signature	National Board, State, Province, and Endorsements
Dete 4 AUG 19 89	
	gricultural designation of the second

Owner Philadel	Name			Drite July				
2301 Market S	t., Philadel	lphia, Pa 1	9101	Sheet 1 of	1			
Plant Limerick	Generating	Station		Unit One Phila. Elec. Co.				
Evergreen and Sanatoga. Pa	Sanatoga Ro 19464 Address	ds. P.O. Bo	X A	See line 9, sheet one (back) Repair Organization P.O. No., Job No., etc.				
Work Performed by F	hiladelphia	Electric C	Company	Type Code Symbol S Authorization No		N/A		
2301 Market S	t. Philadel	phia, Pa 19	101	Expiration Date		N/A		
Identification of Syste	snubbers	, system 10)3					
Identification of Com			National	,		Repaired,	ASME Code Stamped	
D Name of E Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)	
D Name of E Component	Manufacturer Pacific	Serial No. *	Board No.	Identification GBB-	Built	or Replacement	or No)	
N Name of E Component X Adapter Bolt 1 1/2 x 1/2 Adapter Bolt	Manufacturer Pacific Scientific Pacific	Serial No. * 114- 73900 114-	Board No.	GBB- 112-H41 HBB-	Built N/A	or Replacement Replacement Replace-		
N D Name of E Component X Adapter Bolt 1 1/2 x 1/2 Adapter Bolt 2 1/2 x 1/2 Adapter Bolt 2 1/2 x 1/2	Pacific Scientific Pacific Scientific Pacific	Serial No. * 114- 73900 114- 73900 114-	Board No.	GBB- 112-H41	Built	Replacement	No.	
N Name of E Component X Adapter Bolt 1 1/2 x 1/2 Adapter Bolt 2 1/2 x 1/2 Adapter Bolt 3 1/2 x 1/2 Adapter Bolt 3 1/2 x 1/2 Adapter Bolt	Pacific Scientific Pacific Scientific Pacific Scientific	Serial No. * 114- 73900 114- 73900 114- 73900 114- 114-	None None	GBB- 112-H41 HBB- 119-H6 DCA-	N/A N/A	Replace- ment Replace- ment Replace- ment Replace-	No No	
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N Name of E Component X Adapter Bolt 1 1/2 x 1/2 Adapter Bolt 2 1/2 x 1/2 Adapter Bolt 3 1/2 x 1/2 Adapter Bolt 3 1/2 x 1/2 Adapter Bolt	Manufacturer Pacific Scientific Scientific Pacific Scientific Pacific Scientific	Serial No. * 114- 73900 114- 73900 114- 73900 114- 73900	None None None None	GBB- 112-H41 HBB- 119-H6 DCA- 101-H11 GBB- 107-H10	N/A N/A N/A N/A	Replace- ment Replace- ment Replace- ment Replace- ment Replace- ment	No No No liste	

(12/82)

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

Remarks Kelele	Applicable MRF No's belo	Data Reports to be attached	AMP NO
INDEX	MRF NO.	INDEX	MRF NO.
ACCUSATION OF THE PARTY OF THE			0001501
1	8900663		8901501
2	8901478	4	89013 09
	CERTIFICATE OF C	OMPLIANCE	
341	CERTIFICATE OF CO	ect and this replacement conform	is to the rules of the
ASME Code, Section		repair or replacement	
Maivie Lode, section			
Type Code Symbol S	StampN/A		
the pass pluipe.		- N/A	
Certificate of Autho	rization No. N/A	Expiration Date N/A	Alexander Control
En	of in Charge Maint/16C	Date July 19	19 89
Signed W	Dean My green	Date Voly	management 10 management
Owner or	Owner's Designes, Title		
	CERTIFICATE OF INSI	EDVICE INSPECTION	
	CERTIFICATE OF INST	al Board of Roller and Pressure Vessel In	spectors and the Stat
I, the undersigned, I	holding a valid commission issued by the Nation	S.B. I&I. Company	
or Province of Fel	, Connecticut	have inspected the	components describe
The second secon		10 8-4-87	, and state the
in this Owner's Re	port during the period	d examinations and taken corrective me	esures described in th
to the best of my	knowledge and belief, the Owner has performed	Code Section XI.	
	accordance with the requirements of the ASME certificate neither the Inspector nor his employed		mplied, concerning th
examinations and	corrective measures described in this Owner's ny manner for any personal injury or property d	amage or a loss of any kind arising from	or connected with th
shall be liable in ar	ny manner for any personal injury of property of		
inspection.	1/1/	0. 0407	THAI
1.10	WATERWALK A Commis	sions National Board, State, Province	and Engineements
- Cash	Inspector's Signature	National Board, State, Province	, sile Endorsements
4	AUG 18 89		
Date	PROPERTY OF THE PERSON NAMED AND POST OF THE	AND THE RESIDENCE AND THE PROPERTY OF THE PERSON OF THE PE	MARKET TO SERVICE MARKET PRODUCT CONTRACTOR OF THE PRODUCT OF THE

Name Date July 17,1989					
Philadelphia, PA 19101 Sheet 1 of 2	Sheet 1 of 2				
nerating Station Unit One					
anatoga-Rds., P.O. Box A See line 9, (sheet 1	DER FOR MALESCALES AND				
Address Repair Organization P.O. No., Jo	ib No., etc.				
delphia Electric Company Name Type Code Symbol Stamp N/A Authorization No. N/A					
, Philadelphia, PA 19101 Expiration Date N/A					
Apdress ,					
Snubbers, System 103					
ts Repaired or Replaced and Replacement Components	ASME				
National Repair Replair Repair Replair Replair Repair Replair Repair Repa	sced, (Yes				
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emarks	Reference ap	Applic	able 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		
	ymbol Stamp	N/A N/A			Date N/A
SignedOv	vner or Owner's Des	ignee, Title			July 17 1974
or Province	signed, holding s val of Pennsylva ord, Connect	id commission is	TIFICATE OF INSI ssued by the Nation mployed by H. S	al Board of Boi	ler and Pressure Vessel Inspectors and the State
Owner's Rep	port in accordance v	nd belief, the O vith the requirer either the Inspe	ector nor his employed in this Owner's	yer makes any Report. Furth Jamage or a loss	and taken corrective measures described in the XI. Warranty, expressed or implied, concerning the ermore, neither the inspector nor his employ of any kind arising from or connected with the A A A A A A A A A A A A A A A A A A A

- Andrews		COLUMN TO A STATE OF THE PARTY	E. M. MODE SERVICE AND ADDRESS OF THE PROPERTY	B.02001.000				
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	2301 Market	St., Philad	eiphia, ra	-7101	Sheet		Annual Service Control of Servic	
P	lent Limerick	Generating	Station		Unit One	n. Fle	c. Co.	
	Evergreen an	nd Sanatoga	Rds., P.O.	Box A .			(sheet 1,	back)
-	Samatoga, PA	A 19464			The second secon	CONTRACTOR DESCRIPTION	O. No., Job No.,	CHICAGO IN CONTRACTOR OF THE PARTY.
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3. ¥			14811.0		Authorization No	AND STREET STREET	N/A N/A	
	2301 Market	St., Philad	delphia, PA	19101	Expiration Data		N/FL	
	dentification of Syst		rs, System 1	103				***************************************
		St. 1 1 Commentmentanceurrenneumerrenner					N7/A	Code Case
1	b) Applicable Editio	on of Section XI Ut	ilized for Repairs o	r Replacemen	Winter 1971 A ts 1980 Edition code case	19 41 71 11 1	er 1981 Ad	denda,
5. 1	dentification of Com	nponents Repaired	or Mepiaceo and ri	epiacement Co	7	1	1744163	T
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Coda Stamped (Yes or No)
	3/4 x 5 1/8	Bergen			1	1	Replace-	
6	Load Pin	Paterson .	114-92888	N/A	DBA-112-H4	N/A	ment Replace-	No
	3/6 x 5 1/8	Bergen .	114-92888	N/A	рвв-105-н3	N/A	ment	No
7	Load Pin	Paterson	114-92000	14/27	EBB-108-	1	Replace-	
8	1" x 5 1/8" Load Pin	Bergen Paterson	114-92889	N/A	H38 (B)	N/A	ment	No
	2" x 7 1/2"			27./4	EBB-102-	N/A	Replace-	No
9	Load Pin	Paterson ·	114-92909	N/A	H12 (B) EBB-102-	N/A	Replace-	1
10	1 1/2x7 3/8 Load Pin	Bergen	114-92891	N/A	H12 (B)	N/A	ment	No
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Owner Philadel	phia Electr	ic Company		DeteJuly	19,19	89	
Owner	Name						
2301 Market S	St. Philadel	phia, Pa.	19101	Sheet 1 o	1		
Plant Limerick	Generating	Station		Unit One			
Evergreen & Sanatoga, Pa.	Sanatoga Rds	. P.O. Box	: A	Phil Mrf. No	CONTROL DECEMBER AND ASSESSMENT	3063	
	Acidress			Repair Cirgar		O. No., Job No.,	etc.
Work Performed by 1	Philadelphia	Electric	Company	Type Code Symbol !	Charlet the coreson	N/A	
		- William		Authorization No		N/A	
2301 Market	St. Philadel	iphia, Pa.	19101	Expiration Date		N/P	
Identification of Syste	C>>	s System 1	03				
(a) Applicable Construction (b) Applicable Edition	n of Section XI Util	ized for Repairs	or Replacement	1900 201 2101		er 1981 Ad 8 Code Cas	Code Case denda, e
Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No.	Other Identification	Year Bullt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
12" Pipe Clamp	Bergen	114-		EBB-		Replace-	
with load pin	Paterson	92320	None	108H4	N/A	ment	No
C	Hydrostetic Prossure	neumetic No.	ominal Operation	g Pressure N/A *F	*Trac Phil Code	eability pe adelphia E: No.	lectric
NOTE: Supplements tion in items 1 throuse recorded at the top of	ugh 6 on this repor	flists, sketches, or is included on	or drowings men each sheet, and	(3) each sheet is nu	mbered at	nd the number of	sheets is
12/82)	- (E000)	20) may be obtain	ned from the O	rder Dept., ASME, 34	5 E. 47th	St. New York, N	Y. 10017

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 N/A Certificate of Authorization No. N/A Engr. in Changes Mainty / I&C 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 of Province of Pennsylvania and employed by H.S.B. I&I. Company Hartford, Connecticut have inspected the components described in the Downer's Report during the period to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the 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 makes any warranty, expressed or implied, concerning the present of the ASME Code, Section XI. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the saminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the saminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the present of any manner for any personal injury or property damage or a loss of any kind arising from or connected with the inspection. Commissions National Board, State, Province, and Endorsements Determine The ADMS National Board, State, Province, and Endorsements	Remarks None	The state of the s	and the second
We certify that the statements made in the report are correct and this TEPLACEMENT 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 Engt. in Change Maint/I&C 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 H.S.B. I&I. Company on have inspected the components describe in this Owner's Report during the period to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in excordance 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 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 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 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 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 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 makes any warranty, expressed or implied, concerning the examinations and corrective mea		Applicable Manufacturer's Data Reports to be attached	
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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

system	No.	Description	of	Work	Performed
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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.

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