

LIMERICK GENERATING STATION UNIT 2 SUMMARY REPORT FOR THE JUNE 6, 1991 TO MARCH 16, 1993 PERIODIC INSERVICE INSPECTION

REPORT Nº 2

BOOK 1 OF 2

# INDEX

1.	Form NIS-1:	Owner's Report For Inservice Inspections
2.	Attachment 1	
		Summary of Examinations Performed
		Summary of Indications Observed
		List of Component Examinations (LEGEND)
		List of Component Examinations 51 Pages
3.	Attachment 2	2:
		Reference Drawings Class 1 and 2 Components
4.	Attachment 3	3:
		Summary of ASME Section XI Repairs and Replacements
		Form NIS-2 Owner's Report for Repairs and Replacements

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

Owner 2301 Marke	Street, Philadelphia, PA 19101 (Name an	d Address of Owner)		
Limerick G	enerating Station			
Plant P.O. Box 23	400, Sanatoga, PA 19464-2300			
	(Name a	nd Address of Plant)		
Plant Unit_2	4. Owner G	Certificate of Authorization	on (if required) N/A	
Commercial Service Da	teJanuary 8, 19906.1	National Board Number	for Unit3960	
Components Inspected				
components maples ten				
		Manufacturer		
Component or	Manufacturer	or Installer	State or	National
Appurtenance	or installer	Serial No.	Province No.	Board No.
Nuclear Reactor				
Vessel	Chicago Bridge & Iron Co.	B-5027	B116768	N/A
Class 1, 2, & 3				
Piping Systems		and any construction in an an one for small street street		
& Supports				

\*Traceability per Form N-5 Data Report, Design Specification and Line Number.

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

This Form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

# FORM NIS-1 (Back)

8. Examination Dates June 6, 1991 to March 16, 1993 9. Inspection Interval from January 8, 1990 to January 8, 2000
10. Applicable Editions of Section XI1986AddendaN/A
<ol> <li>Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. SEE: Attachment 1. Summary of Examinations Performed and Indications Observed Attachment 2, Reference Drawings - Class 1 and 2 Components</li> </ol>
12. Abstract of Conditions Noted. SEE: Attachment 1, Summary of Examinations Performed and Indications Observed
13. Abstract of Corrective Measures Recommended and Taken. SEE: Attachment 3, Summary of ASME Section XI Repairs and Replacements
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.
Certification of Authorization No. (if applicable) N/A Expiration Date N/A
Date June 4 19 93 Signed Philadelphia Electric Company By DL. Schwielt
Owner
CERTIFICATE OF INSERVICE INSPECTION  I. the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.L& I. Company of
Hartford, Connecticut have inspected the components described
in this Owner's Report during the period <u>6 JUNE 91</u> to <u>16 MARCH 93</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section Xi.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
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.
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.
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.

LIMERICK GENERATING STATION UNIT 2 SUMMARY REPORT FOR THE JUNE 6, 1991 TO MARCH 16, 1993 PERIODIC INSERVICE INSPECTION

REPORT Nº 2

ATTACHMENT 1

SUMMARY OF EXAMINATIONS PERFORMED

AND INDICATIONS OBSERVED

Summary Report #2 Attachment 1 Summary of Examinations Performed Page 1 of 4

# SUMMARY OF EXAMINATIONS PERFORMED:

During the period from June 6, 1991, through March 16, 1993, preservice and inservice inspections were performed at Limerick Generating Station, Unit 2. June 6, 1991, was the first day of the second fuel cycle. March 16, 1993, was the last day of the second refuel outage, 2R02. This day represents the end of the First Period of the First 10 Year Inspection Interval.

Examinations completed during this period were performed by Philadelphia Electric Company and General Electric Company. All examinations were performed in accordance with the requirements of ASME Section XI, 1986 Edition. A change in the ASME Section XI Code Effective Date from the 1980 Edition with Addenda through Winter 1981, used during the Construction Preservice Inspection, to the 1986 Edition for the First Interval required "Baseline" examinations of Code Category C-F-2 components.

In addition to examinations set forth by ASME Section XI, augmented examinations were performed in accordance with the following documents:

NRC Generic Letter 88-01 NUREG 0619 NUREG 0800 I. E. Bulletin 80-13 GE SIL 474 GE SIL 455 GE RICSIL 059

The attached List of Component Examinations details the inservice inspections performed during this period. A legend precedes this list to aid in review and interpretation of the document.

Summary Report #2 Attachment 1 Summary of Examinations Performed Page 2 of 4

The following is a summary of the components where ASME Code coverage of the weld and required volume was limited beyond the extent permitted by Code Case N-460. Included is an estimate of the coverage that was achieved and any resulting actions. The cause of the limitation is identified in the List of Component Examinations.

COMPONENT ID	PERCENT CODE COVERAGE	ACTION		
APE-2MS-LA-2 SWJ 1, 2, 3, 4	62.8%	Note 1		
EBB-203-1 FW 28, 29, 30, 31, 32, 33, 34, 35	77.9%	Note 1		
EBB-235-2 FW 24A, 13B, C, D FW 24B, 14B, C, D	80%	Note 1		
RPV Stablizer Brackets 0°, 45°, 135°	76%	Note 1		
N2C, D, H, J	82%	Note 2		
N4A	82.5%	Note 2		
N4C	76.4%	Note 2		
N4D, N4D-IR	85.8%	Notes 1 & 2		
FR	87.5%	Note 1		

Note 1: Submit Request for Relief prior to completion of the Inspection Interval.

Note 2: Limitation to automated examination techniques only. Schedule component for manual examination in area of limitation prior to completion of the Inspection Interval.

Summary Report #2 Attachment 1 Summary of Examinations Performed Page 3 of 4

The following is a summary of the pressure tests performed in accordance with IWA-5000 during this period.

SYSTEM	PROCEDURE	PRESSURE TESTS	CATEGORY	RESULTS	
All Class 1	ST-4-041-950-2	Leakage	B-P	SAT	
Main Steam Class 2	ST-4-001-950-2	Inservice	C-H	SAT	
2A RHR Service Water, Class 3	ST-4-012-950-2	Inservice	D-B	SAT	
2B RHR Service Water, Class 3	ST-4-012-951-2	Inservice	D-B	SAT	
RECW Class 2	ST-4-013-950-2	Inservice	C-H	SAT	
D21 Diesel Fuel Oil Transfer Class 3	ST-4-020-951-2 ST-4-020-961-2	Functional Functional	D-A	SAT SAT SAT SAT	
D22 Diesel Fuel Oil Transfer Class 3	ST-4-020-952-2 ST-4-020-962-2	Functional Functional	D-A		
D23 Diesel Fuel Oil Transfer Class 3	ST-4-020-953-2 ST-4-020-963-2	Functional Functional	D-A	SAT SAT SAT SAT SAT	
D24 Diesel Fuel Oil Transfer Class 3	ST-4-020-954-2 ST-4-020-964-2	Functional Functional	D-A		
MSIV Accumulators Class 3	ST-4-041-951-2	Inservice	D-A		
Class 2 and 3 Instrument Tubing and Suppression Pool Clean-up	ST-4-042-951-2	Inservice	C-H D-A, B, C		
Stand-by Liquid Control	ST-4-048-950-2 ST-4-048-952-2	Functional Inservice	C-H	SAT SAT	
RCIC	ST-4-049-950-2 ST-4-049-951-2	Functional Inservice	C-H C-H	SAT SAT	
RHR A Loop	ST-4-051-951-2	Functional	C-H	SAT	
RHR B Loop	ST-4-051-952-2	Functional	C-H	SAT	

Summary Report #2 Attachment 1 Summary of Examinations Performed Page 4 of 4

SYSTEM	PROCEDURE	PRESSURE TESTS	CATEGORY	RESULTS
RHR C Loop	ST-4-051-953-2	Functional	C-H	SAT
RHR D Loop	ST-4-051-954-2	Functional	C-H	SAT
Core Spray A & C Loops	ST-4-052-951-2	Functional	C-H	SAT
Core Spray B & D Loops Class 2	ST-4-052-952-2	Functional	C-H	SAT
Safeguard Piping Fill, Class 2	ST-4-052-953-2	Functional	C-H	SAT
HPCI Class 2	ST-4-055-950-2 SY-4-055-951-2	Functional Inservice	С-Н С-Н	SAT SAT
Primary Containment Instrument Gas	ST-4-059-950-2 ST-4-059-951-2 ST-4-059-951-2	Inservice Functional Functional	D-A D-A D-A	SAT SAT SAT
Liquid Radwaste Collection, Class 2	ST-4-061-950-2	Inse: vice	C-H	SAT
Drywell Chilled Water, Class 2	ST-4-087-950-2	Inservice	C-H	SAT
D21 Diesel Auxiliary Systems	ST-4-092-961-2	Functional/ Inservice	D-A	SAT
D22 Diesel Auxiliary Systems	ST-4-092-962-2	Functional/ Inservice	D-A	SAT
D23 Diesel Auxiliary Systems	ST-4-092-963-2	Functional/ Inservice	D-A	SAT
D24 Diesel Auxiliary Systems	ST-4-092-964-2	Functional/ Inservice	D-A	SAT

Summary Report #2 Attachment 1 Summary of Indications Observed Page 1 of 1

# SUMMARY OF INDICATIONS OBSERVED:

As a result of the examinations performed during the June 6, 1991, through March 16, 1993, inservice inspection period, numerous indications were recorded. Subsequent evaluations determined most indications to be non-revelant, either metallurgical or geometric in nature. No reportable indications were recorded as a result of inservice inspection.

Summary Report #2 Attachment 1 List of Component Examinations (Legend) Page 1 of 3

# LIST OF COMPONENT EXAMINATIONS (LEGEND):

- System identification and Figure Number identifying the reference drawing applicable to the components listed below.
- ASME Section XI Category and Item number applicable to the component. If there
  is an augmented requirement to perform an examination, then N/A + is listed in the
  location.
- 3. Component identification and description.
- 4. Exam method (NDE) applicable to the component.
- 5. NDE procedure used to perform the examination on the component.
- 6. Examination results broken down into 4 categories described below:
  - a. NOREC No recordable indications detected.
  - b. RECOR Recordable indications detected.
  - c. GEOM Geometric indications detected.
  - d. REPOR Reportable indications which required some type of corrective action.
- Remarks field for information concerning the component examination or evaluation of examination results. The following is a list of acronyms used in the "Remarks" field:
  - a. Geometric/Metallurgical Indication
    - ISG Inside Surface Geometry, Counterbore, component Geometry, Nozzle bore
    - OSG Outside Surface Geometry
    - CIG Clad Interface Geometry, Clad Cutback
    - RG
       Root Geometry
    - MD Metallurgical Discontinuity, Safe-End Butter Inclusions
    - Al Acoustic Interface

Summary Report #2 Attachment 1 List of Component Examinations (Legend) Page 2 of 3

- b. Non-Geometric Indications
  - PI Planar Indication
  - •LI Laminar Indication
  - LNI Linear Indication
  - Spot Indication
  - RI Rounded Indication
- c. Other

1

- NRI No Recordable Indications
- NRL Non-Relevant Indications -- Lift-Off, Couplant Noise, Electrical Noise, Water Signals, Indications Outside Inspection Volume
- BRD Beam Redirection
- RL Refracted Longitudinal Wave
- SC Shear Wave Component
- UT Ultrasonic Test
- MT Magnetic Particle Test
- PT Liquid Penetrant Test
- VT Visual Test
- WRV Weld and Required Volume

Summary Report #2 Attachment 1 List of Component Examinations (Legend) Page 3 of 3

	06/05/93 0W: 1		INSERVIC TERVAL, FIR	NERATING STATION U 5 INSPECTION SUMMA ST PERIOD, SECOND COMPLETED COMPONEN	RY DUTAGE (19	(6)	PAGE: 1
	EXAMINATION AREA	ASHE SEC. XI CATGY ITEN ND	EXAM	5 PEOCEDURE	К R R О E G E F R C E P E O O O C R K R	D	
0.	W (FIG NO XI-DLA-205-1)		********	PROCESSIE		REMARKS	*********
103300	DLA-205-1 FW1 24" CHECK VALVE RV-41-2FD74A TO FLUED HEAD (X-9A) 34 /287 /587 / D	K/&* K/A	UT-45,60	UT-PE-D02 R2V 7 FRR L1H-D7	хх	₩KI UY-45, ISG UT-60	
103500	DLA-205-1 FWS FLUED HEAD (X-9A) TO 24* CHECK VALVE 41-2FDIDA 14C /287 /473 / 5	R/A+ R/A	U7-45	UT-PE-DO2 REV 7 FRR L1H-DO7	x	NRI	
103800	DLA-205-1 FW2 ANCHOR: FLUED HEAD X-9A TD PENETRATION SLEEVE 14 /287 /587 / D	F-A F1.10	¥1-3	NDE-7 REV 2	x	WEI	
104100	EV. (FIG NO.XI-DLA-206-1) EV-61-2F074E (BOLTING) 24" A.O.CHECK VALVE HINGE PIN COVER BOLTING 13 /287 /587 / 0	8-6-2 87.70	¥7~1	NDE-7 REV 2	x	HR1	
104200	NV-41-2F074B (INT. SURF.) 24" X.D.EMECK VALVE (INTERNAL SURFACES) 13 /287 /587 / D	8-N-2+ 812.50	¥7-3	NDE-7 REY 2	x	NEL	
104800	DLA-206-1 FW1 24* VALVE HV-41-2FD748 TO FLUED HEAD X-98 13 /287 /587 / D	K/&* K/A	WT-45,60	UT-PE-DD2 REV 7 FRR LIM-D7	хх	MRI UT-45, ISC UT-60	
105000	DLA-206-1 FWS 24" FLUED READ X-96 TO VALVE 41-2F0108 13C /287 /473 /355	R/A+ R/A	47-45	UT-PE-DD2 REV 7 FRR LIM-D7	x	881	

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 CUMPLETED COMPONENTS

NUMBER	FW (FIG NO X1-DLA-205-1) DLA-205-1 FW1 24" CHECK VALVE HV-41-2F074A TO FLUED HEAD (X-9A)	ITEM NO	EXAM METHOD UT-45,60	PROCEDURE UT-PE-002 REV 7		REMARKS WRI UT-45, ISG UT-60
103500	14 /287 /587 / 0 DLA-205-1 FW3 FLUEC HEAD (X-9A) TO 24" CHECK VALVE 41-2F010A 14C /287 /473 / 3	N/A+		UT-PE-OD2 REV 7 FRR L1M-OD7	x	HR I
103800	DLA-205-1 FW2 ANCHOR: FLUED HEAD X-9A TO PENETRATION SLEEVE 14 /287 /587 / D	F-A	VT-3	NDE-7 REV 2	x	NRI
104100	FW (FIG NO XI-DLA-206-1) HV-41-2F074B (BOLTING) 24" A.O.CHECK VALVE HINGE PIN COVER BOLTING 13 /287 /587 / 0		VT-1	NDE-7 REV 2	x	NRI
104200	HV-41-2F074B (INT. SURF.) 24" A.O.CHECK VALVE (INTERNAL SURFACES) 13 /287 /587 / 0		VT-3	NDE-7 REV 2	X	NRL
104800	DLA-206-1 FW1 24" VALVE HV-41-2F074B TO FLUED HEAD X-9B 13 /287 /587 / D	N/A+ N/A	UT-45,60	UT-PE-002 REV 7 FRR LIM-07	X X	WRI UT-45, ISG UT-60
105000	DLA-206-1 FW3 24* FLUED HEAD X-9B TO VALVE 41-2F010B 13C /287 /473 /355	N/A+ N/A	UT-45	UT-PE-DO2 REV 7 FRR LIM-D7	x	NRJ

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# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA	SME SEC. XI CATGY ITEM NO	EXAM		E R E C	G C O R	R E P O O M R	REMARKS
109000	DLA-207-1 N4A1	₩/A+ N/A		GE-UT-208 REV D FRR LIM-11, 22		x	x	NRL, ISG, RG
109300	DLA-207-1 N4B1 SAFE END TO SAFE END (GE)(AZ.90 DEGREES) 14C /307 /473 / 90	N/A* N/A		GE-UT-208 REV 0 FRR LIM-11, 22		x	x	NRL, ISG, RG
109600	DLA-207-1 N4C1 SAFE END TO SAFE END (GE)(AZ.150 DEGREES) 18C /307 /473 /150	N/A+ N/A		GE-UT-208 REV 0 FRR LIM-11, 22		x		WRL
110000	DLA-207-1 N4A2 SAFE END TO NOZZLE (GE) (AZ.30 DEGREES) 14C /307 /473 / 30		UT-45	GE-UT-208 REV 0 FRR LIM-11, 22		ж	х	NRL, ISG, RG
110200	DLA-207-1 N482 SAFE END TO NOZZLE (GE) (AZ.90 DEGREES) 14C /307 /473 / 90		UT-45	GE-UT-208 REV 0 FRR LIM-11, 22		x	х	NRL, ISG, RG
110400	DLA-207-1 N4C2 SAFE END TO NOZZLE (GE) (AZ.150 DEGREES) 18C /307 /473 /150 FW (FIG NO X1-DLA-208-1)		UT-45	GE-UT-208 REV 0 FRR LIM-11, 22		x		NRL
116200	DLA-208-1 N4F1 SAFE END TO SAFE END (GE)(AZ.330 DEGREES) 13C /307 /473 /330	N/A+ N/A	UT-45	GE-UT-208 REV 0 FRR LIM-11, 22		ĸ	x	NRL, ISG, RG, 2 SI ACCEPTABLE TO ASME KI 1986

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# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	IDENTIFICATION	ASME SEC. X1 CATGY ITEM WO			D E R C E C		REMARKS
	FW (FIG NO XI-DLA-208-1)						
116500	DLA-208-1 N4E1 SAFE END TO SAFE END (GE)(AZ.270 DEGREES) 13C /307 /473 /270	R/A+ R/A	UT-45	GE-UT-20B REV 0 FRR LIM-11, 22	3	K X	WRL, ISG, RG
116800	DLA-208-1 N401 SAFE END TO SAFE END (GE)(A2.210 DEGREES) 17C /307 /473 /210	N/A+ N/A	UT-45	GE-UT-208 REV D FRR LIM-11, 22	3	K X	NRL, ISG, RG
117000	DLA-208-1 W4D2 SAFE END TO NOZZLE (GE) (AZ.210 DEGREES) 17C /307 /473 /210	N/A+ N/A	UT-45	GE-UT-208 REV 0 FRR LIM-11, 22	,	кх	WRL, ISG, RG
117200	DLA-208-1 N4E2 SAFE END TO NOZZLE (GE) (AZ.270 DEGREES) 13C /307 /473 /270	N/A+ N/A	UT-45	GE-UT-208 REV 0 FRR LIM-11, 22	3	K X	NRL, 1\$G, RG
117400	DLA-208-1 W4F2 SAFE END TO NOZZLE (GE) (AZ.330 DEGREES) 13C /307 /473 /330	N/A+ N/A	UT-45	GE-UT-208 REV D FRR LIM-11, 22	1	кх	ISG, RG, NRL
120700	FW (FIG NO X1-DBB-203-1) DBB-203-1 FW6 24" PIPE TO VALVE HV-41-2F074A 25 /287 /587 / D	R/A+ N/A	UT - 45	UT-PE-DO2 REV 7 FRR LIM-07	x		NRI
	FW (FIG NO X1-DBB-204-1)						
123500	DBB-204-1 FW2	N / F +	UT-45,60	UT-PE-002 REV 7		х	ISG UT-45, RG UT-60

 VALVE HV-41-2F032B TO 24"x
 N/A+
 FRR LIM-07
 COVERAGE LIMITED TO 79.5% OF WRV

 24"x 16" RED TEE
 N/A
 DUE TO CONFIGURATION, VALVE TO TEE

 2528/7
 /587 / 0

# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM ND	EXAM METHOD	PROCEDURE	CRMR	
	FW (FIG NO X1-DBB-204-1) DBB-204-1 FW3		UT-45	UT-PE-002 REV 7	x	RG
	16" PIPE TO VALVE HV-41-2098			FRR LIM-07		
	DBB-204-1-1A SW2 24"x 24"x 16" RED TEE TO 24" PIPE 25 /287 /567 / 0			UT-PE-002 REV 7 FRR LIM-D7	х	156
		N/A+ R/A		UT-PE-002 REV 7 FRR LIM-07	x	RG
124300	and the second sec	N/A+ N/A		UT-PE-002 REV 7 FRR LIM-07	x	NR I
	DBB-204-1-1A SW7 24" PIPE TO 24"x 6" SWEEPOLET 25 /287 /587 / 0	N/A+		UT-PE-002 REV 7 FRR LIM-07		NRI COVERAGE LIMITED TO 92.9% OF WRV DUE TO I-BEAM 25"-33"
	DBB-204-1 FW6 24" PIPE TO VALVE HV-41-2F074B 25 /287 /587 / 0	N/A+		UT-PE-DO2 REV 7 FRR LIM-07	хx	RG, 1 SI ACCEPTABLE TO ASME XI 1986
124900	DBB-204-1 FW4 24" X 24" X 16" RED. TEE TO 16" ELBOW 25 /287 /587 / D	N/A+ N/A	UT-45	UT-PE-DO2 REV 7 FRR LIM-07	хх	RG, NRL COVERAGE LIMITED TO 73.5% OF WRV DUE TO CONFIGURATION, TEE TO ELBOW
125500	DBD-204-1 FW3 24* PIPE TO VALVE HV-41-2F032B 25 /287 /587 / 0	N/A+ R/A	UT-45	UT-PE-DO2 REV 7 FRR LIM-D7	x	NRI

PAGE :

4

# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION		EXAM METHOD		R R E G E C E P D D D R M R	
	HPCI (FIG NO XI-DBA-206-1)					
125800	DBA-206-1 FW7 10" PIPE TO VALVE HV-55-2F002 17C /246 /473 /215	K/A+		UT-PE-DO2 REV 7 FRR LIM-07	X	RG
127300	DBA-206-1-38 SW3 10" PIPE TO 10"x10"x10" TEE 17C /250 /473 /216	N/A+		UT-PE-DO2 REV 7 FRR LIM-D7	x	RG
127500	DBA-206-1-38 SW4 10"x10"x10" TEE TO 10" BLIND FLANGE 17C /250 /473 /214		UT-45	UT-PE-DO2 REV 7 FRR LIM-D7	x	RG
127600	DBA-206-1-38 SW5 10"x10"x10" TEE TO 10" PIPE 17C /249 /473 /215 17C /249 /473 /215			FRR LIM-D6	х	NRI MT, RG UT-45
127700	DBA-206-1-38 SW5 10"x10"x10" TEE TO 10" PIPE 17C /249 /473 /215			UT-PE-002 REV 7 FRR LIM-07	x	RG
127800		8-J+ 89.11		MT-PE-DD1 REV 1 L1M-06 UT-PE-DD2 REV 7 L1M-07		NRI MT, RG UT-45
127900	DBA-206-1-38 SW6 104 PIPE TO ELBOW 17C /248 /473 /215	N/A+ N/A	UT-45	UT-PE-002 REV 7 FRR L1M-D7	x	RG
128000	DBA-206-1-38 SW7 10" ELBOW TO PIPE 17C /247 /473 /247 17C /247 /473 /247	8-J+ 89.11	MT UT-45	MT-PE-001 REV 1 FRR LIM-06 UT-PE-002 REV 7 FRR LIM-07	x	NRI MT, RG UT-45

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

and a contract	IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAN	PROCEDURE	N R R O E G E R C E D O C R M R	REMARKS
128100	17C /247 /473 /247	N/A+ N/A		UT-PF-002 REV 7 FRR LIM-07	×	RG
145500	HPC1 (FIG NO XI-EBB-229-1) EBB-229-1-1 SW1 14"x10" ECC. REDUCER TO 14" PIPE 18 /182 /180 / 0	C-F-2	UT-45	MT-PE-001 REV 1 FRR LIM-06 UT-PE-002 REV 7 FRR LIM-07		NRI MT, RG UT-45
172100	MS (FIG NO XI-APE-2MS-LA) APE-2MS-LA-2 SWJ1 2 1/2**X2**X2 1/2* LUG 26* PIPE (HA1) 14C /316 /473 / 72			MT-PE-001 REV 1 FRR LIM-06	x	NRI ASME CODE COVERAGE LIMITED TO 62.8% OF WRV DUE TO PIPE CLAMP
172200	APE-2MS-LA-2 SWJ2 2 1/2"x2"x2 1/2" LUG 26" PIPE (HA1) 14C /316 /673 / 72	B-K-1 B10.10		MT-PE-DD1 REV 1 FRR LIM-D6		NRI ASME CODE COVERAGE LIMITED TO 62.8% OF WRV DUE TO PIPE CLAMP
172300	APE-2MS-LA-2 SWJ3 2 1/2*x2*x2 1/2* LUG 26* PIPE (HA1) 14C /316 /473 / 72			MT-PE-DD1 REV 1 FRR LIM-D6	x	NRI ASME CODE COVERAGE LIMITED TO 62.8% OF WRV DUE TO PIPE CLAMP
172400	APE-2MS-LA-2 SWJ4 2 1/2"x2"x2 1/2" LUG 26" PIPE (HA1) 14C /316 /473 / 72			MT-PE-DO1 REV 1 FRR LIM-D6	x	NRI ASME CODE COVERAGE LIMITED TO 62.8% OF WRV DUE TO PIPE CLAMP

# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER					N R R O E G E R C E P E O O O C R M R	REMARKS
	MS (FIG NO XI-APE-2MS-LA)					
172500	HV-41-2F022A (BOLTING) 26" A.O.GLOBE VALVE BONNET BOLTING 14C /274 /473 / 10		VT-1	NDE-7 REV 2	x	WRI
172600	HV-41-2F022A (INT. SURF.) 26" A.O.GLOBE VALVE (INTERNAL SURFACES) 14C /274 /473 / 10		VT-3	NDE-7 REV 2	X	WRI
172800	6" X 10" RELIEF VALVE	8-6-2 87.70	VT-1	NDE-7 REV 2	x	MRI
172900	FLANGE BOLTING AT APE-2MS-LA-2		VT-1	NDE-7 REV 2	x	NRI
173000	6" X 10" RELIEF VALVE	8-G-2 87.70	vī-1	NDE-7 REV 2	x	WRI
173100	APE-2MS-LA-2 SWF (BOLTING) FLANGE BOLTING AT APE-2MS-LA-2 SWF 14C /291 /473 / 72		vī - 1	NDE-7 REV 2	X	NRI
173200	PSV-41-2F013J (BOLTING) 6" X 10" RELIEF VALVE BONNET/2ND STAGE BONNET 14C /2B0 /473 / 72	B-G-2 B7.70	¥1-1	WDE-7 REV 2	x	NRI

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER			EXAM METHOD		N R R D E G E R C E P E D O D C R M R	REMARKS
173300	MS (FIG NO XI-APE-2MS-LA) APE-2MS-LA-2 SWS (BOLTING) FLANGE BOLTING AT APE-2MS-LA-2 SWS 14C /280 /473 / 72		VT-1	NDE-7 REV 2	x	NRI
173400	APE-2MS-LA-2 SWN (BOLTING) FLANGE BOLTING AT APE-2MS-LA-2 SWN 14C /280 /473 / 72		¥7-1	NDE-7 REV 2	ĸ	NRI
173500	PSV-41-2F013A (INT. SURF.) 6" x 10" RELIEF VALVE (INTERNAL SURFACES) 14C /291 /473 / 72	B-M-2	¥7-3	NDE-7 REV 2	x	NRI
	PSV-41-2F013E (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 14C /291 /473 / 72		V7-3	NDE-7 REV 2	x	WRI
	PSV-41-2FD13J (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 14C /280 /473 / 72	8-M-2	VT-3	NDE-7 REV 2	x	NRJ
174200	APE-2MS-LA WA04 26" ELBOW TO VALVE HV-41-2F022A 14C /274 /473 / 10	N/A+ K/A	L/T ~45	UT-PE-002 REV 7 FRR LIM-07	X	MRI
174400	APE-2MS-LA WA05 26" VALVE HV-41-2F022A TO FLUED HEAD (X-7A) 14C /274 /473 / 10	N/A+ N/A	UT-45	UT-PE-002 REV 7 FRR LIM-07	X	NRI

# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

					NR R	
		ASHE			DEGE	
		SEC. XI			RCEP	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		EDDD	
NUMBER	IDENTIFICATION			PROCEDURE	CRMR	REMARKS
	***************************************	******	*******	****	$\phi_{i}(x) = \phi_{i}(x)$	*****
	MS (FIG NO XI-APE-2MS-LA)					
174500	APE-2NS-LA WA06		нт	MT-PE-001 REV 1	x	NRI MT, RG UT-45
	FLUED HEAD (X-7A) TO VALVE	B-J+		FRR LIM-06		
	HV-41-2F028A	89.11	UT-45	UT-PE-002 REV 7	х	
	25 /274 /587 / 0			FRR LIM-07		
176600	APE-2MS-LA WAD6		LIT-45	UT-PE-002 REV 7	x	RG
114000	FLUED HEAD (X-7A) TO VALVE			FRR LIM-07		
	HV-41-2F02BA	N/A				
	25 /274 /587 / 0					
17.700	ANY DUC 14 40 DUA		NT	MT-DE-001 DEV 1	×	NRI MT, NRI UT-45
174700		8-J		FRR LIM-06	- C	not stry may at the
				UT-PE-002 REV 7	× .	
	14C /321 /473 / 72 14C /321 /473 / 72	D7.11	01-40	FRR LIM-07	· ·	
	146 1921 1413 1 14			THE LOP OF		
						UNT NT UNT 117-75
174900	APE-2MS-LA-2 SWD				X	NRI MT, NRI UT-45
	26" PIPE TO 26"x8" SWEEPOLET			FRR LIM-06	~	
		89.31	01-45	UT-PE-002 REV 7	*	
	140 /291 /473 / 72			FRR LIM-07		
175000	APE-2MS-LA-2 SWE		MT	MT-PE-001 REV 1	x	NRI MT, NRI UT-45
	26"x8" SWEEPOLET TO 8" PIPE			FRR LIM-D6		
	140 /291 /473 / 72	B9.11	UT-45		Х	
	140 /291 /473 / 72			FRR LIM-D7		
175200	APE 2MS-LA-2 SWA		MT	MT-PE-DD1 REV 1	ж	NRI MT, NRI UT-45
	26" PIPE TO 26"x8" SWEEPOLET			FRR LIM-D6		
	140 /291 /473 / 72	B9.31	UT-45	U1-PE-002 REV 7	Х	
	140 /291 /473 / 72			FRR LIM-07		
175300	APE-2MS-LA-2 SWB		HT	MT-PE-DD1 REV 1	X	NRI MT, NRI UT-45
11.0000	26"x8" SWEEPOLET TO 8" PIPE	8-1		FRR LIM-D6		
	140 /291 /473 / 72	89.11	UT-45	UT-PE-002 REV 7	х	
	146 /291 /473 / 72			FRR LIM-07		
	the second second second					

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

					NR R	
		ASHE			DEGE	
		SEC. XI			RCEP	
CIMMERY	EXAMINATION AREA					
				PROCEDURE		REMARKS
and the second	IDEN: IF IGN: ION		PICTING			
	ME SETE NO NI ADE DALLAS					
	MS (FIG NO XI-APE-2MS-LA)					
175 700	ADD DAD IA D DUR		117	MT-DE-001 PEV 1	×	NRI MT, NRI UT-45
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Note Serve and a party			FRR J.IM-D6	^	and buy and so as
	26" PIPE TO 26"x8" SWEEPOLET				~	
		89.31		UT-PE-002 REV 7	a.	
	140 /280 /473 / 72			FRR LIM-07		
174200	ADD - DWD 1 4 77 014		117.45	UT-PE-002 REV 7	×	PC
				FRR LIM-07		
	26" PIPE TO ELBOW 140 /321 /473 / 10	40.000		TAK LIM UI		
	140 /321 /4/3 / 10	R/ A				
474800	APE-2MS-LA WAD1			MT-DE-001 REV 1		ND1 NT ND1 (17-25
176600				FRR LIN-06	~	ART MI, ART VI AV
	SAFE END TO PIPE (GE) (AZ. 72) 14C /321 /473 / 72					
		BY.11				
	140 /321 /473 / 72			FRR LIM-D7		
17/000	APPE Dave stat		10.7	NDE-7 DEV 3	~	1 RECORDABLE INDICATION ACCEPTABLE TO
176900			A1-2	MUE-1 KEV C	^	ASME X1 PER WCR LG-93-00060
		F-A				ADRE AT FER RUN LO TO DOUDD
	14C /316 /473 / 72	F1.10				
	MS (FIG NO XI-APE-2MS-LB)					
			107.4	UNC 7 BEU 5	~	AID 1
178500				NDE-7 REV 2	~	NK.
	6" X 10" RELIEF VALVE					
	BONNET/2ND STAGE BONNET	87.70				
	180 /291 /473 /108					
						arts r
	APE-2MS-LE-5 SWC (BOLTING)			NDE-7 REV Z	×	NK1
	FLANGE BOLTING AT APE-2MS-LB-5					
	SWC	B7.50				
	180 /291 /473 /108					
178700	PSV-41-2FD13F (BOLTING)	1.1	VT-1	NDE-7 REV 2	X	WRI
	6" X 1D" RELIEF VALVE	B-G-2				
	BONNET/2ND STAGE BONNET	B7.70				
	18c /291 /473 /108					

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LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	UMBER				PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARK'S
	178800	MS (FIG NO XI-APE-2MS-LB) APE-2MS-LB-5 SWF (BOLTING) FLANGE BOLTING AT APE-2MS-LB-5 SWF 18C /2P1 /473 /108		vT-1	NDE-7 REV 2	x	NR I
	178900	6" X 10" RELIEF VALVE	8-6-2 87.70	¥7-1	NDE-7 REV 2	x	NRI
	79000	APE-2MS-LB-5 SWJ (BOLTING) FLANGE BOLTING AT APE-2MS-LB-5 SWJ 18C /281 /473 /108		VT-1	WDE-7 REV 2	X	WR J
	79100	and the state of the	8-6-2 87,70	¥7-1	WDE-7 REV 2	x	NRI
1	79600	6" K 10" RELIEF VALVE	8-M-2 812.50	vī-3	WDE-7 REV 2	x	NRI
		PSV-41-2FD13F (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 18C /291 /473 /108		vt-3	WDE-7 REV 2	х	MRI
	79800	PSV-41-2F013K (INT. SURF.) 6" K 10" RELIEF VALVE (INTERNAL SURFACES) 18C /261 /473 /108	B-M-2 B12.50	VT-3	MDE-7 REV 2	x	NRL

# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA		EXAM METHOD	PROCEDURE		
	MS (FIG NO XI-APE-2MS-LB)					
	PSV-41-2F013N (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 18C /2B1 /473 /108	B-M-2	vī-3	MDE-7 REV 2	X	NRI
	MS (FIG NO XI-APE-2MS-LC)					
	26" A.D.GLOBE VALVE BONNET		v!-1	NDE-7 REV 2	X	NR1
185100	HV-41-2F028C (BOLTING) 26" A.O.GLOBE VALVE BONNET BOLTING 25 /274 /587 / 0		¥1+1	WDE-7 REV 2	х	NRI
185200		8-6-2	¥T-1	WDE-7 REV 2	X	NRI
	APE-2MS-LC-8 SWF (BOLTING) FLANGE BOLTING AT APE-2MS-LC-8 SWF 17C /291 /473 /252		vī-1	NDE-7 REV 2	x	NRI
185400	PSV-41-2F013G (BOLTING) 6" X 10" RELIEF VALVE BONNET/2ND STAGE BONNET 17C /291 /473 /252	B-G-2 B7.70	VT-1	WDE-7 REV 2	x	NRI
185500	APE-2MS-LC-8 SWC (BOLTING) FLANGE BOLTING AT APE-2MS-LC-8 SWC 17C /252 /473 /252		V7-1	WDE-7 REV 2	x	NR 1

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# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERICO, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	IDENTIFICATION		EXAM METHOD	PROCEDURE		REMARKS
	MS (FIG NO XI-APE-2MS-LC)					
	PSV-41-2FD13L (BOLTING) 6" X 10" RELIEF VALVE BONNET/2ND STAGE BONNET 17C /281 /473 /252	B-G-2	vī-1	NDE-7 REV 2	x	WRI
	APE-2MS-LC-8 SWM (BOLTING) FLANGE BOLTING AT APE-2MS-LC-8 SWM 17C /281 /473 /252		٧٦-1	NDE-7 REV 2	x	NRI
185900	NV-41-2F022C (INT. SURF.) 26" A.O. GLOBE VALVE (INTERNAL SURFACES) 13C /274 /473 /340		V7-3	NDE-7 REV 2	x	WRI
	HV-41-2F028C (INT. SURF.) 26" A.O. GLOBE VALVE (INTERNAL SURFACES) 25 /274 /587 / 0		vī-3	NDE-7 REV 2	x	NRI
	PSV-41-2F013C (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 17C /291 /473 /252		VT-3	NDE-7 REV 2	X	NRI
186200	PSV-41-2FD13G (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 17C /291 /473 /252		¥1-j	NDE-7 REV 2	x	NR I
186300	PSV-41-2F013L (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 17C /281 /473 /252	8-M-2 812.50	VT-3	NDE-7 REV 2	x	NEI

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION MS (FIG NO X1-APE-2MS-LD)	a second second	EXAM METHOD	PROCEDURE		
	HV-41-2F022D (BOLTING) 26" A.D.GLOBE VALVE BOWNET		vt-1	NDE-7 REV 2	x	NRI
	HV-41-2F028D (BOLTING) 26" A.O.GLOBE VALVE BONNET BOLTING 25 /274 /480 / 0		vī-1	NDE-7 REV 2	X	NRI
		B-G-2	VT-1	NDE-7 KEV 2	X	NRI
191200		8-G-2 87.50	¥7-1	NDE-7 REV 2	X	NRI
191300	6" X 10" RELIEF VALVE	8-6-2 87.70	VT-1	NDE-7 REV 2	x	NRI
	APE-2MS-LD-11 SWC (BOLTING) FLANGE BOLTING AT APE-2MS-LD-11 SWC 175 /291 /473 /288			NDE-7 REV 2	X	NR1
191500	PSV-41-2F013M (BOLTING) 6" X 10" RELIEF VALVE BONNET/2ND STAGE BONNET 17C /280 /473 /288	B-G-2 87,70	VT-1	NDE-7 REV 2	x	NRI

# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

					NRR	
		ASME			DEGE	
		SEC. XI			RCEP	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		EDDD	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	CRMR	REMARKS
		*******				
	MS (FIG NO XI-APE-2MS-LD)					
191600	APE-2MS-LD-11 SWW (BOLTING)		VT-1	NDE-7 REV 2	x	NR1
	FLANGE BOLTING AT	B-G-2				
	APE-2MS-LD-11 SWN	87.50				
	170 /280 /473 /288	0.120				
	116 /200 /4/3 /200					
191700	PSV-41-2F013S (BOLTING)		V7-1	NDE-7 REV 2	x	NRI
	6" X 10" RELIEF VALVE	B-G-2				
	BONNET/2ND STAGE BONNET	87.70				
	17C /280 /473 /288					
	110 1000 1410 1200					
				and the second second		
191800	APE-2MS-LD-11 SWS (BOLTING)		A1-2	NDE-7 REV 2	×	NRI
	FLANGE BOLTING AT	B-G-2				
	APE-2MS-LD-11 SWS	87.50				
	17C /280 /473 /288					
						the second s
191900	HV-41-2F022D (INT. SURF.)		V1-3	NDE-7 REV 2	X	NRL.
	26" A.O. GLOBE VALVE (INTERNAL	B-M-2				
	SURFACES)	812.50				
	17C /274 /473 /350					
102000	WV. / 1. 200205 / 14/2 MUST 1			AND T DEV 3		NO 1
192000	HV-41-2F02BD (INY, SURF.)		V 2	NDE-7 REV 2	×	NR1
	26" A.O. GLOBE VALVE (INTERNAL	B-r				
	SURFACES)	B12.50				
	25 /274 /480 / 0					
102200	PSV-41-2F013H (1MT. SURF.)		17.3	NDE. 7 DEV 5		WRL
142200			41-2	NUE"T KEY 6		RKL
	6" X 10" RELIEF VALVE	B-M-2				
	(INTERNAL SURFACES)	B12.50				
	17C /291 /473 /285					
102300	DEV-41-DEDITA (THT PURC )		VT-3	NDE-7 REV 2	×	NRI
192.300	PSV-41-2F013M (INT. SURF.)		41-3	NUE T KEY Z		AN1
	6" X 10" RELIEF VALVE	B-M-2				
	(INTERNAL SURFACES)	B12.50				
	17C /280 /473 /288					

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

				PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
192400	MS (FIG NO XI-APE-2MS-LD) PSV-41-2F013S (INT. SURF.) 6" X 10" RELIEF VALVE (INTERNAL SURFACES) 1/C /280 /473 /288	B-M-2	vt•3	NDE-7 REV 2	x	NRI
215600	MS (FIG NO X1-EBB-203-1) EBB-203-1 FW28 B" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / 0			MT-PE-001 REV 1 FRR LIM-06	x	NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EB0-203 H10
215700	EBB-203-1 FW29 B" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / D	C-C		MT-PE-001 REV 1 FRR LIM-06		NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EBB-203 H10
215800	EBB-203-1 FW30 8" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / 0	C-C		MT-PE-001 REV 1 FRR LIM-06	X	NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EBB-203 H10
215900	EBB-203-1 FW31 B" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / 0			MT-PE-DD1 REV 1 FRR LIM-D6		NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EBB-203 H10
216000	EBB-203-1 FW32 8" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / 0	c-c c3.20	ΥM	MT-PE-001 REV 1 FRR LIM-06	x	NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EBB-203 H10
216100	EBB-203-1 FW33 B" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / 0	C-C C3.20	мт	MT-PE-001 REV 1 FRR LIM-06	x	NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EBB-203 H10

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# LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

NUMBER	Y EXAMINATION AREA IDENTIFICATION				N R R D E G E R C E P E O D O C R M R	REMARKS
	MS (FIG NO XI-EBB-203-1)					
216200	8" SCH. 160 PIPE STANCHION TO			MT-PE-001 REV 1 FRR LIM-06	x	NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO E88-203 H10
216300	EBB-203-1 FW35 B" SCH. 160 PIPE STANCHION TO 26" PIPE (H10) 9 /259 /464M / 0					NRI ASME CODE COVERAGE LIMITED TO 77.9% OF WRV DUE TO EBB-203 H10
216500	EBB-203-1 FW2 26" ELBOW TO PIPE 25 /271 /480 / D	N/A+ N/A	RY	RT-PE-011 REV D	x	MRI
216700	EBB-203-1-1 FW2 LU MIN ELBOW SEAM MINIMUM 25 /271 /480 / 0	%/A+ R/A	RT	RT-PE-011 REV 0	x	NRI
216900	EBB-203-1-1 FW2 LU MLX ELBOW SEAM MAXIMUM 25 /271 /480 / D	N/A+ N/A	RY	RT-PE-011 REV 0	x	NRI
217100	EBB-203-1-1 SW1 26" PIPE TO ELBOW 25 /480 /480 / 0	N/A+ N/A	RT	RT-PE-011 REV 0	x	NRI
217300	EBB-203-1-1 SW1 LD MIN ELBOW SEAM MINIMUM 25 /274 /480 / 0	N/A+ N/A	RT	RT-PE-011 REV D	x	NRI
217500	EBB-203-1-1 SW1 LD MAX ELBOW SEAM MAXIMUM 25 /274 /480 / 0	H/A+ N/A	RT	RT-PE-011 REV D	x	NRI

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

					N 5	R	
		ASHE				GE	
		SEC. XI				EP	
CIMMAR	Y EXAMINATION AREA	CATGY				000	
				PROCEDURE			DEMADIC
	IDENTIFICATION			PROJEDUKE			REMARKS
	MS (FIG NO XI-EBB-203-1)						
							그는 것 같아요. 그는 것 같아? 감독하게 하는 것이 같아?
218900	EBB-203-1 FW10			MT-PE-001 REV 1	X		the second se
		C-F-2		FRR LIM-06			ASME CODE COVERAGE (UT) LIMITED TO 99.2%
		C5.51	UT-45				OF WRV DUE TO CONFIGURATION, ASME CODE
	5 /256 /355M / 0			FRR LIM D7			PLATE COMPLETE PER CODE CASE N-460
221600	EBB-203-1 FW36		117-45	UT-PE-002 REV 7		x	RG
	26" VALVE HV-41-2F028A TO 26"		01 42	FRR LIM-07		· · · ·	ONE SIDED EXAMINATION, SCAN PIPE SIDE
	PIPE 1.D. 23.647" MATCH V 1.D.			THE LIP OF			ONLY
	25 /274 /480 / 0	m/ m					SHE!
	27 /2/4 /400 / 0						
222200	EBB-203 H10		VT-3	NDE-7 REV 2	×		NRI
		F-A					
		F1.20					
	RCIC (FIG NO XI-EBB-235-1)						
310400	EBB-235-1-28 SW2		MT	MT-PE-001 REV 1	x		NRI MT, RG UT-45
	6" ELBOW TO PIPE	C-F-2		FRR LIM-06			
	18 /209 /279 / 0	C5.51	UT-45	UT-PE-002 REV 7		х	
	18 /209 /279 / 0			FRR LIM-07			
311300	EBB-235-1 FW14		MT	MT-PE-001 REV 1	x		NRI MT, RG UT-45
	6" PIPE TO PIPE			FRR LIM-06			
			UT-45	and a second second		x	
	18 /209 /279 / 0			FRR LIN-07			
	RCIC (FIG NO X1-EBB-235-2)						
313100	EBB-235-2 FW24A		HT.	MT-PE-001 REV 1	*		NP1
010100				THE POLICE I			

LUG EBB-235-2-43 TO 6" PIPE C-C FRR LIM-D6 ASNE CODE COVERAGE LIMITED TO 80% OF (H-27) C3.20 WRV DUE TO CONFIGURATION, PIPE CLAMP 14 /242 /370 / D

LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

NRR DEGE ASHE RCEP SEC. XI CATGY EXAM EOOO SUMMARY EXAMINATION AREA ITEM NO METHOD CRMR NUMBER IDENTIFICATION PROCEDURE PEMARKS the entries and entries and the second second second RCIC (FIG NO XI-EBB-235-2) 313200 EBB-235-2 FW138 HT. MT-PE-001 REV 1 X NRY LUG EBB-235-2-26 TO 6" PIPE ASME CODE COVERAGE LIMITED TO 80% OF 2-2 FRR LIM-D6 (8-27) C3.20 WRV DUE TO CONFIGURATION, PIPE CLAMP 14 /242 /370 / 0 313300 E88-235-2 FW13C MT MT-PE-DD1 REV 1 X NR1 LUG EBB-235-2-27 TO 6" PIPE C-C FRR LIM-06 ASME CODE COVERAGE LIMITED TO 80% OF WRV DUE TO CONFIGURATION, PIPE CLAMP (H-27) C3.20 14 /242 /370 / 0 313400 EBB-235-2 FW150 MT-PE-001 REV 1 X NR1 MT LUG EBB-235-2-28 TO 6" PIPE FRR LIM-D6 ASHE CODE COVERAGE LINITED TO BOX OF 0-0 (H-27) 05.20 MRV DUE TO CONFIGURATION, PIPE CLAMP 14 /242 /370 / 0 313500 EBB-235-2 FW24B MT-PE-OD1 REV 1 X 812.1 NT LUG EBB-235-2-44 TO 6" PIPE 0-0 FRR LIM-06 ASME CODE COVERAGE LIMITED TO 80% OF (H-27) WRV DUE TO CONFIGURATION, PIPE CLAMP C3.20 14 /242 /370 / 0 313600 EBB-235-2 FW14B MT-PE-DO1 REV 1 X NR1 MT LUG EBB-235-2-30 TO 6" PIPE 0-0 FRR LIM-06 ASME CODE COVERAGE LIMITED TO 80% OF WRY DUE TO CONFIGURATION, PIPE CLAMP (H-27) C3.20 14 /242 /370 / 0 313700 EBB-235-2 FW14C MT-PE-DD1 REV 1 X MR I MT ASME CODE COVERAGE LIMITED TO 80% OF LUG EBB-235-2-31 TO 6" PIPE FRR LIM-06 2-2 (8-27) WRY DUE TO CONFIGURATION, PIPE CLAMP C3.20 14 /242 /370 / 0 313800 EBB-235-2 FW14D MT MT-PE-OD1 REV 1 X NRT ASME CODE COVERAGE LINITED TO 80% OF LUG EBB-235-2-32 TO 6" PIPE 0-0 FRR LIM-06 (8-27) C3.20 WRV DUE TO CONFIGURATION, PIPE CLAMP 14 /242 /370 / 0

(3/4" WRAPPER PLATE) TO 18" C3.20

17 /180 /173 / 0

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ITEM NO	EXAM METHOD	PROCEDURE	N R R O E G E R C E P E O O O O C R M R	REMARKS
	RCIC (FIG NO XI-EBB-235-2)					
	EBB-235 H27 RIGID SUPPORT 14 /242 /370 / 0	F-A	VT-3	NDE-7 REV 2	х	NRI
	RHR (FIG NO XI-DCA-418-3)					
345500	DCA-418-3-2 SW3 12" PIPE TO PIPE (BIMETALLIC) 17C /297 /473 /230 17C /297 /473 /230	B-F	UT-45	FRR LIM-05		NRI PT, NRI UT-45
347000	PIPE SEAM	B-J		LP-PE-001 REV 3 FRR LIM-05 UT-PE-002 REV 7 FRR LIM-07		NRI PT, RG UT-45
347500	DCA-418-3 N17C SAFE END TO NOZZLE (AZ.225 DEG.) 17C /297 /473 /225					NRL RG UT-45, NRL RG ISG UT-45RL, NRL A1 ISG UT-60RL
	RHR (FIG NO X1-2P-202)					
367100	2BP-202 SWC-2 16 DISCHARGE ELBOW TO HEAD FLANGE WELD 18 /177 /174 / 0			MT-PE-OD1 REV 1 FRR LIM-DO6	X	WRJ
	RHR (FIG ND XI-GBB-201-1)					
379600	GBB-201-1 FW7 CIRC.WELD OF GBB-201-1 (H2)	C-C		MT-PE-001 REV 1 FRR LIM-D6	х	NRI

REVISION: 1

LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION		EXAM METHOD		N R R O E G E R C E P E O O O C R M R	REMARKS
******		*******				******
	RHR (FIG NO XI-GBB-201-1)					
379700	GBB-201-1 FW8 CIRC.WELD OF GBB-201-1 (H2) (3/4" WRAPPER PLATE) TO 18" 17 /180 /173 / 0		MT	MT-PE-OD1 REV 1 FRR LIM-D6	x	NRI
379800	GBB-201-1 FW9 LONG. WELD OF GBB-201-1 (H2) (3/4" WRAPPER PLATE) TO 18" 17 /180 /173 / 0		MT	MT-PE-OD1 REV 1 FRR LIM-06	x	NRI
379900	GBB-201-1 FW10 LONG. WELD OF GBB-201-1 (H2) (3/4" WRAPPER PLATE) TO 18" 17 /180 /173 / 0			MT-PE-DO1 REV 1 FRR LIM-D6	x	NRI
382400	GB8-201 H2 RIGID SUPPORT 17 /180 /173 / 0	F-A F1.20	VT-3	WDE-7 REV 2	x	NRI
	RHR (FIG NO XI-GBB-217-1)					
425900	GBB-217-1 FWBA LUG GBB-217-1-6 TO 18" PIPE (H1) 17 /191 /173 / 0	C-C C3.20	MT PT	MT-PE-DO1 REV 1 FRR LIM-D6 LP-PE-D01 REV 3 FRR LIM-D5		NRI MT, 1 LI PT ACCEPTABLE TO ASME KI 1986
426000	GBB-217-1 FWBB LUG GBB-217-1-7 TO 18" PIPE	C-C		MT-PE-001 REV 1 FRR LIM-06		NRI MT, NRI PT
	(H1) 17 /191 /173 / 0	C3.20	PT	LP-PE-001 REV 3 FRR LIM-05	î.	
426100	GBB-217-1 FWBC LUG GBB-217-1-8 TO 18" PIPE	C-C	мт	MT-PE-001 REV 1 FRR LIM-06		NRI MT, NRI PT
	(81) 17 /191 /173 / 0	C3.20	Γ¶.	LP-PE-001 REV 3 FRR LIM-05	x	

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND QUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

NUMBER			EXAM METHOD		N R R D E G E R C E P E D D D C R M R	REMARKS
	RHR (FIG NO XI-GBB-217-1)					
426200	GBB-217-1 FWBD LUG GBB-217-1-9 TO 18" PIPE	C-C		MT-PE-001 REV 1 FRR L1M-D6	x	NRI MT, NRI PT
	(H1) 17 /191 /173 / 0	C3.20	PT	LP-PE-001 REV 3 FRR LIM-05	X	
426300	GBB-217-1 FW8E LUG GBB-217-1-10 TO 18" PIPE			MT-PE-DO1 REV 1 FRR LIM-D6	x	NRI MT, NRI PT
	(H1) 17 /191 /173 / 0	C3.20	PT	LP-PE-001 REV 3 FRR LIM-05	x	
426400	GBB-217-1 FW8F LUG GBB-217-1-11 TO 18" PIPE	C-C	MT	MT-PE-001 REV 1 FRR LIM-06	x	NRI MT, NRI PT
	(H1) 17 /191 /173 / D	C3.20	PT	LP-PE-001 REV 3 FRR LIM-05	х	
426500	GBB-217-1 FW8G LUG GBB-217-1-12 TO 18" PIPE		MT	MT-PE-001 REV 1 FRR LIM-06	x	NRI MT, NRI PT
	(H1) 17 /191 /173 / 0	C3.20	PT	LP-PE-001 REV 3 FRR LIM-05	x	
426600	GBB-217-1 FW8H LUG GBB-217-1-13 TO 18" PIPE			MT-PE-001 REV 1 FRR LIM-06	х	NRI MT, NRI PT
	(81) 17 /191 /173 / 0	C3.20	ΡŢ	LP-PE-001 REV 3 FRR LIM-05	X	
428300	GBB-217 H1 RIGID SUPPORT	F-A	VT-3	NDE-7 REV 2	x	NRI
	17 /191 /173 / 0	F1.20				
	RHR (FIG NO XI-HBB-217-1)					
487300	HBB-217-1 FW2 24" PENETRATION (K-203A) TO	C-F-2	ИT	MT-PE-DO1 REV 1 FRR LIM-D6	х	NRI MT, 1 SI UT-D ACCEPTABLE TO ASME XI 1986 ISG UT-45

FRR LIM-07

VALVE HV-51-2F004A C5.51 UT-0,45 UT-PE-002 REV-7 X X

17 /192 /173 / 0

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

NUMBER	IDENTIFICATION		EXAM METHOD		O R E C	O O R N	E P O R	
	RHR (FIG NO X1-HBB-217-1)							
	And Developed Statistics of the Statistic State State State States							
487700	HBB-217-1 FW53				х			NRI MT, NRI UT-O, RG UT-45
		C-F-2		FRR LIM-06	1			
	17 /181 /173 / 0 17 /181 /173 / 0	C5.51	UT-0,45	UT-PE-DO2 REV 7 FRR LIM-07	x	X		
	RHR (FIG NO KI-HBB-218-1)							
495100	HBB-218-1 FW7		PT	LP-PE-001 REV 3	×			NRI PT, NRI UT-45
472100	VALVE HV-51-2F008 TO 20" PIPE				2			and try mat by the
	18 /244 /376 / 0				х			
	18 /244 /376 / 0			FRR LIM-07				
495200					x			WRI PT, NRI UT-45
	20" PIPE TO PIPE (BIMETALLIC)							
	18 /242 /376 / 0 18 /242 /376 / 0	C5.11	UT-45	UT-PE-DO2 REV 7 FRR LIM-D7	х			
	RHR (FIG NO XI-HBB-218-3)							
501700	HBB-218-3 FW7		NT	MT-PE-001 REV 1	×			NRI MT, NRI UT-D,45 ONE SIDED
	20" PIPE TO VALVE HV-51-2F006A			FRR LIM-D6				EXAMINATION SCANNED PIPE SIDE ONLY
	17 /184 /173 / 0				х			
	17 /184 /173 / 0			FRR L1M-07				
	RHR (FIG NO XI-HBB-218-4)							
504700	HBB-218-4 FW1		HT	MT-PE-001 REV 1	X			NRI MT, NRI UT-D, ISG UT-45
	ELBOW TO 24"x24"x20" RED. TEE	C-F-2		FRR LIM-06				
	17 /181 /173 / 0	C5.51	UT-0,45	UT-PE-002 REV 7	X	X		
	17 /181 /173 / 0			FRR LIM-07				
505200	NBB-218-4-1 SW5		MT	MT-PE-001 REV 1	x			NRI MT, NRI UT-D, ISG & RG UT-45
	24" PIPE TO 24"x24"x20" RED.	C-F-2		FRR LIM-06				
	TEE	C5.51	UT-0,45	UT-PE-002 REV 7	Х	X		
	17 /182 /173 / 0			FRR LIM-07				

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 2 COMPLETED COMPONENTS

		ASME			0 8	R E G E E P	
PU MANA DIV		SEC. XI CATGY				000	
				PROCEDURE			REMARKS
an and the second	10Ch1171GA110M	1150 80					
	RHR (FIG NO XI-HBB-218-4)						
505900	HBB-218-4-1 SW2 LU		MT	MT-PE-001 REV 1	х		NRI MT, NRI UT-0,45
	REDUCER SEAM	C-F-2		FRR LIM-D6			
	17 /181 /173 / 0	c5.52	UT-0,45	UT-PE-002 REV 7	х		
	17 /181 /173 / 0			FRR LIM-07			
504000	upp 340 / 4 p/3		нт	WT-DE-001 DEV 1	×		NRI MT, NRI UT-O, ISG UT-45
506000	MBB-218-4-1 SW2 30" X 24" ECC. REDUCER TO	C-F-2		FRR LIM-06			and they and be by the best of
	ELBOW			UT-PE-002 REV 7	×	x	
	17 /181 /173 / 0	Seat 2. 2 1	01 0140	FRR LIM-07			
	RHR (FIG NO X1-HBB-218-6)						
509300	HBB-218-6-1 SW3		MT	MT-PE-001 REV 1	х		NRI MT, NRI UT-O, ISG UT-45
	24" PIPE TO 30"x24" ECC.	C-F-5		FRR LIM-06			
	REDUCER	C5.51	UT-0,45		X	x	
	17 /181 /173 / 0			FRR L1M-07			
509900	HBB-218-6-1 SW3 LD		HT	MT-PE-DO1 REV 1	x		NRI MT, NRI UT-0, ISG UT-45
	REDUCER SEAM	C-F-2		FRR LIM-06			
	17 /181 /173 / 0	c5.52	UT-0,45	UT-PE-002 REV 7	х	Х	
	17 /181 /173 / 0			FRR LIM-D7			
	000 (FTP NO VI DE E DO 1)						
	RPV (FIG NO XI-BE-5 PG. 1)						
534400	CRD HOUSING FLANGE BOLTING		VT-1	NDE-7 REV 2	х		LOCATIONS: 14-15, 14-23, 14-31, 18-31,
	185 CRD HOUSING FLANGES B/FLNG	B-G-2					22-15,22-23, 22-31, 22-47, 26-27, 26-31,
	BH, 266'3", -	87.80					26-39, 30-19, 30-23, 30-27, 30-31,
	BH, 266*3*, -						30-35, 30-39, 30-47, 34-27, 34-31,
							38-03, 38-23, 38-31, 38-47, 42-03,
							46-19, 46-23, 46-31, 50-31,
	RPV (FIG NO XI-RF-7 PG. 2)						
575000	BRU STR AT JON TIMES		107.1	WHE. 1 DEV 3	×.		NDI

535900 RPV-21N N7 (BOLTING) VT-1 NDE-1 REV 3 X NRI HEAD SPRAY FLANGE 8 STUDS/16 B-G-2 NU B7.10 AREA 13, ROOM 710A, ELEV 340

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N R R D E G E R C E P E O O O C R M R	REMARKS
	RPV (FIG NO KI-BH-3 PG. 1)					
536000	RPV STABILIZER BRACKET (D DEG. BRACKET TO RPV WELD 14C, 313'4", O DEG 14C, 313'4", O DEG	) B-H B8.10	NT VT-1	MT-PE-001 REV 1 FRR LIM-06 NDE-1 REV 3	x x	NRI MT, NRI VT-1; ASME CODE COVERAGE LIMITED TO 76% OF WRV DUE TO BIO SHIELD AND INSULATION, VT-1 PERFORMED IN LIMITED AREA
536100	RPV STABILIZER BRACKET (45 DEG BRACKET TO RPV WELD 14C, 313*4*, 45 DEG. 14C, 313*4*, 45 DEG.	а.) В-Н В8.10	MT PT √T-1	MT-PE-001 REV 1 FRR LIM-06 LP-PE-001 REV 3 FRR LIM-05 NDE-1 REV 3	x	1/4" LI MT ACCEPTABLE TO ASME XI 1986, NRI MT NRI VT-1; ASME CODE COVERAGE LIMITED TO 76% OF WRV DUE TO BIO SHIELD AND INSULATION, PT, VT-1 PERFORMED IN LIMITED AREA
536300	RPV STABILIZER BRACKET (135 DE BRACKET TO RPV WELD 18C, 313'4", 135 DEG 18C, 313'4", 135 DEG	G.) B-H B8.10	NT PT VT-1	MT-PE-001 REV-1 FRR LIM-06 LP-PE-001 REV 3 FRR LIM-05 NDE-1 REV 3		NRI MT, NRI PT, NRI VT-1; ASME CODE COVERAGE LIMITED TO 76% OF WRV DUE TO BIO SHIELD AND INSULATION; PT,VT-1 PERFORMED IN LIMITED AREA
	RPV (FIG NO XI-BH-4 PG. 1)					
536800	LIFTING LUG (O DEG.) LUG TO CLOSURE HEAD WELD FF, 352', O DEG	N/A+ N/A	мт	MT-PE-D01 REV 1 FRR LIM-D6	x	NRI MT
537300	RPV (FIG NO XI-BN-1 PG. 1,2) STEAM DRYER DRYER ASSY WELDS, SURFACE & LUG FF, 3524, -	N/A+ N/A	v7-1,3	NDE-8 REV 4	x	NRI; VT-1 OF DRAIN CHANNEL WELDS PER SIL 474
538000	RPV (FIG NO KI-BN-10 PG. 1) SHROUD-SUPPORT CYLINDER WELD SHROUD SUPPORT WELD RPV INTR, 277'3, CIRC	B-¥-2 B13.40	VT-3	NDE-8 REV 4	x	NRI; INSPECTION AT 300 DEG. AZ

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

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					N.R.R	
		ASKE			OEGE	
		SEC. XI			RCEP	
SUMMARY	EXAMINATION AREA	CATGY			EDDD	
			METHOD	PROCEDURE	CRMR	REMARKS
						***************************************
	RPV (FIG NO XI-BN-10 PG. 1)					
539200	SHROUD SUPPORT LEG (300 DEG)		VT-3	NDE-8 REV 4	х	NR1; ACCESS THROUGH JP #18
	SHROUD SUPPORT ASSY. WELDS					
	RPV INTR, 266'3"-276', 300 DEG	B13.40				
	RPV (FIG NO XI-BN-2 PG. 2)					
540600	SHROUD HEAD BOLTS		VT-3	NDE-7 REV 2	x	NRL: INSPECTED REPLACEMENT BOLT #7 ONLY
240000		N/A+	*** 2	The Part of the		
	BRACKETS	N/A				
	FF, 352', -					
	RPV (FIG NO XI-BN-6 PG. 1)					
551300	CONTROL ROD DRIVE ASSY'S (185)		VT-3	WDE-7 REV 2	x	MRI; INSPECTED 29 CRD'S DURING REBUILD,
	185 GUIDE TUBES & CRD HOUSINGS					SEE SUM NO 534400 FOR LOCATIONS.
	RPV INTR, 266'3"-283'6", -					INSPECTION OF GUIDE TUBES AND HOUSINGS
	RPV INTR, 266'3"-283'6", -					FROM RPV INTERIOR NOT PERFORMED
551400	CONTROL ROD ASSEMBLIES (185)		V7-3	NDE-8 REV 4	х	INSPECTED CRB 34-07; MINOR SCRATCHES
	185 RODS BY CORE POSITION	B-N-1				NOTED
	RPV INTR, 283'6" - 298',-	813.10				
	RPV (FIG NO XI-BN-6 PG. 2)					
551500	STUB TUBE TO CRD HOUSING WELD		V7-3	NDE-B REV 4	х	NR1; INSPECTIONS AT 300 DEG. AZ
	(185) CRD HOUSINGS	8-N-2				
	RPV INTR, 266'3", -	B13.40				
551600	CRD STUB TUBE TO RPV WELD		VT-3	NDE-B REV 4	Х	NRI; INSPECTIONS AT 300 DEG. AZ
	(185) CRD HOUSINGS	B-N-2				
	RPV INTR, 266'3", -	B13.40				
	RPV (FIG NO XI-BN-7 PG. 1)					
551700	TOP GUIDE ASSEMBLY		VT-3	NDE-8 REV 4	х	NR1; INSPECTIONS AT CORE CELL 34-07
	WELDS & SURFACES	B-N-1				
	RPV INTR, 298', -	B13.10				

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#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
552200	185 CASTINGS BY CORE POSITION		VT-3	NDE-8 REV 4	x	WRI; INSPECTED FUEL SUPPORT PIECE 34-07
552300	RPV (FIG NO XI-BN-8 PG. 2) T-BOX-FRONT COVER PLT WLD (60 I HEADER T-BOX WELD	DEG) N/A* N/A	V7-1	NDE-8 REV 4	x	WR1
552400	T-BOX-FROWT COVER PLT WLD (300 HEADER T-BOX WELD	DEC) N/A* N/A	VT-1	NDE-8 REV 4	x	NR I
552500	T-BOX-THERMAL SLEEVE WELD (300 HEADER T-BOX WELD	DEG) N/A+ N/A	vī-1	NDE-8 REV 4	x	NRI
552600	T-BOX-THERMAL SLEEVE WELD (60 I HEADER T-BOX WELD	DEG) N/A+ N/A	¥T-1	NDE-8 REV 4	x	NRI
552800	RPV (FIG NO XI-BN-8 PG. 5) A CORE SPRAY SPARGER (NSA) UPPER SPARGER ASSY. & BRKTS RPV INTR, 299'2", 273-88 DEG.	N/A+	vī - 1	NDE-8 REV 4	x	WRI
553000	A CORE SPRAY DOWNCOMER (H5A) PIPE ASSY., HDR TO SPARGER RPV INTR, 306'7"-299'2" 10 DEG	N/A+	VT-1	NDE-8 REV 4	x	NRI

## LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION		EXAM METHOD			REMARKS
	RPV (FIG NO XI-BN-8 PG. 5)					
553200	C CORE SPRAY SPARGER (N5A) UPPER SPARGER ASSY. & BRKTS RPV INTR, 299'2", 93-267 DEG.	N/A+	vī-1	NDE-8 REV 4		NRI
	C CORE SPRAY DOWNCOMER (N5A) PIPE ASSY., HDR TO SPARGER RPV INTR, 306'7"-299'2" 170 DE	N/A+	¥T-1	NDE-B REV 4	x	MRI
553600	A & C CORE SPRAY HEADER (N5A) PIPE ASSY. & BRACKETS RPV INTR, 306'7", 10-170 DEG.	N/A+	VT-1	NDE-8 REV 4	x	NRI
	B CORE SPRAY SPARGER (N5D) LOWER SPARGER ASSY. & BRKTS RPV INTR, 297'11", 273-88 DEC	N/A+	vī - 1	NDE-8 REV 4	х	NRI
554000	B CORE SPRAY DOWNCOMER (N5B) PIPE ASSY., HDR TO SPARGER RPV INTR, 306'7"-297'11" 350 C	航/系+	¥T-1	NDE-8 REV 4	x	NRI
554200	D CORE SPRAY SPARGER (N58) LOWER SPARGER ASSY. & BRKTS RPV INTR, 297,11", 93-267 DEG.	N/A+	vī - 1	NDE-8 REV 4	x	NRI
554400	D CORE SPRAY DOWNCOMER (N58) PIPE ASSY., HDR TO SPARGER RPV INTR, 306'7"-297'11" 190 I	N/A+	VT - 1	NDE-8 REV 4	x	NRI
554600	B & D CORE SPRAY HEADER (N5B) PIPE ASSY. & BRACKETS RPV INTR, 306'7", 190-350 DEG	N/A+	vī - 1	NDE-8 REV 4	X	NRI

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
560600	RPV (FIG NO X1-FA-1 PG. 2) CB SKIRT KNUCKLE ASSY. WELD 14C, VW, 12 DEG.	F-& F1.40	VT-3	NDE-7 REV 2	x	NRI
560700	CC SKIRT KNUCKLE ASSY. WELD 18C, VW, 102 DEG.	F-A F1.40	VT -3	NDE-7 REV 2	x	KR I
561300	CK SKIRT FLANGE ASSY. WELD 14C, VW, D DEG.	F-A F1.40	VT-3	NDE-7 REV 2	x	NRI
561400	CM SKIRT FLANGE ASSY. WELD 14C, VW, 60 DEG.	F-A F1.40	VT-3	NDE-7 REV 2	x	NRI
561500	CN SKIRT FLANGE ASSY. WELD 18C, VW, 120 DEG.	F-A F1.40	vī - 3	NDE-7 REV 2	x	NRI
561900	CT SKIRT TO FLANGE WELD CIRC, 265°, CIRC	F-A F1.40	V1-3	NDE-7 REV 2	x	NRI; EXAMINED O TO 120 DEG. ONLY
562000	CW SKIRT TO SKIRT KWUCKLE WELD CIRC, 271', CIRC	F-A F1.40	VT-3	NDE-7 REV 2	x	WRI
562100	RPV (FIG NO X1-FA-1 PG. 3) SKIRT FLANGE BOLTS 1-20 SKIRT FLANGE-RING GIRDER BOLTIN PED, 260', 0-120 DEG	F-A F1.40	VT-3	NDE-7 REV 2	x	NRI

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. X1 CATGY ITEM NO		PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
	RPV (FIG NO XI-FA-1 PG. 3)					
562200	SKIRT FLANGE NUTS 1-20 SKIRT FLANGE-RING GIRDER BOLTIN PED, 260°, 0-120 DEG	F-A F1.40	VT-3	WDE-7 REV 2	x	NRJ
562300	SKIRT FLANGE WASHERS 1U,L-20U, SKIRT FLANGE-RING GIRDER BOLTIN PED, 260°, 0-120 DEG	L F-A F1_40	VT-3	NDE-7 REV 2	X	NR1
563000	RING GIRDER SECT BOLTING 60 DE 4 BOLTS, 4 MUTS PED, 260', 60 DEG.	F-A	¥7-3	WDE-7 REV 2	x	2 BOLT ASSEMBLIES FOUND LOOSE RECORDED PREVIOUSLY DURING PS1, ACCEPTABLE PER BECKTEL NCR# 12886
563100	RING GIRDER SECT BOLTING 150 D 4 BOLTS, 4 NUTS PED, 260°, 150 DEG.	F-A	VT-3	NDE-7 REV 2	x	OUTER BOLT ASSMBLY FOUND LOOSE RECORDED PREVIOUSLY DURING PSI, ACCEPTABLE PER BECHTEL NCR# 12866
563200	RING GIRDER SECT BOLTING 240 D 4 BOLTS, 4 NUTS PED, 260°, 240 DEG.	F-A	VT-3	NDE-7 REV 2	x	NR1
563300	RING GIRDER SECT BOLTING 330 D 4 BOLTS, 4 NUTS PED, 260', 330 DEG.	F-A	VT-3	NDE-7 REV 2	к	NRI
563400	RING GIRDER BOLTS 1A, B-20A, B RING GIRDER ANCHOR BOLTING PED, 260°, 0-120 DEG	F-A F1.40	VI-3	NDE-7 REV 2	х	NRI
563500	RING GIRDER NUTS 1A, B-2DA, B RING GIRDER ANCHOR BOLTING PED, 260', D-120 DEG	F-A F1.40	VT-3	NDE-7 REV 2	x	NRI

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

		ASHE			NR R DEGE	
		SEC. XI			RCEP	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		EOOO	
NUMBER	IDFATIFICATION	ITEM NO	METHOD	PROCEDURE	CRMR	REMARKS
*******	******************************	******	********		* * * *	***************************************
	RPV (FIG NO XI-FA-1 PG. 3)					
563600	RING GIRDER WASHERS 1A, 8-20A, 8		VT-3	NDE-7 REV 2	х	NRI
	RING GIRDER ANCHOR BOLTING					
	PED, 260', 0-120 DEG	F1.40				
	RPV (FIG NO XI-FA-2 PG, 1-3)					
564300			V7-3	NDE-7 REV 2	х	NRI
	STABILIZER ASSEMBLY & BRACKETS					
	14C, 313'4", 0 DEG	F1.40				
56/200	RPV STABILIZER (45 DEG)			NOT 7 854 5		
204400	STABILIZER ASSEMBLY & BRACKETS		¥1-5	NDE-7 KEV Z	×	Nà I
	14C, 313'4", 45 DEG					
564600	RPV STABILIZER (135 DEG)		VT-3	MDE-7 REV 2	x	NRI
	STABILIZER ASSEMBLY & BRACKETS					
	18C, 313'4", 135 DEG	F1.40				
	RPV (FIG NO XI-RPV-2 PG. 1.2)					
					х х	NRI UT-D, CIG UT-45,60
	SHELL 1 TO BOTTOM HEAD			FRR LIM-14		
	CIRC, 276'9", CIRC	B1.11				
565200	AA TOP SIDE		UT-0.45.60	UT-PE-005 REV 4	x	OSG UT-0, CIG & WRL UT-45, CIG UT-60;
	concerning the state of the second state of th	B-A		FRR LIM 10		ASME CODE COVERAGE LIMITED TO 95.9% OF
	CIRC, 276*9", CIRC	B1.11	UT-0,45,60	GE-UT-400 REV 0		WRV DUE TO NI & N8 NOZZLES, COMPLETE PER
	CIRC, 276'9", CIRC			FRR LIM-14		CODE CASE N-460
545000	AT DOTTON FIDE		117-15-15-15	17 DF DOT DFU		
303400	AE BOTTOM SIDE SHELL 4 TO SHELL 5	8-A		UT-PE-005 REV 4 FRR LIM-10		NRI UT-0, CIG & NRL UT-45, CIG UT-60; ASME CODE COVERAGE LIMITED TO 99.9% OF
		B1.11		GE-UT-400 REV 0		WRV DUE TO N12 NOZZLE, COMPLETE PER
	CIRC, 318'2", CIRC		0. 0,40,00	FRR LIM-14	~ ~ ~	CODE CASE N-460

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

and a state	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
	RPV (FIG NO XI-RPV-2 PG. 1.2)					
566000		8-A		FRR LIM-10		CIG UT-0, CIG & NRL UT-45, CIG UT-60; ASME CODE COVERAGE LIMITED TO 99.4% OF WRV DUE TO N3 NOZZLE, COMPLETE PER CODE CASE N-460
566200	AF TOP SIDE SHELL 5 RPV CLOSURE FLANGE CIRC, 325'11", CIRC			UT-PE-006 REV 4 FRR LIM-29	хх	NRI 0 TO 120 DEG., ISG 120 TO 180 DEG.
566300	BA LEFT SIDE SHELL 1 VERTICAL SEAM WELD 13C, VW, 317 DEG. 13C, VW, 317 DEG.	B-A B1.12	UT-0,45,60	FRR LIM-10		NRI UT-0, CIG & NRL UT-45, CIG UT-60; ASME CODE COVERAGE LIMITED TO 99.9% OF WRV DUE TO N2 NOZZLE, COMPLETE PER CODE CASE N-460
566400	BA RIGHT SIDE SHELL 1 VERTICAL SEAM WELD 13C, VW, 317 DEG.			GE-UT-400 REV 0 FRR LIM-14	хх	NRI UT-0 & 60, CIG UT-45
566500	BB LEFT SIDE SHELL 1 VERTICAL SEAN WELD 14C, VW, 77 DEG. 14C, VW, 77 DEG.	A-B	UT-0,45,60	UT-PE-005 REV 4 FRR LIM-10 GE-UT-400 REV 0 FRR LIM-14		156 UT-0, C16 & WRL UT-45, C16 UT-60
566600	BE RIGHT SIDE SHELL 1 VERTICAL SEAM WELD 14C, VW, 77 DEG.			GE-UT-400 REV 0 FRR LIM-14	х	ISG UT-0, CIG & NRL UT-45, CIG UT-60
566700	BC LEFT SIDE SHELL 1 VERTICAL SEAM WELD 17C, VW, 197 DEG. 17C, VW, 197 DEG.	B-A B1.12		FRR LIM-10		ISG UT-D, CIG UT-45, NR1 UT-60; ASME CODE COVERAGE LIMITED TD 99.7% OF WRV DUE TO W2 NOZZLE,COMPLETE PER CODE CASE W-460

LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND DUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

						R			
		ASME			0				
		SEC. KI			R				
		CATGY						0	A COMPANY OF A COM
NUMBER			METHOD	PROCEDURE	C	R	M	R	REMARKS
		******	*********	*************	1	Ξ.			
	RPV (FIG NO X1-RPV-2 PG. 1.2)								
200000	BC RIGHT SIDE								CIG & NRL UT-0, CIG UT-45, CIG & NRL UT-60 ASME CODE COVERAGE LIMITED TO
	17C, VW, 197 DEG.	B1.12	01-0,45,60	EDD 11M-1/		^	^		99.4% OF WRV DUE TO W1 NOZZLE, COMPLETE PER CODE CASE N-460
	ire, ve, ivr bee.			TRK LIN-IN					FLA CORE DADE N'ADO
568100	BK LEFT SIDE		UT-0,45,60	UT-PE-205 REV 4	x				NRI UT-D, CIG & NRL UT-45, CIG UT-60
	SHELL 4 VERTICAL SEAM WELD								
	13C, WW, 345 DEG.	B1.12	UT-0,45,60	GE-UT-400 REV D	X	х	X		
	13C, VW, 345 DEG.			FRR LIM-14					
				in the last start of					and the second
568200	BK RIGHT SIDE SHELL & VERTICAL SEAM WELD		UT-0,45,60	UT-PE-005 REV 4	X				NRI UT-0, CIG UT-45,60
							į,		
	13C, VH, 345 DEG. 13C, VW, 345 DEG.	81.12		FRR LIM-14	X		×		
	(SE, VR, 345 DEC.			TAK LIN-IN					
568300	BM LEFT SIDE		UT-0,45,60	UT-PE-005 REV 4	X				WR1 UT-0, C1G UT-45,60
	SHELL 4 VERTICAL SEAM WELD			FRR LIM-10					
	18C, VW, 165 DEG.	B1.12	UT-0,45,60	GE-UT-400 REV 0	X		х		
	18C, WW, 165 DEG.			FRR LIM-14					
548400	BM RIGHT SIDE		117-0 45 60	UT-PE-005 REV 4	×				NP1 107-0 45 60
200400	SHELL & VERTICAL SEAM WELD			FRR LIM-10	1				AKI 01 0,40,00
	18C, VW, 165 DEG.				×				
	18C, VW, 165 DEG.			FRR LIM-14	1				
568900					X		X		NR1 UT-0, CIG UT-45,60
				FRR LIM-14					
	14C, 279'8", 0 DEG.	B3.90							
569000	N1A-IR		UT-67,70	GE-UT-401 REV 1			X		C16 UT-67,70
	RECIRC OUTLET LOOP A	8-D+		FRR LIM-15					
	14C, 279'8", D DEG.	B3.100							

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATOY ITEM NO	EXAM METHOD	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
	RPV (FIG NO XI-RPV-2 PG. 1.2)					
569200		B-D		GE-UT-400 REV 0 FRR LIM-14	хx	NRL UT-0, CIG UT-45,60
569300		B-D+ B3.100		GE-UT-401 REV 1 FRR LIM-15	хх	CIG & WRL UT-67,70
569500		8-D 83.90		GE-UT-400 REV 0 FRR LIM-14	ххх	WRI UT-D, CIG & WRL UT-45, CIG UT-60
569600	N2A-1R RECIRC INLET LOOP B 14C, 281*4", 30 DEG.	B-D+ B3.100		GE-UT-401 REV 1 FRR LIM-15	хх	NRI UT-67, CIG UT-70
569800	M2B RECIRC INLET LOOP B 14C, 281'4", 60 DEG.	B-D B3.90		GE-UT-400 REV 0 FRR LIM-14	хх	NRL UT-D, CIG & NRL UT-45,60
569900	N28-IR RECIRC INLET LOOP B 14C, 281'4", 60 DEG.	8-D* 83.100		GE-UT-401 REV 1 FRR LIM-15	жх	NRL UT-67, CIG & NRL UT-70
570100	N2C RECIRC INLET LOOP B 14C, 281*4*, 90 DEG. 14C, 281*4*, 90 DEG.	B-D B3.90	UT-0,45,60	GE-UT-400 REV 0 FRR LIM-14	x	CIG UT-0,45,60; ASME CODE COVERAGE (AUTO-UT) LIMITED TO 82% OF WRV DUE TO NB NOZZLE, RESCHEDULE FOR MANUAL-UT IN LIMITED AREA
570200	N2C-IR RECIRC INLET LOOP B 14C, 281'4", 90 DEG.	B-D+ B3.100	UT-67,70	GE-UT-401 REV 1 FRR LIM-15	хх	WRL UT-67, CIG UT-70

LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NR R OEGE ASME SEC. XI RCEP CATGY EXAM E000 SUMMARY EXAMINATION AREA ITEM NO METHOD PROCEDURE C R M R REMARKS NUMBER IDENTIFICATION --------RPV (FIG NO KI-RPV-2 PG. 1.2) UT-0,45,60 GE-UT-400 REV D X X X HR1 UT-D, CIG & HRL UT-45,60; ASHE CODE 570400 N20 RECIRC INLET LOOP B B-D FRR LIM-14 COVERAGE (AUTO-UT) LIMITED TO 82% OF MRV 18C, 281'4", 120 AZ. 83.90 DUE TO NE NOZZLE, RESCHEDULE FOR 18C, 281'4", 120 AZ. MANUAL-UT IN LIMITED AREA 570500 N2D-IR UT-67,70 GE-UT-401 REV 1 X X WRL UT-67, CIG UT-70 RECIRC INLET LOOP 8 8-D+ 18C, 281'4", 120 DEG. 83.100 FRR LIM-15 W2E UT-0,45,60 GE-UT-400 REV 0 X X CIG & NRL UT-0, CIG UT-45,60 RECIRC INLET LOOP B B-D FRR LIM-14 18C, 281'4", 150 AZ. B3.90 570700 W2E 
 N2E-IR
 UT-67,70
 GE-UT-401
 REV 1
 X X
 NRI UT-67, CIG & MRL UT-70

 RECIRC INLET LOOP B
 B-D+
 FRR LIM-15
 570800 N2E-IR 18C, 261'4", 150 DEG. 83.100 N2F RECIRC INLET LOOP A B-D FRR LIM-14 17C, 281'4", 210 DEC. B3.90 571000 N2F UT-67,70 GE-UT-401 REV 1 X X NR1 UT-67, CIG UT-70 571100 N2F-IR N2F-IR RECIRC INLET LOOP A B-D+ FRR LIM-15 17C, 281'4", 210 DEG. B3.100 N2G UT-0,45,60 GE-UT-400 REV D X X NR1 UT-0, C1G UT-45,60 RECIRC INLET LOOP A B-D FRR LIM-14 571300 N2G 17C, 281'4", 240 DEG. 83.90 571400 N2G-18 UT-67,70 GE-UT-401 REV 1 K X WRI UT-67, CIG UT-70 RECIRC INLET LOOP A B-D+ 17C, 281'4", 240 DEG. B3.100 FRR LIM-15

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION RPV (FIG NO XI-RPV-2 PG. 1.2)	ASME SEC. X1 CATGY ITEM HD		PROCEDURE	D R E	E C O	R G E P O R -	REMARKS
571600	N2H RECIRC INLET LOOP A 17C, 281'4", 270 DEG. 17C, 281'4", 270 DEG.	B-D 83.90		GE-UT-400 REV 0 FRR LIM-14	x		x	NRI UT-D, CIG UT-45,60; ASME CODE COVERAGE (AUTO-UT) LIMITED TO 82% OF WRV DUE TO N8 WOZZLE, RESCHEDULE FOR MANUAL-UT IN LIMITED AREA
571700	N2H-IR RECIRC INLET LOOP A 17C, 281+4*, 270 DEG.	B-D+ B3.100		GE-UT-401 REV 1 FRR LIM-15	×		x	WRI UT-67, CIG UT-70
571900	N2J RECIRC INLET LOOP A 13C, 281'4", 300 DEG. 13C, 281'4", 300 DEG.	B-D 83.90		GE-UT-400 REV 0 FRR LIM-14	x	x	x	WRI UT-0, CIG & NRL UT-45,60; ASHE CODE COVERAGE (AUTO-UT) LIMITED TO 82% OF WRV DUE TO WB WOZZLE, RESCHEDULE FOR MANUAL-UT IN LIMITED AREA
572000	N2J-IR RECIRC INLET LOOP A 13C, 281:4º, 300 DEG.	8-D+ 83.100		GE-UT-401 REV 1 FRR LIM-15	¥		×	NRI UT-67, CIG UT-70
572200	N2K RECIRC INLET LOOP A 13C, 281*4", 330 DEG.	8-D 83.90		GE-UT-400 REV 0 FRR LIM-14	x		x	WR1 UT-D, C1G UT-45,60
572300	N2K-IR RECIRC INLET LOOP A 13C, 281'4", 330 DEG.	B-D+ B3.100	UT-67,70	GE-UT-401 REV 1 FRR LIM-15		x	X	WRL UT-67, C16 UT-70
573700	W4A FEEDWATER LOOP A 14C, 307+9", 30 DEG. 14C, 307+9", 30 DEG.	8-D 83.90	UT-0,45,60	GE-UT-400 REV 0 FRR LIM-14	х	х	x	NRI UT-D, CIG UT-45, CIG & NRL UT-60; ASME CODE COVERAGE (AUTO-UT) LIMITED TO 82.5% OF WRV DUE TO N11 MOZZLE, RESCHEDULE FOR MANUAL-UT IN LIMITED AREA

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#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM ND	EXAM METHOD	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
	RPV (FIG NO XI-RPV-2 PG. 1.2)					
573800	FEEDWATER LOOP A		UT-28,67, 70		х х	15G UT-28, WR1 UT-67,70
573900	N4A-IR FEEDWATER LOOP & 14C, 307*9*, 30 DEG.		UT-28,67, 70		хх	ISG UT-28, WRI UT-67,70
574000	N4B FEEDWATER LOOP B 14C, 307'9", 90 DEG.	8-D 83.90	and the second second second second	GE-UT-400 REV 0 FRR LIM-14	x x	NRI UT-0, CIG UT-45,60
574100		B-D* B3.100	UT-28,67, 70		ккх	ISG UT-28, WRL UT-67, WRI UT-70
574200	N48-1R FEEDW*TER LOOP B 14C, 307*0*, 90 DEG.	R/A+ R/A		GE-UT-401 REV 1 FRR LIM-15	* * *	15G UT-28, MRL UT-67, MRI UT-70
574300	W4C 'EEDWALTR LOOP C '8C, 307 9*, 150 /EG. 11 C, 307*/* 125 DEG.	8-D 83.90		GE-UT-400 REV D FRR LIM-14	* * *	NRI UT-0, CIG UT-45, CIG & NRL UT-60; ASME CODE COVERAGE (AUTO-UT) LIMITED TO 76.4% OF WRV DUE TO N9 NOZZLE, RESCHEDULE FOR MANUAL-UT IN LIMITED AREA
574400	W4C-IR FEEDWATER LOOP C 18C, 307*9", 150 VEG.	B-D+ B3.100	UT-28,67, 70	GE-UT-401 REV 1 FRR LIM-15	ж ж	CIG UT-28, MRI UT-67,70
574500	N4C-1R FEEDWATER LOOP C 18C, 307*9*, 150 DE .	K/A+ K/A		GE-UT-401 REV 1 FRR LIM-15	к к	CIG UT-28, WRI UT-67,70

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLEYED COMPONENTS

		ASME			NR		
		SEC. XI			RC		
CIMMADY	EXAMINATION AREA	CATGY			E D		
		ITEM NO		PROCEDURE			REMARKS
******	And and a second second				4.4	a a.	***********************************
	RPV (FIG NO XI-RPV-2 PG. 1.2)						
	BLAND DISTORT						
574600	NAD		UT-0,45,60	GE-UT-400 REV 0		х	ISG UT-0, CIG UT-45,60; ASME CODE
	FEEDWAYER LOOP D	B-D		FRR LIM-14			COVERAGE (AUTO-UT) LIMITED TO 85.8% OF
	17C, 307'9", 210 DEG.	83.90					WRV DUE TO N11 NOZZLE, RESCHEDULE
	17C, 307*9", 210 DEG.						FOR MANUAL-UT IN LIMITED AREA
E 7/ 700	W.D. 10		117-28-67	CE-107-201 PEV 1	×	×	CIG UT-28, NR1 UT-67, ISG UT-70; ASME
574700			70		-	<u> </u>	CODE COVERAGE (AUTO-UT) LIMITED TO 85%
	17C, 307*9", 210 DEG.	83.100	10	The son is			OF WRY DUE TO N11 NOZZLE, RESCHEDULE
	17C, 307'9", 210 DEG.	001100					FOR MANUAL-UT IN LIMITED AREA
574800	N4D-IR				х	X	CIG UT-28, WRI UT-67, ISG UT-70
			70	FRR LIM-15			
	17C, 307*9", 210 DEG.	N/A					
575100	WAE-1D		UT-28.67.	GE-UT-401 REV 1	x	x	ISG UT-28, WRI UT-67,70
212100		N/A+		FRR LIM-15			
	17C, 307*9", 270 DEG.	H/A					
575400					XX	X	15G UT-28, MRL UT-67, MRI UT-70
	FEEDWATER LOOP F		70	FRK LIM-15			
	13C, 307'9", 330 DEG.	N/A					
577300	W17C		UT-0,45,60	GE-UT-400 REV 0	х	х	NRI UT-D, CIG UT-45, ISG & CIG UT-60
	LPCI LOOP A	B-D		FRR LIM-14			
	17C, 297'3", 225 DEG.	83.90					
577400	N17C-IR		UT-67,70	GE-UT-401 REV 1	X		WRL UT-67,70
	LPCI LOOP A	B-D+		FRR LIM-15			
	17C, 297'3", 225 DEG.	B3,100					
577900	N4A-BORE		UT-18	GE-UT-401 REV 1	x		NR1
211500	FEEDWATER LOOP A	N/A+		FRR LIM-15			
	14C, 307'9", 30 DEG.	N/A					

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

					N R	R	
		ASME			0 E	GE	
		SEC. XI				EP	
PL MALE PL		CATGY				00	
		ITEM NO		PROCEDURE			REMARKS
	IDENTIFICATION	LICH NU	PIE I NUU	PROCEDURE			REPRINE
		*****					
	RPV (FIG NO KI-RPV-2 PG. 1,2)						
			117.40	05-117-205 BEV 5		~	ISG; COVERAGE OF BORE REGION LIMITED TO
578000	N48-BORE			FRR LIM-15		· ·	85% OF WRV DUE TO THERMOCOUPLE PAD
	FEEDWATER LOOP B	N/A+		PRK LIM-12			DIA OF BRY DUC TO INCREDIDUCTLE PRO
	14C, 307*9", 90 DEG.	N/A					
						~	***
578100	N4C-BORE			GE-UT-401 REV 1		*	C10
	FEEDWATER LOOP C	N/A+		FRR LIM-15			
	18C, 307*9", 150 DEG.	N/A					
	WIN DOOD			05.107.203 BEV 1		~	CIG; COVERAGE OF BORE REGION LIMITED TO
576200	N4D-BORE	11/10		FRR LIN-15		× .	85.5% OF WRV DUE TO THERMOCOUPLE PAD
	FEEDWATER LOOP D	N/A+		PKK LIM-12			D. SAUT WEY DUE TO THERMOLOUTLE PAD
	17C, 307'9", 210 DEG.	N/A					
5 76700			117.10	GE-UT-401 REV 1	~		WRI
270300	N4E-BORE FEEDWATER LOOP E	1178.0		FRR LIN-15	<u>^</u>		NR.I
		H/A+		PKK LIM-12			
	17C, 307*9", 270 DEG.	N/A					
578/00	N4F-BORE		117.10	GE-UT-401 REV 1			NRI
370400	FEEDWATER LOOP F	N/A+		FRR LIM-15	~		REA .
		N/A		TRA LIN-12			
	13C, 307*9", 330 DEG.	R/A					
	DOV (510 NO N1-DDV-2 DC 1 ()						
	RPV (FIG NO X1-RPV-2 PG, 1,4)						
578500	AJ BOTTOM SIDE		117-0 45 40	UT-PE-005 REV 4			NRI UT-0,45,60
210200	BOTTOM HEAD DOLLAR ( ATE WELD			FRR LIM-10			EXAMINED 0 TO 120 DEG.
		B1.21		TRK LAR TO			CANTINED D TO GEO DED.
	CIRC, 270°, CIRC	D1-61					
578400	AL TOD STAF		10. 45 60	UT-DE-005 DEV L			NR1 UT-0,45,60;
210000	AJ TOP SIDE	N		UT-PE-005 REV 4 FRR LIM-10	1		EXAMINED 0 TO 120 DEG.
	BOTTOM HEAD DOLLAR PLATE WELD			TRK LIN-ID			
	CIRC, 270°, CIRC	B1.21					
525200	AU DOTTON CIDE		10.0 15 10	UT-PE-005 REV 4			NET 107-0 25 40
516100	AH BOTTOM SIDE		01-0,40,60				NRI UT-0,45,60
	CLOSURE HEAD DOLLAR PLATE WELD			FRR LIM-10			EXAMINED 0 TO 120 DEG.
	FF, 352*, CIRC	B1.21					

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
	RPV (FIG NO XI-RPV-2 PG. 1.4) AH TOP SIDE CLOSURE HEAD DOLLAR PLATE WELD FF, 352', CIRC	B-A B1.21		UT-PE-005 REV 4 FRR LIM-10	x	NRI UT-0,45,60 EXAMINED 0 TO 120 DEG.
579800	N16D INSTRUMENTATION NOZZLE 13C, 296'9", 280 DEG.	B-E B4.13	VT-2	NDE-1 REV 3	x	NR1
579900	RPV (FIG NO KI-RPV-2 PG. 3) RPV CLOSURE HEAD NUTS		мт	GE-MT-101 REV 0 FRR LIM-26,27	x x	NRI NUTS 1 THRU 16 & 18 THRU 26, NUT 17 .250" LI ACCEPTABLE TO ASME XI
600000	NUTS SN 1 - SN 76 FF, 352', 0-360 DEG.	B-G-1 B6.10	17.0		v	1986 EXAMINED NUTS 1 THRU 26
580000	RPV CLOSURE STUDS IN PLACE STUDS SH 1 - SN 76 FF, 352', 0-360 DEG.	B-G-1 B6.20	UT-0	UT-PE-007 REV 4 FRR LIM-17	*	NKI, EAAMINED SIUDS I INKU ED
580200	THREADED HOLES IN RPV FLANGE HOLES SN1 - SN 76 FF, 352°, 0-360 DEG. FF, 352°, 0-360 DEG.	B-G-1 B6.40	UT-TU	UT-PE-DOB REV 2 FRR LIM-13	x	NR1; ASME CODE COVERAGE LIMITED TO 92.3% OF REQUIRED VOLUME DUE TO CONFIGURATION, FLANGE; COMPLETE PER CODE CASE N-460; EXAMINED LIGAMENTS AT STUDS 1 THRU 26
580300	RPV CLOSURE WASHERS WASHERS SN 1 - SN 76 FF, 352', 0-360 DEG.	8-G-1 86.50	VT-1	NDE-7 REV 2	X	NRL; EXAMINED WASHERS 1 THRU 26
580400	FR RPV WELD BUILD-UP CIRC, 272'3", CIRC CIRC, 272'3", CIRC	8-H 88.10	мт vv - 1	MT-PE-DD1 REV 1 FRR LIM-D6 MDE-1 REV 3	x	NRI MT, MINOR WELD SPATTER VT-1 ACCEPTABLE TO ASME XI 1986; ASME CODE COVERAGE (MT) LIMITED TO 87.5% DUE CONFIGURATION, UNDER VESSEL, VT-1 PERFORMED IN LIMITED AREA; EXAMINED D TO

120 DEG.

4

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION RPV (FIG NO X1-RPV-2 PG. 3)	ASME SEC. XI CATGY ITEM ND	EXAM	PROCEDURE	N R R D E G E R C E P E O O O C R M R	REMARKS
580500		В-Н 68.10	MT	MT-PE-DD1 REV 1 FRR LIM-D6	x	NRI
580700	DB BOTTOM HEAD WELD 14C, VW, 48 DEG. 14C, VW, 48 DEG.	B-A B1,22		UT-FE-005 REV 4 FRR LIM-10	XX	NRI UT-0,45, 1 SI UT-60 ACCEPTABLE TO ASME XI 1986; ASME CODE COVERAGE LIMITED TO 94.3% OF WRV DUE TO CONFIGURATION, UNDER VESSEL, COMPLETE PER CODE CASE N-460
580800	DC BOTTOM HEAD WELD 18C, VW, 1D8 DEG.	B-A B1.22		UT-PE-005 REV 4 FRR LIM-10	x	NRI UT-0,45,60
581200	DG 13 BOTTOM HEAD WELD 13C-17C, VW, D-180 DEG.	8-4 B1.22		UT-PE-005 REV 4 FRR LIM-10	x	WRI UT-D,45,60
581300	DG 14 BOTTOM HEAD WELD 14C-18C, VW, 0-180 DEG.	B-A 81.22		UT-PE-005 REV 4 FRR LIM-10	x	NRI UT-0,45,60
581400	AG CLOSURE HEAD FLANGE FF, 352', CIRC FF, 352', CIRC	8-A B1,40	MT UT-0,45,60	MT-PE-OD1 REV 1 FRR LIM-06 UT-PE-OD5 REV 4 FRR LIM-10		NRI MT, NRI UT-45,60, 1 SI UT-0 ACCEPTABLE TO ASME XI 1986; ASME CODE COVERAGE LIMITED TO 94.3% OF WRV DUE TO CONFIGURATION, COMPLETE PER ASME CODE CASE N-460
581500	DH CLOSURE HEAD WELD FF, 3521, 15 DEG.	B-A B1.22	UT-0,45,60	UT-PE-005 REV 4 FRR LIM-10	хх	NRI UT-0,45,60 WELD AG SIDE; NRI UT-45,60 LI UT-0 ACCEFTABLE TO ASME XI 1936 WELD AH SIDE

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA	ASME SFC. XI CATGY ITEM NO			N R R O E G E R C E P E O O O C R M R	REMARKS
	DJ CLOSURE HEAD WELD	B-A B1.22		UT-PE-005 REV 4 FRR LIN-10	хx	NRI UT-0,45,60 WELD AG SIDE; NRI UT-45,60 & 2 LI UT-D ACCEPTABLE TO ASME KI 1986 WELD AH SIDE
600200	RR (FIG 00 X1-2P-201) 2BP-201 2-6-1 3"DIA. PUMP CASING STUD #33 18C /250 /473 /120	B-G-1		GE-UT-107 REV 0 FRR LIM-28	x	NRI
600300	2BP-201 2-6-2 3"DIA. PUMP CASING STUD #37 18C /250 /473 /120			GE-UT-107 REV 0 FRR LIM-28	x	NR1
600400	28P-201 2-6-3 3"DIA. PUMP CASING STUD #29 18C /250 /473 /120			GE-UT-107 REV 0 FRR LIM-28	x	NRI
600500	28P-201 2-6-4 3"DIA. PUMP CASING STUD #11 18C /250 /473 /120	B-G-1		GE-UT-107 REV 0 FRR LIM-28	х	NR1
600600	28P-201 2-6-5 3"DIA. PUMP CASING STUD #21 18C /250 /473 /120			GE-UT-107 REV D FRR LIM-28	x	NRI
601800	28P-201 2-10-1 3*D1A. PUMP CASING STUD NUT 18C /250 /473 /120	B-G-1 B6.200	VT-1	NDE-7 REV 2	x	WRJ
601900	28P-201 2-10-2 3*DIA. PUMP CASING STUD NUT 18C /250 /473 /120	B-G-1 B6.200	VT-1	NDE-7 REV 2	x	NRI

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION		EXAM METHOD		N R R O E G E R C E P E O O O C R M R	REMARKS
602000	RR (FIG NO X1-2P-201) 28P-201 2-10-3 3"DIA. PUMP CASING STUD WUT 18C /250 /473 /120	B-G-1	V7-1	NDE-7 REV 2	x	NRI
602100	28P-201 2-10-4 3"DIA. PUMP CASING STUD MUT 18C /120 /473 /120	B-G-1	VT-1	NDE-7 REV 2	x	MRI
602200	28P-201 2-10-5 3"DIA. PUMP CASING STUD NUT 18C /250 /473 /120		vt-1	NDE-7 REV 2	*	NRI
	RR (FIG NO XI-VRR-2RD-2A)					
618700	VRR-2RD-28-16 WA15LU PIPE SEAM 17C /281 /473 /210 17C /281 /473 /210	B-J		LP-PE-D01 REV 3 FRR LIM-05 UT-PE-D02 REV 7 FRR LIM-07		VRI PT, WRI UT-45
619000	VRR-2RD-2A-15 WA18LU PIPE SEAM 13C /281 /473 /300 13C /281 /473 /300	B-J		LP-PE-DD1 REV 3 FRR L1M-D5 UT-PE-DD2 REV 7 FRR L1M-07		NRI PT, RG UT-45
621600		8-J* 89.11		LP-PE-001 REV 3 FRR L1M-05 UT-PE-002 REV 7 FRR L1M-07		WRI PT, WRI UT-45
621700	WRR-2RD-2B-16 SWB 12" ELBOW TO PIPE 17C /2C1 /473 /210 17C /2B1 /473 /210	N/A+ H/A	PT UT-45	LP-PE-001 REV 3 FRR LIM-05 UT-PE-002 REV 7 FRR LIM-07		NRI PT, NRI UT-45

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

		ASME SEC. XI			N R R O E G E R C E P	
SUMMARY	EXAMINATION AREA	CATGY			EOOO	REMARKS.
NUMBER	IDENTIFICATION			PROCEDURE		REMARKS
	****					
	RR (FIG NO KI-VRR-2RD-2A)					
621800	VRR-2RD-2B-36 SWB LU MIN ELBOW SEAM MINIMUM	B-J		LP-PE-001 REV 3 FRR LIM-05	x	NRI PT, NRI UT-45
				UT-PE-002 REV 7	x	
	170 /280 /473 /210	07.36	01.42	FRR LIM-07		
	110 7000 7413 7010					
621900	VRR-2RD-28-16 SWB LU MAK		PT	LP-PE-001 REV 3	х	NRI PT, NRI UT-45
		B-J		FRR LIM-05		
	17C /280 /473 /210	B9.12	UT-45	UT-PE-002 REV 7	X	
	170 /280 /473 /210			FRR LIM-07		
4.72000	VRR-2RD-2B-16 SWB LD		PT	1 P-PE-001 REV 3	x	NRI PT, NRI UT-45
DECUUU	PIPE SEAM	B-J		FRR LIM-05		
			UT-45	UT-PE-002 REV 7	x	
	170 /281 /473 /281			FRR LIM-07		
624600	VRR-2RD-2A-15 SWB		PT		х	NRI PT, NRI UT-45
		B-J+		FRR LIM-05		
		B9.11	UT-45	UT-PE-DO2 REV 7	X	
	130 /281 /473 /300			FRR LIM-D7		
624700	VRR-2RD-2A-15 SWB		UT-45	UT-PE-002 REV 7	x	NRI
	12" ELBOW TO PIPE	N/A+		FRR LIM-07		
	130 /281 /473 /300	R/A				
						NRI PT, NRI UT-45
624800			14	FRR LIM-05	*	NEL FL, NEL UL AD
		B-J	117-65	UT-PE-002 REV 7	x	
	130 /280 /473 /300	D7.16	01-42	FRR LIM-07		
	100 1200 1410 1000					
624900	VRR-2RD-2A-15 SWB LU MAX		PT	LP-PE-001 REV 3	х	NRI PT, NRI UT-45
	ELBOW SEAM MAXIMUM	B-1		FRR LIM-05		
	13c /280 /473 /300	89.12	UT-45	UT-PE-DO2 REV 7	х	
	130 /280 /473 /300			FRR LIM-07		

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION		EXAM	PROCEDURE		REMARKS
	RR (FIG NO XI-VRR-2RD-2A)					
625000	VRR-2RD-2A-15 SWB LD PIPE SEAM	B-J		LP-PE-DD1 REV 3 FRR LIM-D5	x	NRI PT, RG UT-45
	13C /281 /473 /300 13C /281 /473 /300	89.12	UT-45	UT-PE-DO2 REV 7 FRR LIM-07	x	
625600	VRR-2RD-2A-16 SWB LU MIN ELBOW SEAM MINIMUM	B-J	PT	LP-PE-DO1 REV 3 FRR LIM-DS	х	NRI PT, NRI UT-45
	13C /280 /473 /330 13C /280 /473 /330		UT-45	UT-PE-002 REV 7 FRR LIM-07	x	
625700	VRR-2RD-2A-16 SWB LU MAX		PT	LP-PE-001 REV 3	х	NRI PT, NRI UT-45
	ELBOW SEAM MAXIMUM 13C /280 /473 /330	8-J 80 12		FRR LIM-05 UT-PE-002 REV 7	×	
	13C /280 /473 /330	67.16		FRR LIM-07	Î	
625800	VRR-2RD-2A-16 SWB				x	NRI PT, NRI UT-45
	12" ELBOW TO PIPE 13C /281 /473 /330	B-J+ B9,11		FRR LIM-05 UT-PE-002 REV 7	x	
	13c /281 /473 /330			FRR LIM-07		
625900	VRR-2RD-2A-16 SWB			UT-PE-002 REV 7	х	NRI
	12" ELBOW TO PIPE 13C /281 /473 /330	N/A+ N/A		FRR LIM-07		
626000	VRR-2RD-2A-16 SWB LD		PT	LP-PE-DO1 REV 3	ж	NRI PT, RG UT-45
	PIPE SEAM	B-J		FRR LIN-05		
	13C /281 /473 /330 13C /281 /473 /330	89.12	UT-45	UT-PE-DO2 REV 7 FRR LIM-07	x	
626400	VRR-2RD-2A WA15		PT	LP-PE-001 REV 3	х	NRI PT, NRL ISG & BRD UT-45
	PIPE TO SAFE END (AZ.710) 17C /281 /473 /210 17C /281 /473 /210	B-J+ B9.11	U7 - 45	FRR LIM-05 GE-UT-208 REV 0 FRR LIM-11,22	хх	
				The Lot Styles		

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

					NRR	
		ASME			DEGE	
		SEC. XI			RCEP	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		EDOD	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	CRMR	REMARKS
	RR (FIG NO XI-VRR-ZRD-ZA)					
626500	VRR-2RD-2A WA15		UT-45	GE-UT-208 REV 0	хх	WRL ISG & BRD
	PIPE TO SAFE END (AZ.210)	N/A+		FRR LIM-11,22		
	170 /281 /473 /210	R/A				
627400	VRR-2RD-2A N2G		PT	LP-PE-001 REV 3	x	NRI PT, AI BRD NRL UT-45,
	SAFE END TO NOZZLE (AZ.240)			FRR LIM-05		AT ISG NEL SC UT-45EL, NEL SC UT-60EL
				GE-UT-209 REV 0	XX	
	17C /281 /473 /240				~ ~	
	17C /281 /473 /240		DUKL	FRR LIM-12, 23		
1275.00	VRR-2RD-2A N2G		117-/5 /501	0 V24 005-111-200 PEV 0	* *	AI BRD NRL UT-45, AI ISG NRL SC UT-45RL,
627500					~ ^ ^	NRL SC UT-60RL
	SAFE END TO NOZZLE (AZ.240)		DUKL	FRR LIM-12, 23		NKL SC UT DURL
	17C /281 /473 /240	N/A				
				PT 117 200 PTV 0	~ ~	AT BRD NRL UT-45, AT ISG NRL SC UT-45RL,
627600	VRR-2RD-2A N2C					
	SAFE END TO NOZZLE (AZ.240)	N/A+	60RL	FRR LIM-12, 23		NRL SC UT-60RL
	170 /281 /473 /240	N/A				
627900	VRR-2RD-2A N2H		PT	LP-PE-DO1 REV 3	X	NRI PT, ISG NRL UT-45,
	SAFE END TO NOZZLE (AZ.270)	8-F+		FRR LIM-05		AT ISG MEL EG SC UT-45EL, AT WEL EG
	130 /281 /473 /270			GE-UT-209 REV 0	XX	UT-60RL
	13C /281 /473 /270	W 18		FRR LIM-12, 23		
	130 7201 7473 7210		LIDKL	THE LEFT THE MAY		
638000	VRR-2RD-2A N2H		117-25 25PL	GE-111-209 REV 0	X X	ISG NRL UT-45, AT ISG NRL RG SC UT-45RL,
620000		11 M 1				AT WEL RE UT-60EL
	SAFE END TO NOZZLE (AZ.270)		DUKL	FRR LIM-12,23		KI MEL NO DI DORL
	130 /281 /473 /270	N/A				
			10 12 120	PE-10.305 PE-0		ISG NRL UT-45, AI ISG NRL RG SC UT-45RL,
628100	VRR-2RD-2A N2H			GE-UT-209 REV 0	хх	
	SAFE END TO NOZZLE (AZ.270)	N/A+	60RL	FRR LIM-12, 23		AI NRL RG UT-60RL
	13c /281 /473 /270	N/A				
						the second s
628200	VRR-2RD-2A WA18		PT	LP-PE-001 REV 3	X	NRI PT, NRL RG UT-45
	PIPE TO SAFE END (AZ.300)	B-J+		FRR LIM-05		
	130 /281 /473 /300	E9.11	UT-45	GE-UT-209 REV 0	ХХ	
	13c /281 /473 /300			FRR LIM-12, 23		
	the fact face face					

1

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	Y EXAMINATION AREA 1 IDENTIFICATION	ASME SEC. XI CATGY ITEM NO		PROCEDURE	N R R O E G E R C E P E O O O C 9. M R	REMARKS
628300	RR (FIG NO XI-VRR-2RD-2A) VRR-2RD-2A WA18 PIPE TO SAFE END (AZ.30D) 13C /281 /473 /300	N/A+ R/A	UT-45	GE-UT-209 REV 0 FRR LIM-12, 23	хx	NRL RG
628400	) VRR-2RD-2A N2J SAFE END TO NOZZLE (AZ.300) 13C /281 /473 /300 13C /281 /473 /300	B-F+ B5.10	UT-45,45RL	LP-PE-001 REV 3 FRR LIM-05 GE-UT-209 REV 0 FRR LIM-12, 23	x x x	NRI PT, AI BRD CIG NRL UT-45, AI BRD ISG NRL RG UT-45RL, AI NRL RG UT-60RL
628500	VRR-2RD-2A N2J SAFE END TO NOZZLE (AZ.300) 13C /281 /473 /300	N/A+ R/A		GE-UT-209 REV 0 FRR L1M-12,23	хх	AI BRD CIG NRL UT-45, AI BRD ISG NRL RG UT-45RL, AI NRL RG UT-60RL
628600	) VRR-2RD-2A N2J SAFE END TO NOZZLE (AZ.300) 13C /281 /473 /300	N/A+ N/A		GE-UT-209 REV D FRR LIM-12, 23	хx	AI BRD CIG NRL UT-45, AI BRD ISG NRL RG UT-45RL, AI NRL RG UT-60RL
	RR (FIG NO XI-VRR-2RD-28)					
634100	VRR-2RD-2A-14 WB17LU 12" PIPE SEAM 1BC /281 /473 / 90 18C /281 /473 / 90	8-J 89.12	PT UT-45	LP-PE-001 REV 3 FRR L1M-05 UT-PE-002 REV 7 FRR L1M-07		NRI PT, NRI UT-45
641600	VRR-2RD-28 M2C SAFE END TO WOZZLE (A2.90) 18C /281 /473 / 90 18C /281 /473 / 90	8-F+ 85.10	UT-45,45RL	LP-PE-D01 REV 3 FRR LIM-D5 GE-UT-209 REV 0 FRR LIM-12, 23	X X	NRI PT, CIG NRL UT-45, AI ISG MRL UT-45RL, AI NRL RG SC UT-60RL
641700	) VRR-2RD-28 NZC SAFE END TO MOZZLE (AZ.90) 18C /281 /473 / 90	R/A+ N/A		GE-UT-209 REV 0 FRR L1M-12, 23	хх	CIG WRL UT-45, A1 1SG WRL UT-45RL, A1 WRL RG SC UT-60RL

### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM	PROCEDURE	N R R O E G E R C E P E O O O O C R M R	REMARKS
	RR (FIG NO XI-VRR-2RD-2B)					
64 1800	VRR-2RD-2B H2C SAFE END TO NOZZLE (AZ.90) 18C /2B1 /473 / 90	n/a+ n/a		GE-UT-209 REV 0 FRR LIM-12, 23		CIG NRL UT-45, A1 ISG NRL UT-45RL, A1 NRL RG SC UT-60RL
641900	VRR-2RD-28 WB17 PIPE TO SAFE END (AZ.90)	8-J+		LP-PE-001 REV 3 FRR L1M-05	x	NRI PT, CIG RG BRD NRL UT-45
	18C /281 /473 / 90 18C /281 /473 / 90	89.11		GE-UT-208 REV 0 FRR LIM-11,22	XX	
642000	VRR-2RD-28 WB17 PIPE TO SAFE END (AZ.90) 18C /281 /473 / 90	N/A+ N/A		GE-UT-208 REV D FRR LIM-11,22	хх	CIG RG BRD NRL
642300	VRR-2RD-2B N2D SAFE END TO NOZZLE (AZ.120) 18C /281 /473 /120 18C /281 /473 /120		UT-45,45RL	LP-PE-001 REV 3 FRR LIM-05 GE-UT-209 REV 0 FRR LIM-12, 23		NRI PT, BRD CIG NRL UT-45, AI ISG NRL UT-45RL, NRL SC UT-60RL
642400	VRR-2RD-28 N2D SAFE END TO NOZZLE (AZ.120) 18C /281 /473 /120			GE-UT-209 REV 0 FRR LIM-12, 23		BRD CIG NRL UT-45, AI ISG NRL UT-45RL, WRL SC UT-60RL
642500	VRR-2RD-2B N2D SAFE END TO NOZZLE (AZ.120) 18C /281 /473 /120					BED CIG NRL UT-45, AT ISG NRL UT-45RL, NRL SC UT-60RL
642800	VRR-2RD-2B N2E SAFE END TO NOZZLE (AZ.150)	B-F+	PT	LP-PE-001 REV 3 FRR LIM-05		NRI PT, BRD ISG NRL UT-45, AI BRD ISG NRL SC UT-45RL, ISG MRL RG
	18C /281 /473 /150 18C /281 /473 /150	B5.10	UT-45,45RL 60RL	GE-UT-209 REV D FRR LIM-12, 23	XX	UT-60RL
642900	VRR-2RD-28 W2E SAFE END TO NOZZLE (AZ.150) 18C /281 /473 /150	N/A+ N/A		GE-UT-209 REV 0 FRR LIM-12, 23	ΧХ	BRD ISG WRL UT-45, AI BRD ISG WRL SC UT-45RL,ISG WRL RG UT-60RL

LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION RR (FIG NO X1-VRR-2RD-2B)	ASME SEC. XI CATGY ITEM ND	EXAM	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
643000	VRR-2RD-2B N2E SAFE END TO NOZZLE (AZ.150) 18C /281 /473 /150	N/A+ N/A		GE-UT-209 REV 0 FRR LIM-12, 23	хх	BRD ISG WRL UT-45, A1 BRD ISG WRL SC UT-45RL,ISG WRL RG UT-60RL
643300	VRR-2RD-2B N2B SAFE END TO NOZZLE (AZ.60) 14C /281 /473 / 60 14C /281 /473 / 60	8-F+ 85.10	UT-45,45RL	LP-PE-001 REV 3 FRR L1M-05 GE-UT-209 REV 0 FRR L1M-12, 23		1LI & 1RI PT ACCEPTABLE TO ASME XI 1986, BRD ISG NRL UT-45, AI BRD ISG NRL UT-45RL, NRL SC UT-60
543400	VRR-2RD-28 N28 SAFE END TO NOZZLE (AZ.60) 14C /281 /473 / 60	N/A+ N/A		GE-UT-209 REV 0 FRR LIM-12, 23		BRD ISG NRL UT-45, AI BRD ISG NRL UT-45RL, NRL SC UT-60RL
643800	VRR-2RD-28 W2A SAFE END TO NOZZLE (AZ.30) 14C /281 /473 / 30 14C /281 /473 / 30	8-F+ 85.10	UT-45,45RL	LP-PE-001 REV 3 FRR L1M-05 GE-UT-209 REV 0 FRR L1M-12, 23	x x x	NRI PT, CIG NRI UT-45, AI ISG NRL SC UT-45RL & 60RL
643900	VRR-2RD-2B N2A SAFE END TO NOZZLE (AZ.30) 14C /281 /473 / 30	N/A+ N/A		GE-UT-209 REV 0 FRR LIM-12, 23	хх	CIG WRI UT-45, AI ISG WRL SC UT-45RL & 60RL
644000	VRR-2RD-28 N2A SAFE END TO NOZZLE (AZ.30) 14C /281 /473 / 30	n/A+ n/A		GE-UT-209 REV 0 FRR LIM-12, 23	хx	CIG NRL UT-45, AI ISG NRL SC UT-45RL & 60RL
645000	RR (FIG NO X1-VRR-2RS-2A) VRR-2RS-2A-4 WA1 LD PIPE SEAM 13C /279 /473 / 0 13C /279 /473 / 0	B-J B9.12	PT UT-45	LP-PE-001 REV 3 FRR 11M-05 UT-PE-002 REV 7 FRR LIN-07		NRI PT, NRI UT-45

18C /279 /473 /180

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

NUMBER			EXAM	PROCEDURE	N R R O E G E R C E P E O O O O C R M R	
650100	RR (FIG NO XI-VRR-2RS-2A) VRR-2RS-2A NIA NOZZLE TO SAFE END (AZ.0 DEG) I3C /279 /473 / 0 I3C /279 /473 / 0	B-F+ B5.10	UT-45,45RL	FRR LIM-05		NRI PT, CIG WRL UT-45, ISG NRL SC UT-45RL, CIG NRL SC UT-60RL
650200	VRR-2RS-2A N1A NOZZLE TO SAFE END (AZ.0 DEG) 13C /279 /473 / 0	N/A+	UT-45,65RL 60RL	GE-UT-209 REV 0 FRR LIM-12, 23	хх	CIG WRL UT-45, ISG WRL SC UT-45RL, CIG WRL SC UT-60RL
	VRR-2RS-2A N1A NOZZLE TO SAFE END (AZ.0 DEG) 13C /279 /473 / 0	N/A+	UT-45,45RL 60RL	GE-UT-209 REV 0 FRR LIM-12, 23	хх	CIG WRL UT-45, ISG WRL SC UT-45RL, CIG WRL SC UT-60RL
650400	VRR-2RS-2A WA1 SAFE END TO PIPE (AZ.0 DEG) 13C /279 /473 / 0 13C /279 /473 / 0	B-J* 89.11	UT-45 UT-45	FRR LIM-05	x x	WRI PT, BRD WRL UT-45, WRI UT-45 SUPP.
650500	VRR-2RS-2A WA1 SAFE END TO PIPE (AZ.0 DEG) 13C /279 /473 / 0	N/A+		UT-PE-208 REV 0 FRR LIM-11, 12	хх	BRD, NRL
£51500	RR (FIG NO X1-VRR-2RS-28) VRR-2RS-28 N18 NOZZLE TO SAFE END (AZ.180 DEG.) 18C /279 /473 /180	8-F* 85.10		LP-PE-001 REV 3 FRR LIM-05 GE-UT-209 REV 0 FRR LIM-12, 23	x x x	NRI PT, NRL UT-45, ISG NRL SC UT-45RL, CIG NRL SC UT-60RL
651600	VRR-2RS-28 N18 NOZZLE TO SAFE END (AZ.180 DEG.)	K/A+ K/A	and the second second	GE-UT-209 REV 0 FRR LIM-12, 23	хx	MRL UT-45, ISG NRL SC UT-45RL, CIG NRL SC UT-60RL

#### LIMERICK GENERATING STATION UNIT 2 INSERVICE INSPECTION SUMMARY FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (1993) CLASS 1 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION RR (FIG NO X1-VRR-2RS-2B)	ASME SEC. KI CATGY ITEM NO	EXAM	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
651700	VRR-2RS-2B N1B HOZZLE TO SAFE END (AZ.180 DEG.) 18C /279 /473 /180 RWCU (FIG NO XI-DCA-201-1)	N/A+ N/A		GE-UT-209 REV 0 FRR LIM-12, 23		NRL UT-45, ISG NRL SC UT-45RL, CIG WRL SC UT-60RL
667300	DCA-201-1-11B SW4 6" ELBOW TO PIPE 18C /297 /473 / 97	₩/A+ R/A		UT-PE-DO2 REV 7 FRR LIM-D7	х х	RG UT-45, NRI UT-45 SUPP; COVERAGE LIMITED TO 54% OF WRV DUE TO WHIP RESTRAINT
667400	DCA-201-1-118 SW4 6" ELBOW TO PIPE 18C /297 /473 / 97	N/A+ N/A	UT-45	UT-PE-DO2 REV 7 FRR LIM-D7		RG UT-45, NRI UT-45 SUPP; COVERAGE LIMITED TO 54% OF WRV DUE TO WHIP RESTRAINT
671700	RWCU (FIG NO X1-DCA-201-2) HV-44-2F0D4 (INT. SURF.) 6" M.O. GLOBE VALVE (INTERNAL SURFACES) 18 /297 /597 / 0		v7-3	NDE-7 REV 2	X	NRL

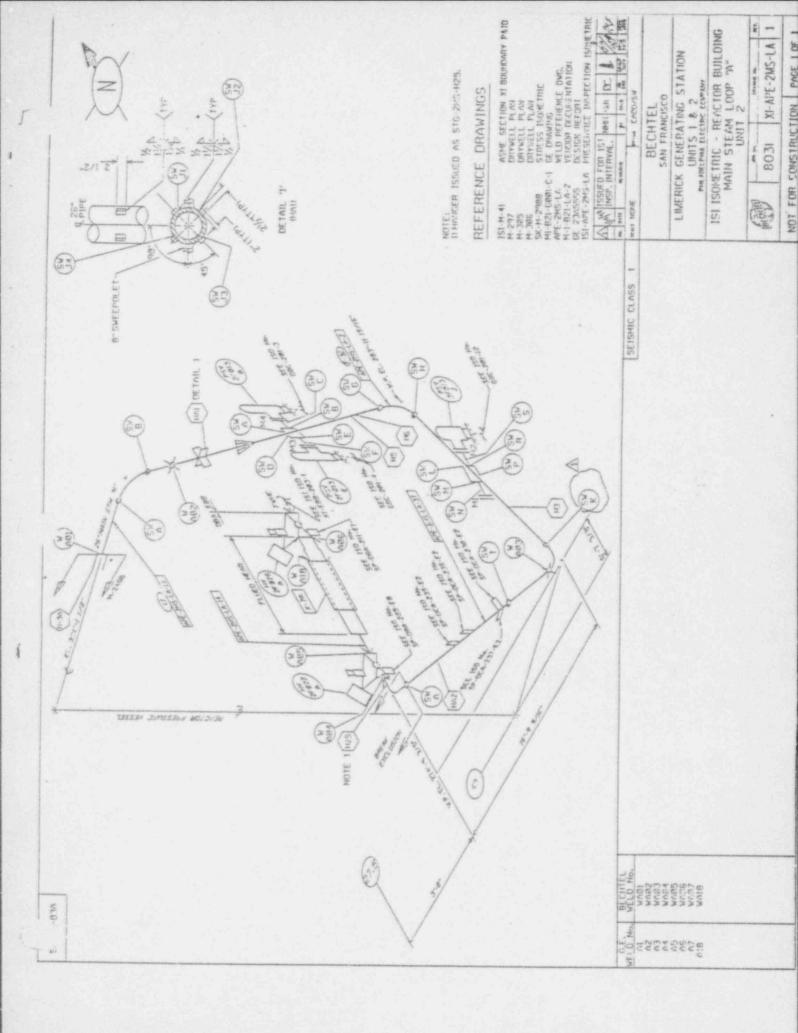
LIMERICK GENERATING STATION UNIT 2 SUMMARY REPORT FOR THE JUNE 6, 1991 TO MARCH 16, 1993 PERIODIC INSERVICE INSPECTION

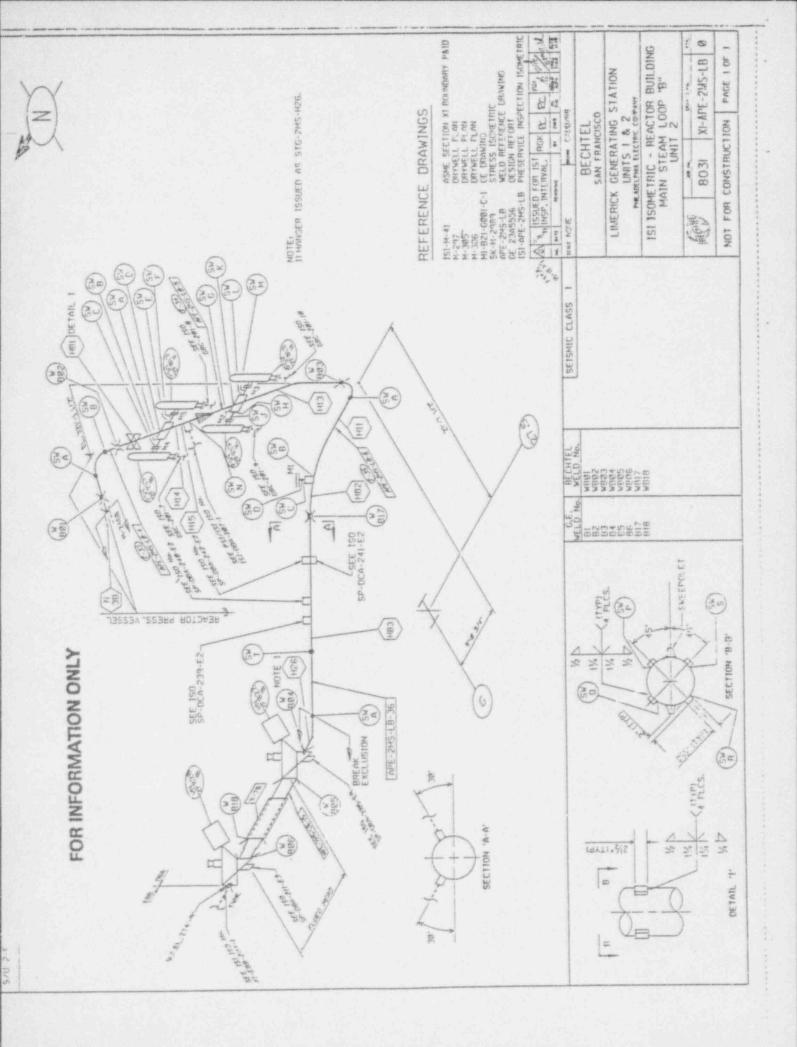
REPORT Nº 2

# ATTACHMENT 2

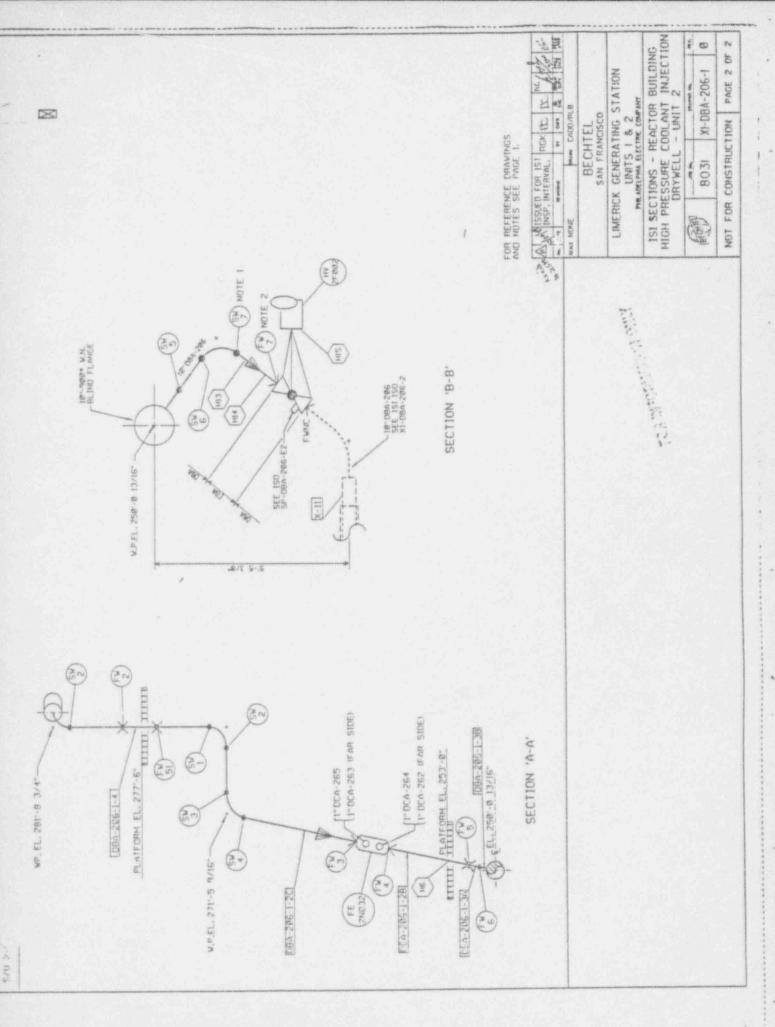
REFERENCE DRAWINGS

CLASS 1 AND 2 COMPONENTS

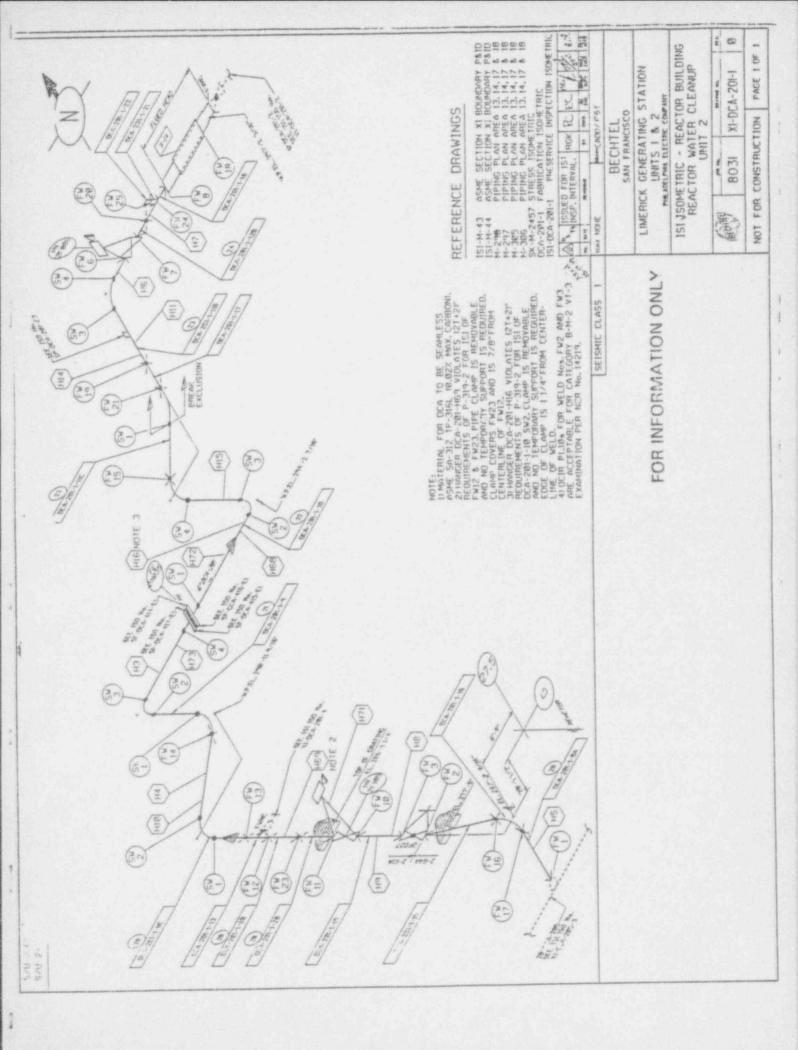


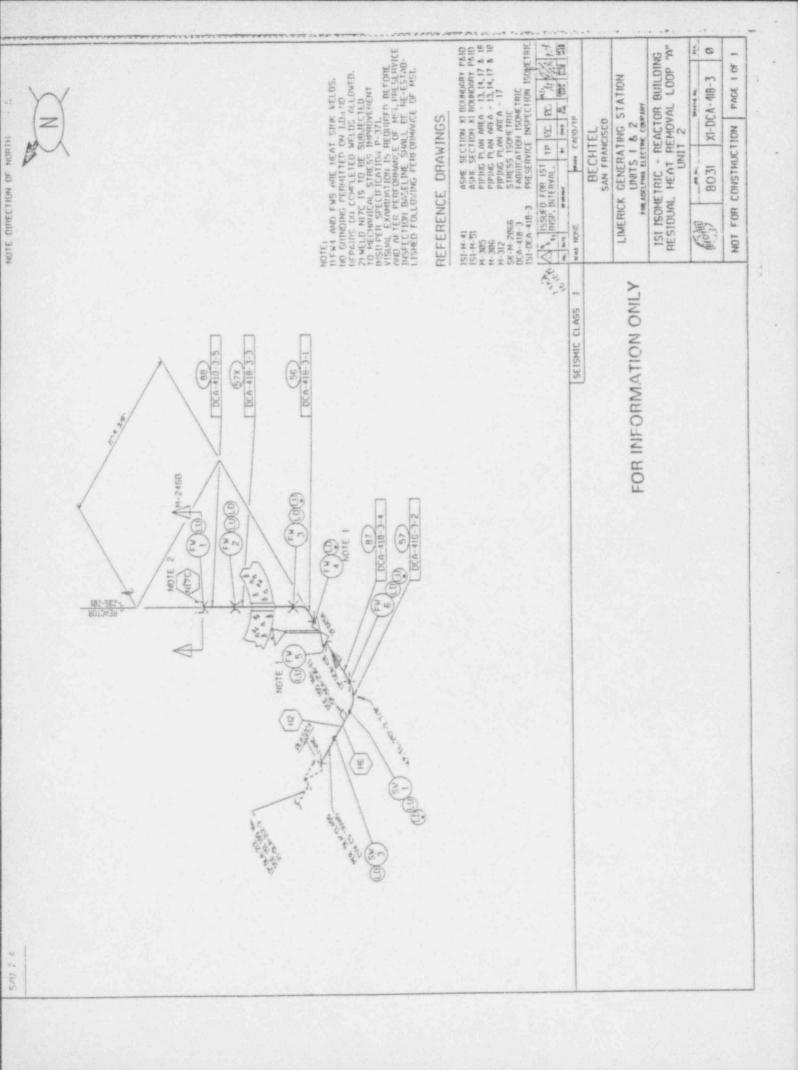


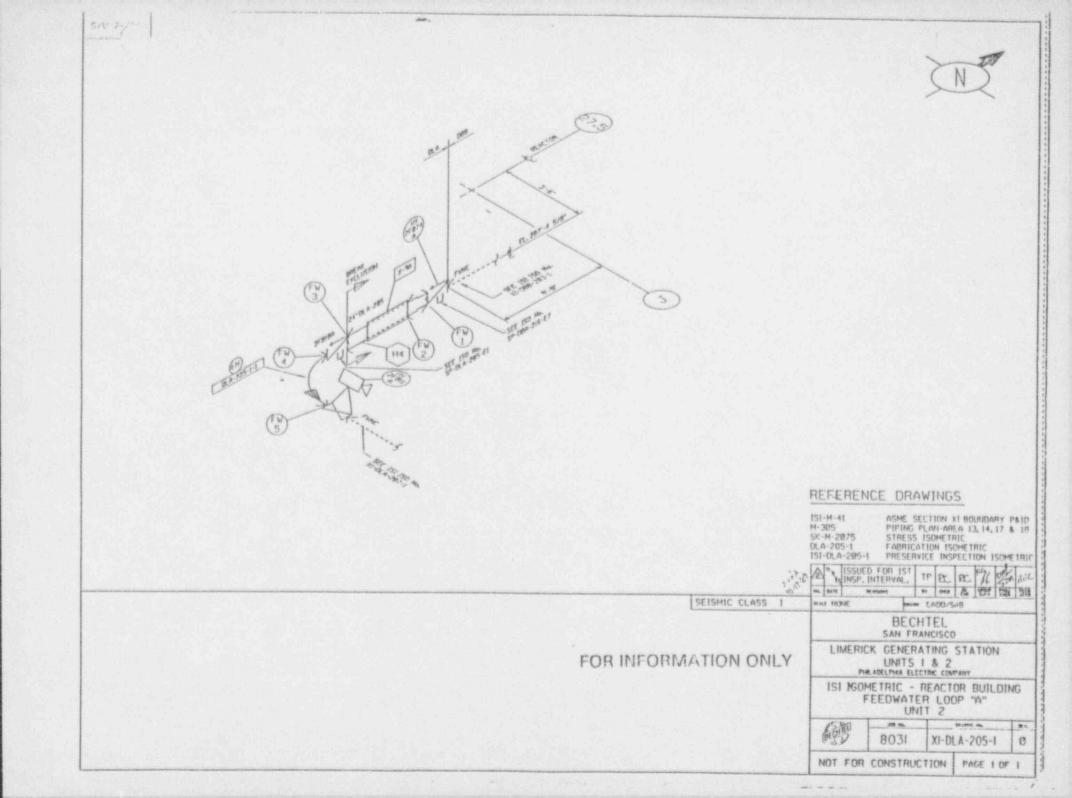
REACTO	27.5) MR G			-(N)-	
M.P.EL. 281'-9' (BA-206-1-1) (BA)	REACTOR				
M.P.EL. 258 - 2 13/16 H12 H12 H12 H12 H12 H12 H12 H12		FOR ISI OF C PIPE CLAMP ORARY SUPPO CLAMP IS 3/ 21 HANGER D/ PEDUIPEMENT CLAMP IS RE SUPPORT IS 1/2"FROM CE FW7 HAS TYI LP-595.	DBA-206-1-38 IS PEMOVABL DRT IS REQUI 4" FROM CEN 3A-206-H14 V IS DF P-319- MOVABLE ANI REQUIRED, ED ENTERLINE OF	LE AND NO TEN INED. EDGE OF TERLINE OF WI VICLATES 127+2 2 FOR ISLOF D NO TEMPORAL XCE OF CLAMP - WELD, REF. REF. FLR N	MP- ELD. 27" FW7. RY IS
And the second s	and a second	ISI-M-55 H-295 H-296 H-296 SK-M-2865 D5A-286-1 ISI-08A-286-1 ISI-08A-286-1 ISI-08A-286-1 ISI-08A-286-1	ASME SEC PIPING PL PIPING PL STRESS IS FABRICATI PRESERVIC D FOR IST NITERVAL, RG	TION XI BOUNDAR AN AREA 13,14,11 AN AREA 13,14,11 AN AREA 13,14,11 SOMETRIC ION ISOMETRIC E INSPECTION IS	7818 7818 7810
	SEISHIC CLASS	tent hord	BECHT	TEL	
	Either Former		SAN FRAN CK GENERAT UNITS I RADELPHIA ELECTI	TING STATION	N
	POR REORISEDA CRIX	ISK PL HIGH PR	AN - REAL	CTOR BUILD	ING
		顧問		XI-DBA-206-	1 J
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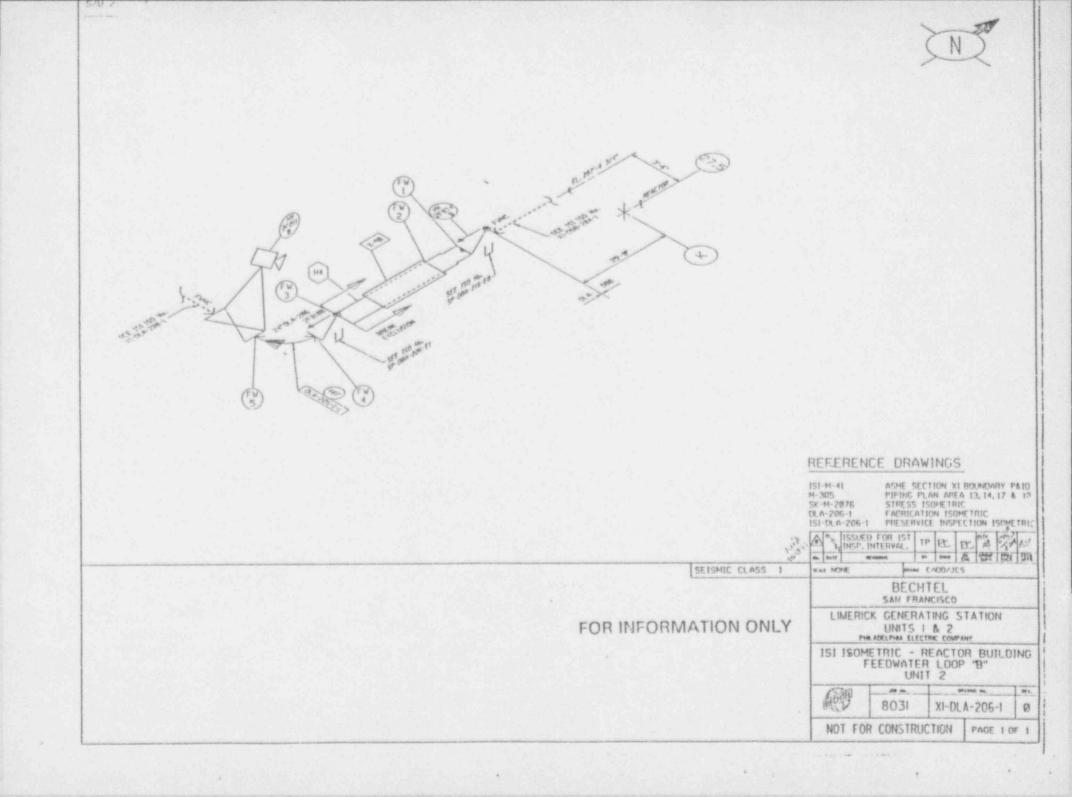


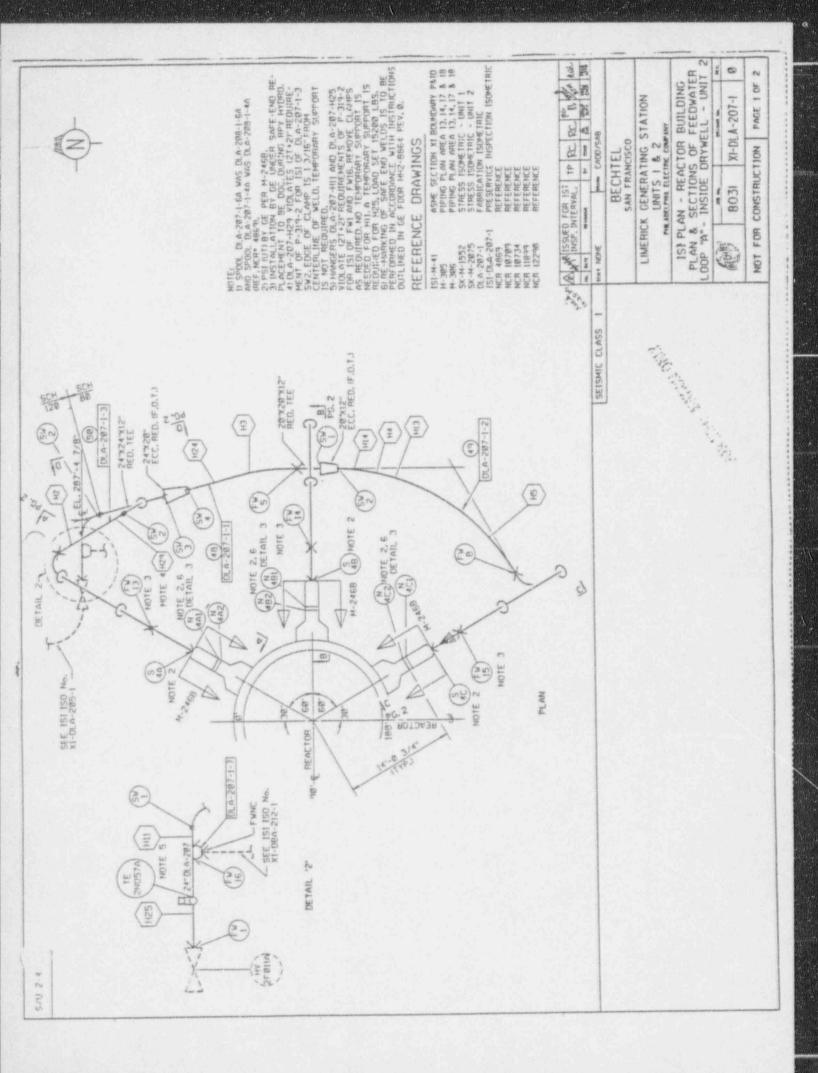
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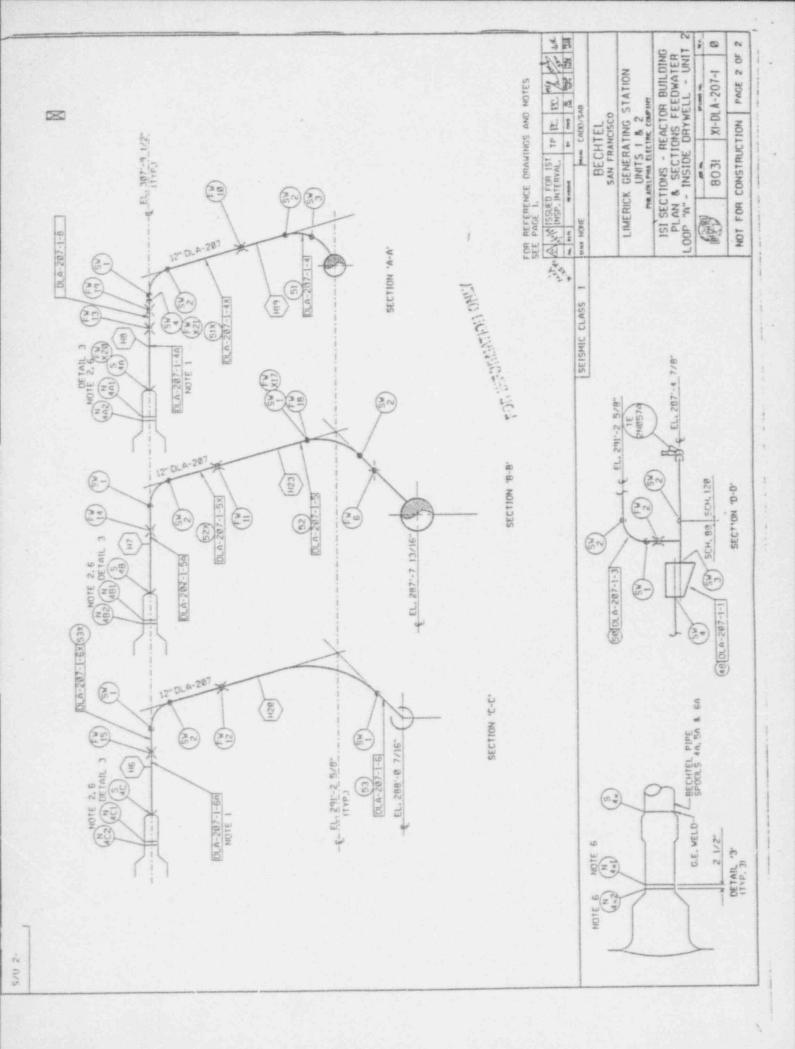


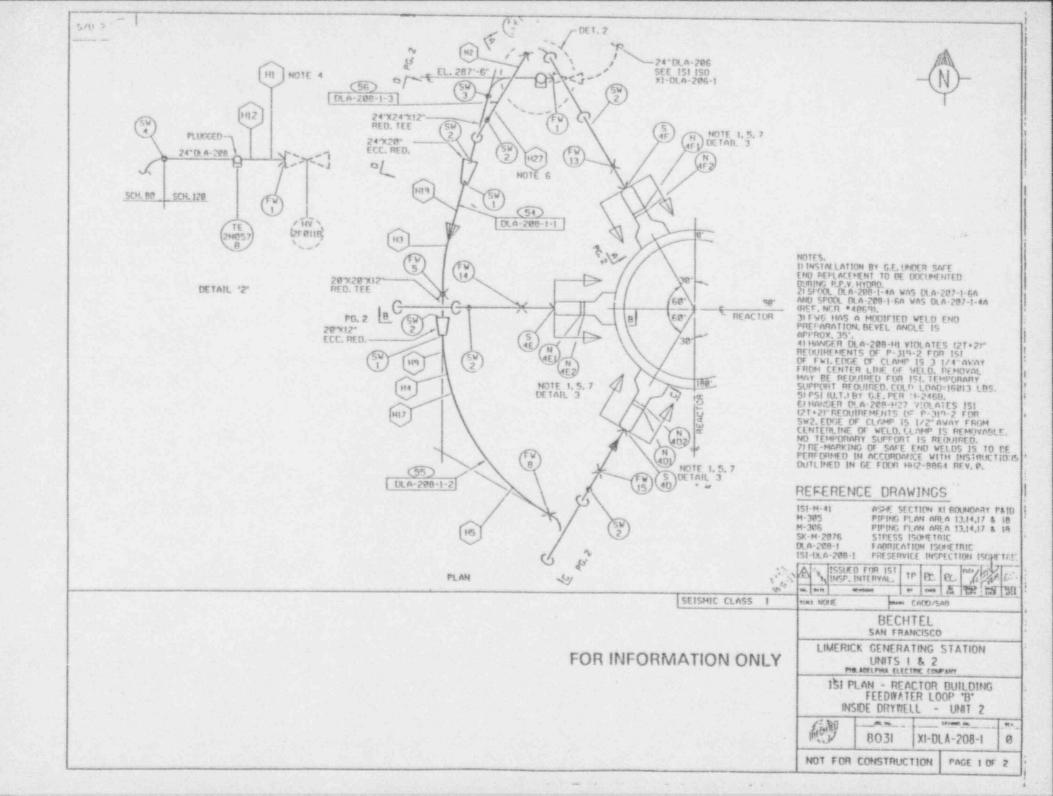


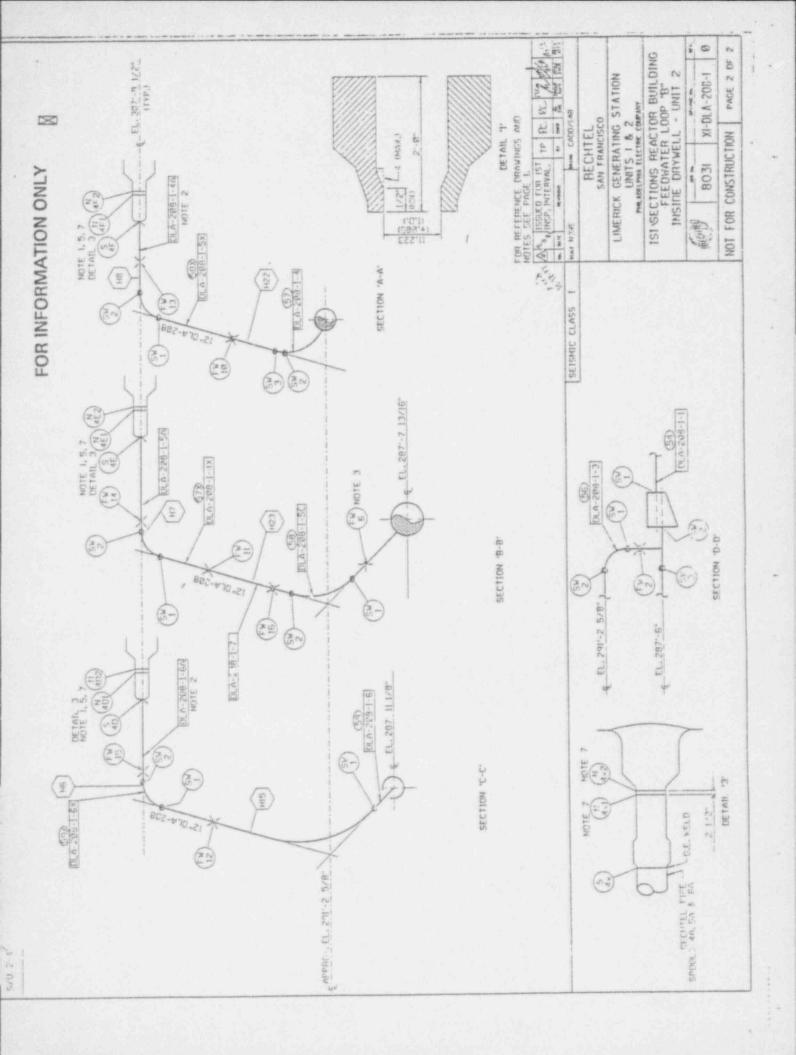


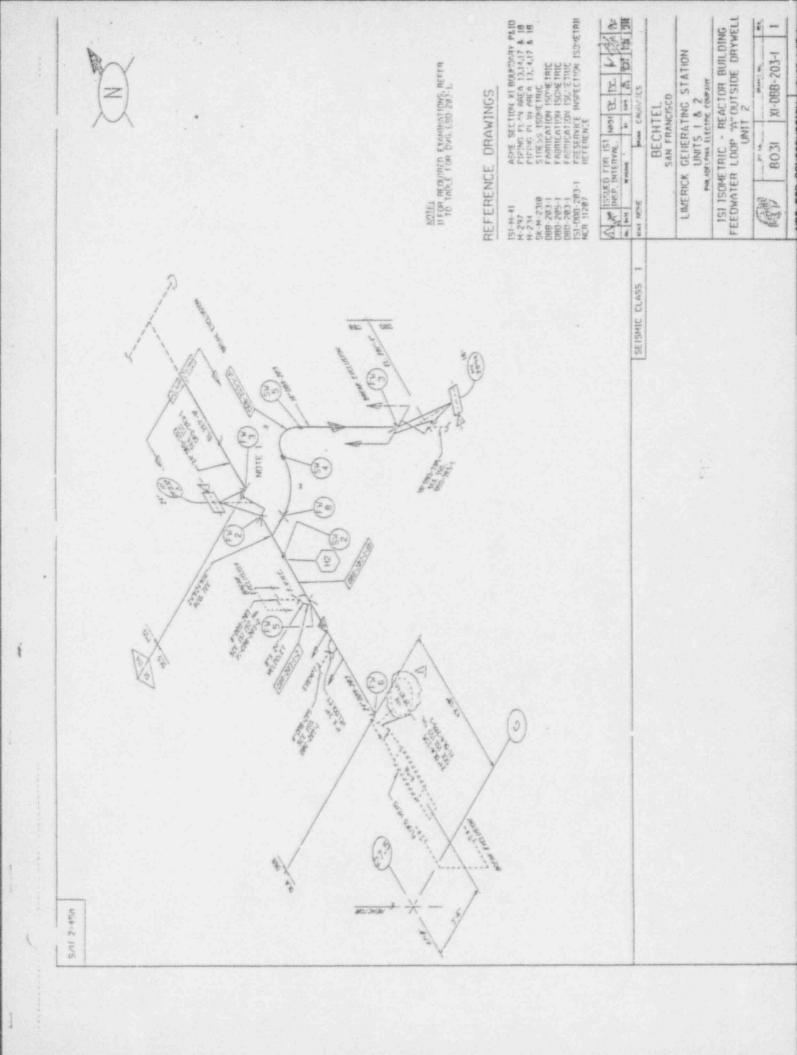




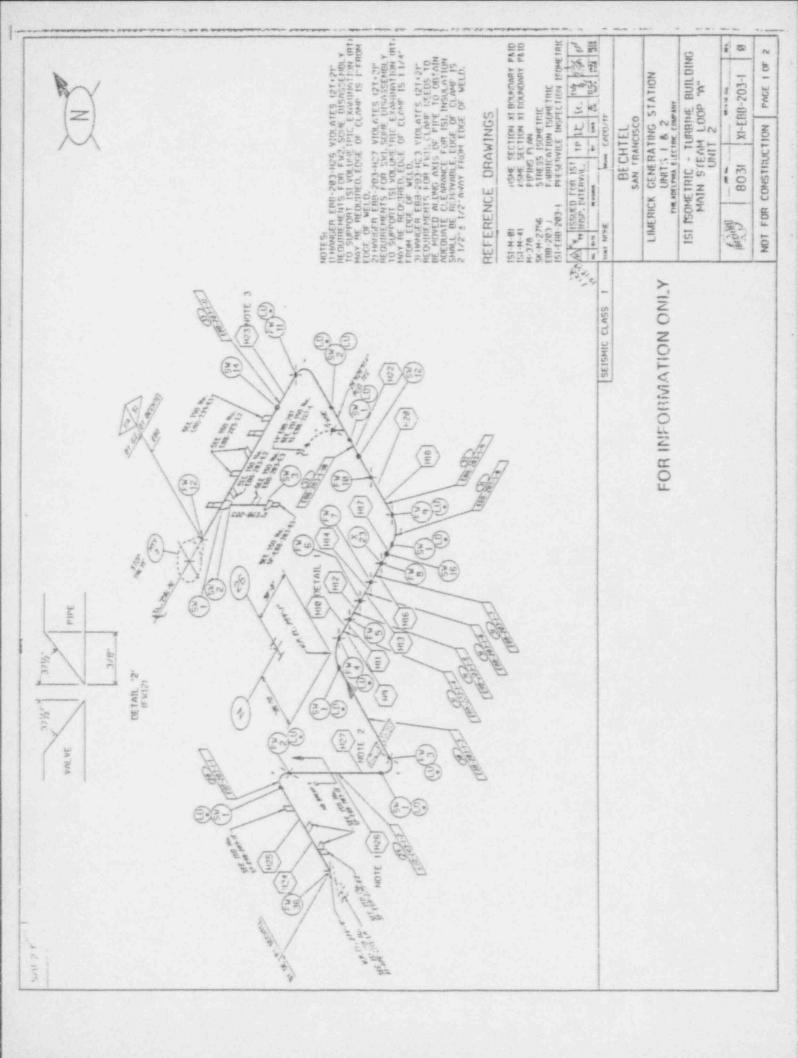


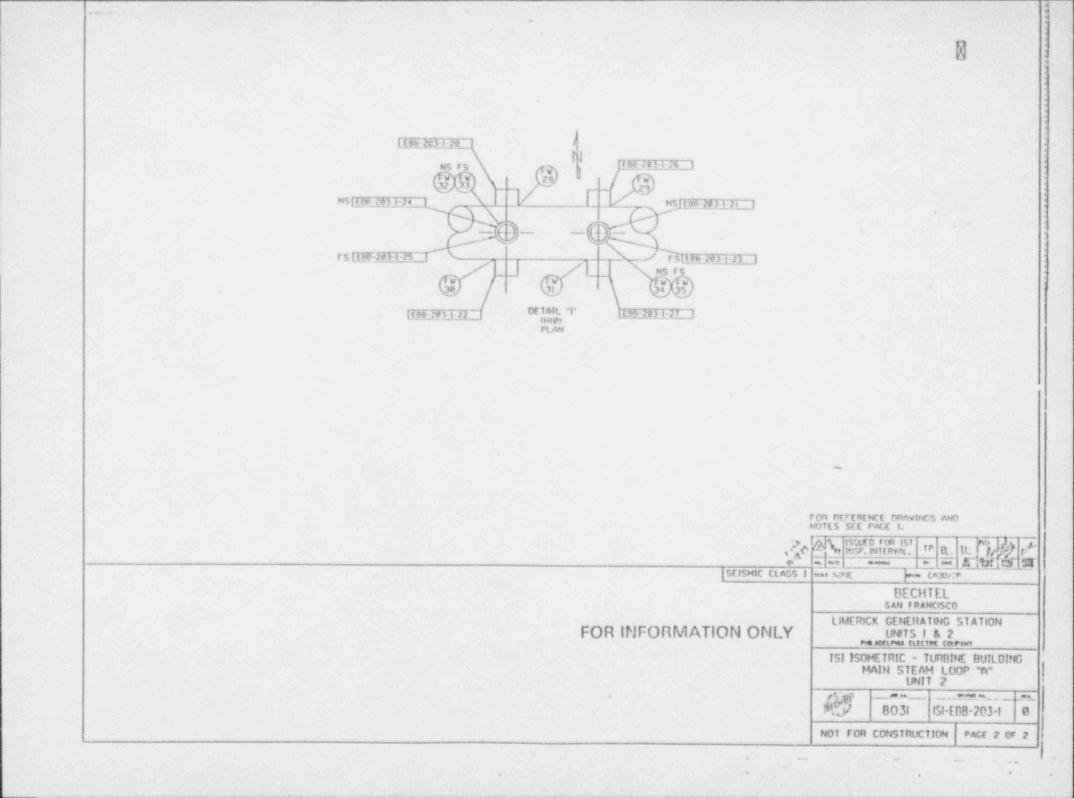


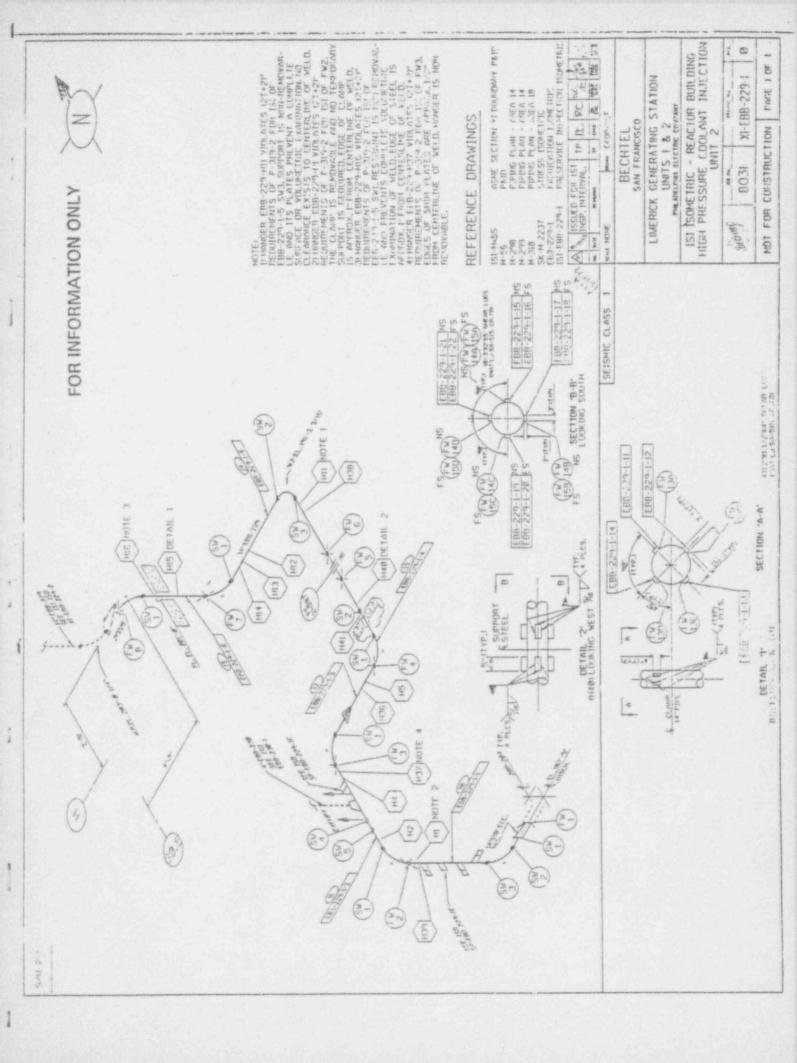


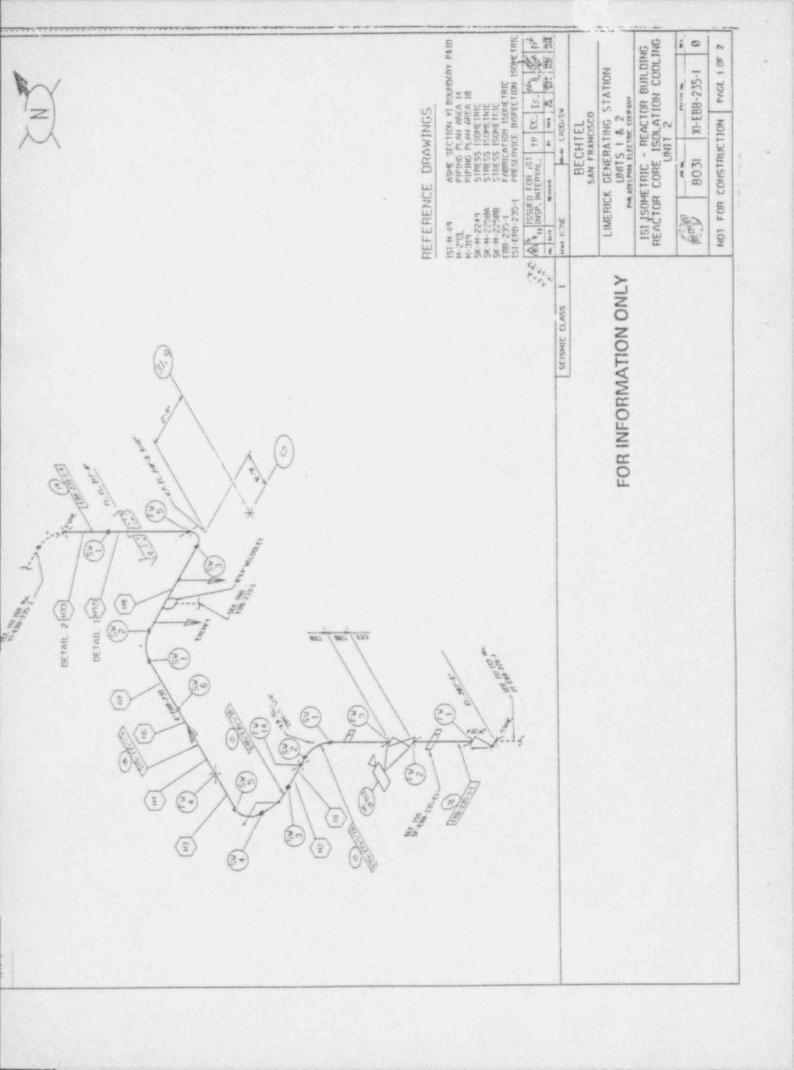


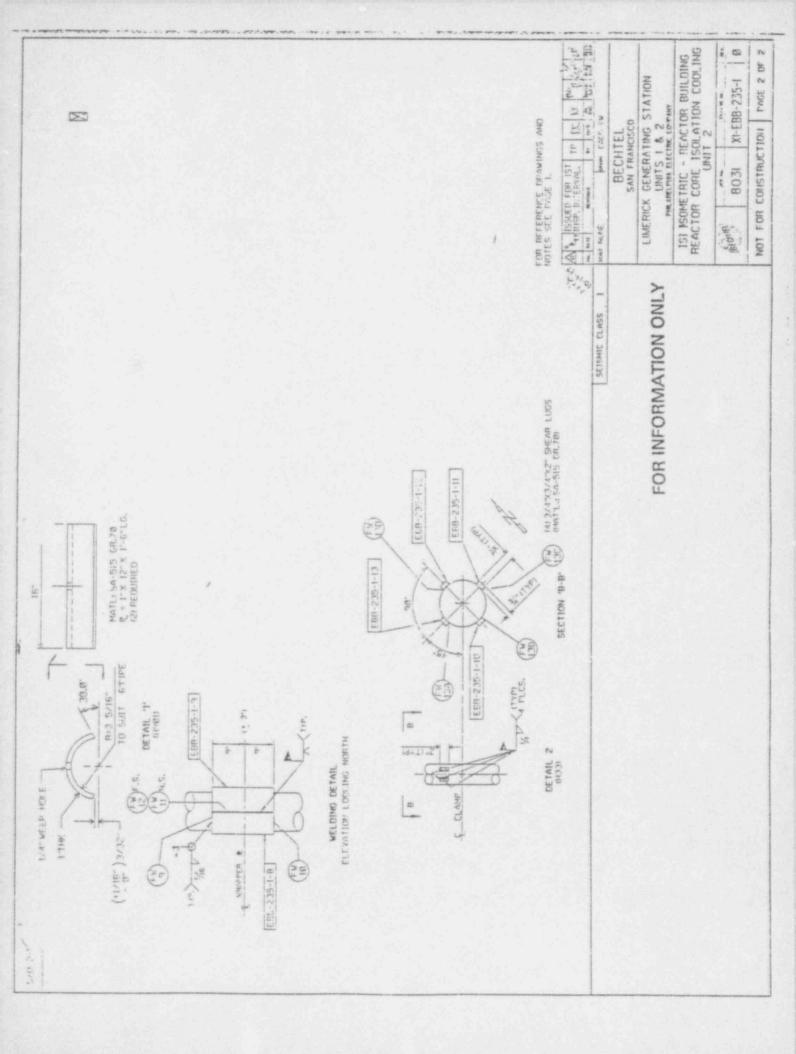
	NOTE: I) CHANGED MATERIAL CHADE OF 24%16" I) CHANGED MATERIAL CHADE OF 24%16" IEE FROM ASHE SA-234 CHANEI 70 ASHE SA-234 CHANEC FER CCM Na. BE94440. ZIFOH REQUIRED EXAMINATIONS REFER TO TABLE FOR DWG. DBD-204-1.	REFERENCE DRAWINGS ISI-M-41 ASHE SECTION XI BOWNDARY PAID W-305- W-305- W-234 PIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-234 FIFING PLAN - AREA 13, 14, 17 & 18 SK-244 FIFING PLAN - AREA 14,	PACIAL REVIEW RISERED FOR 151 REVE RC PC 100 151 REV RC PC 100 150 AND 101 102 102 100 100 100 100 100 100 100	TON INCOMPACTOR DUTING ISI ISOMETRIC - REACTOR BUILDING FEEDWATER OUTSIDE DRYWELL LOOP '9" - UNIT 2 MOT FOR CONSTRUCTION   PACE LOS I
And	Contraction of the second seco	X		

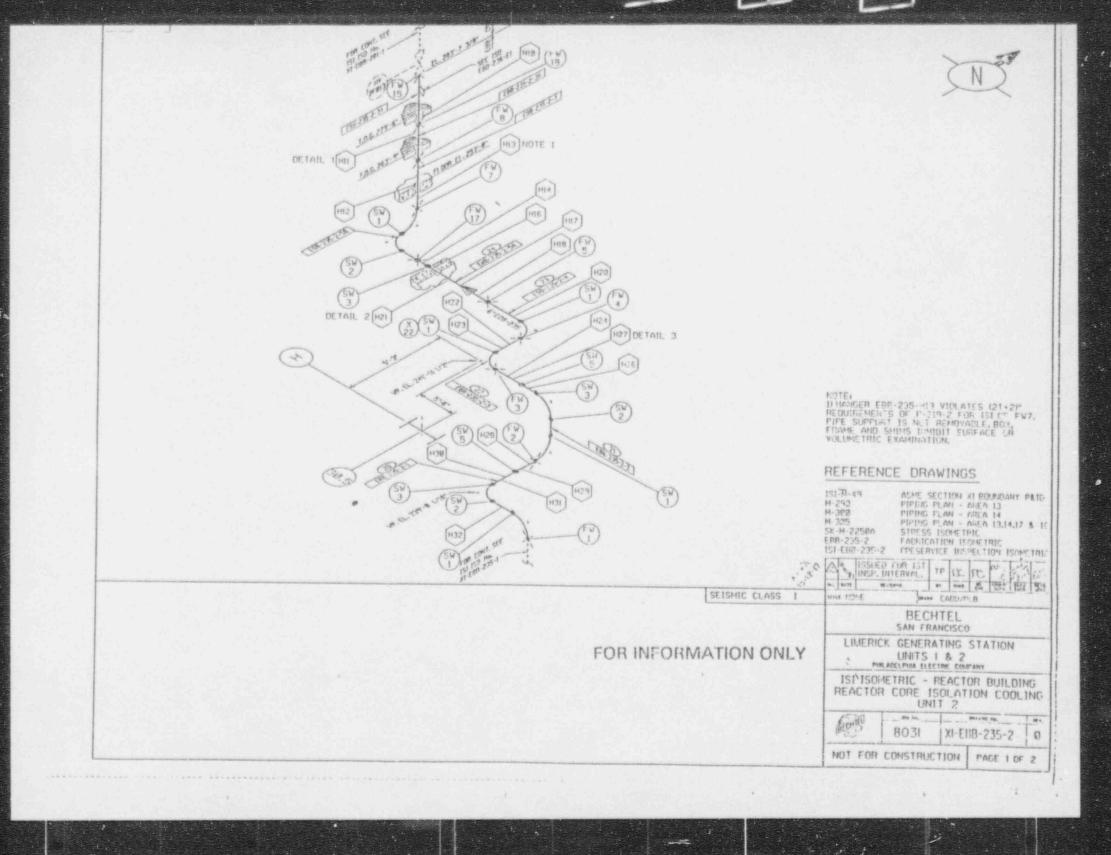


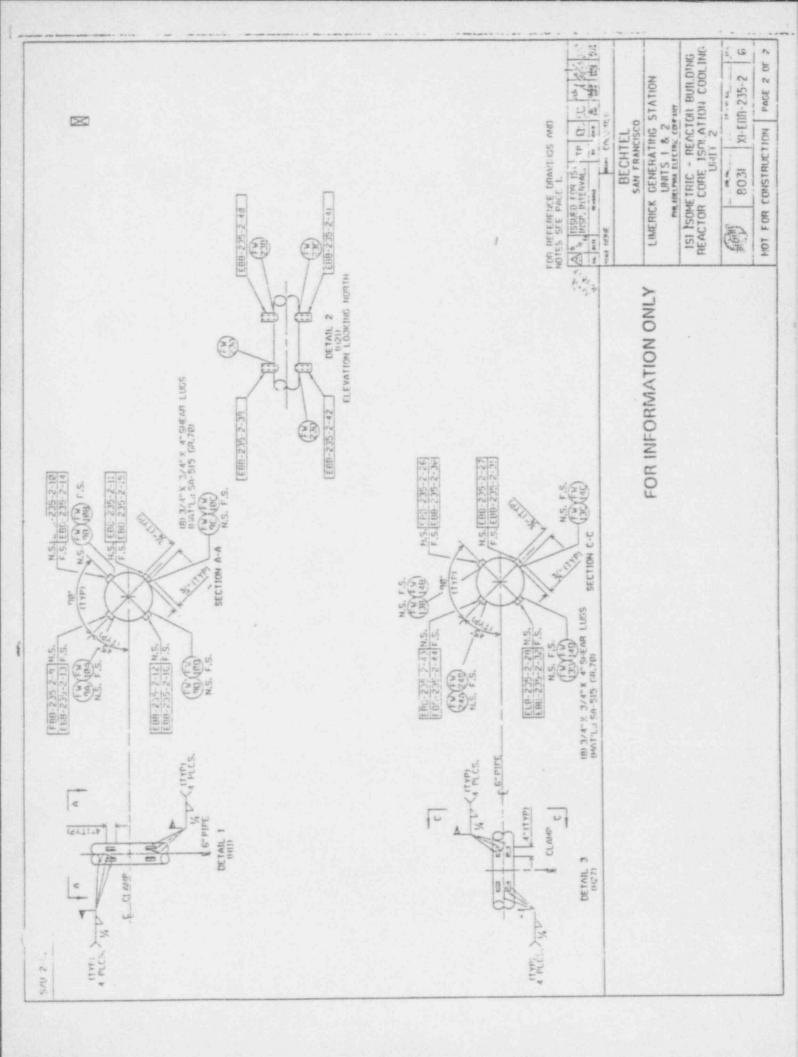


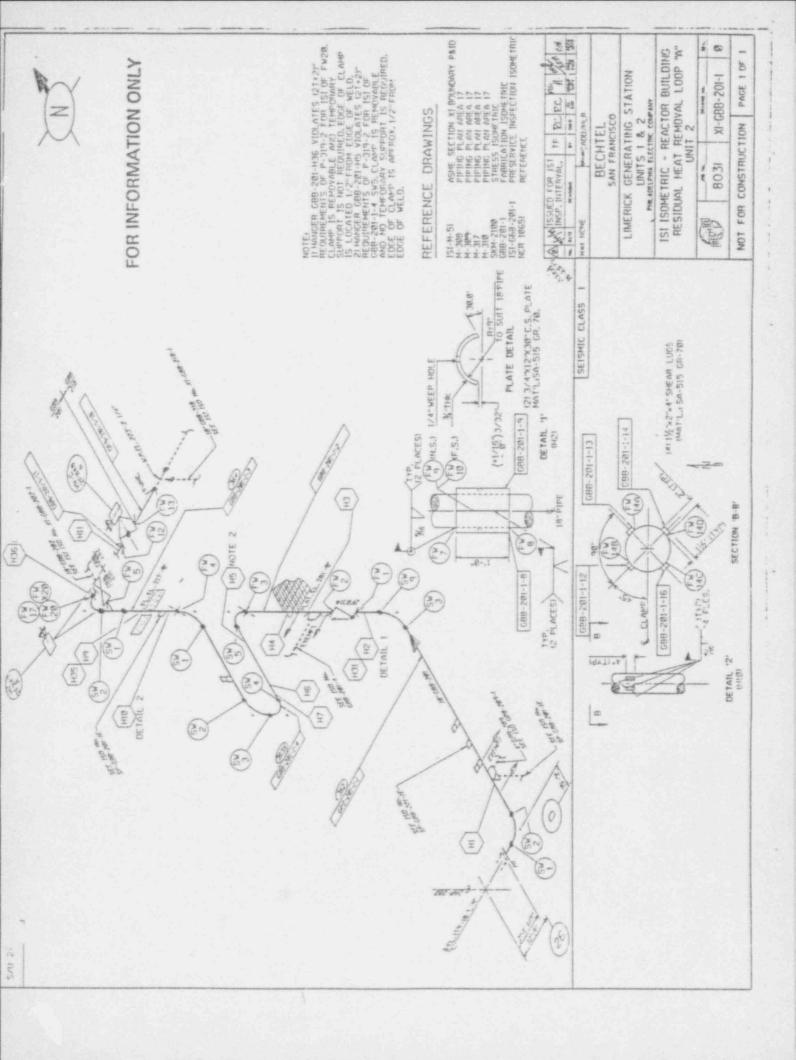


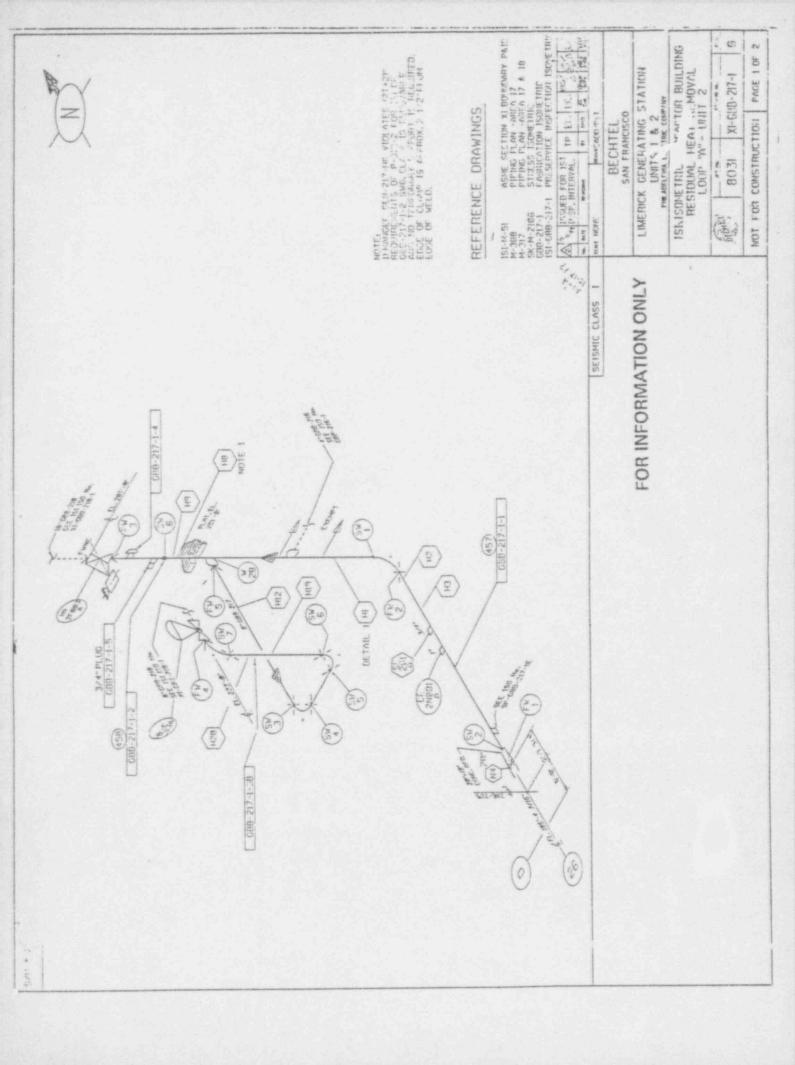


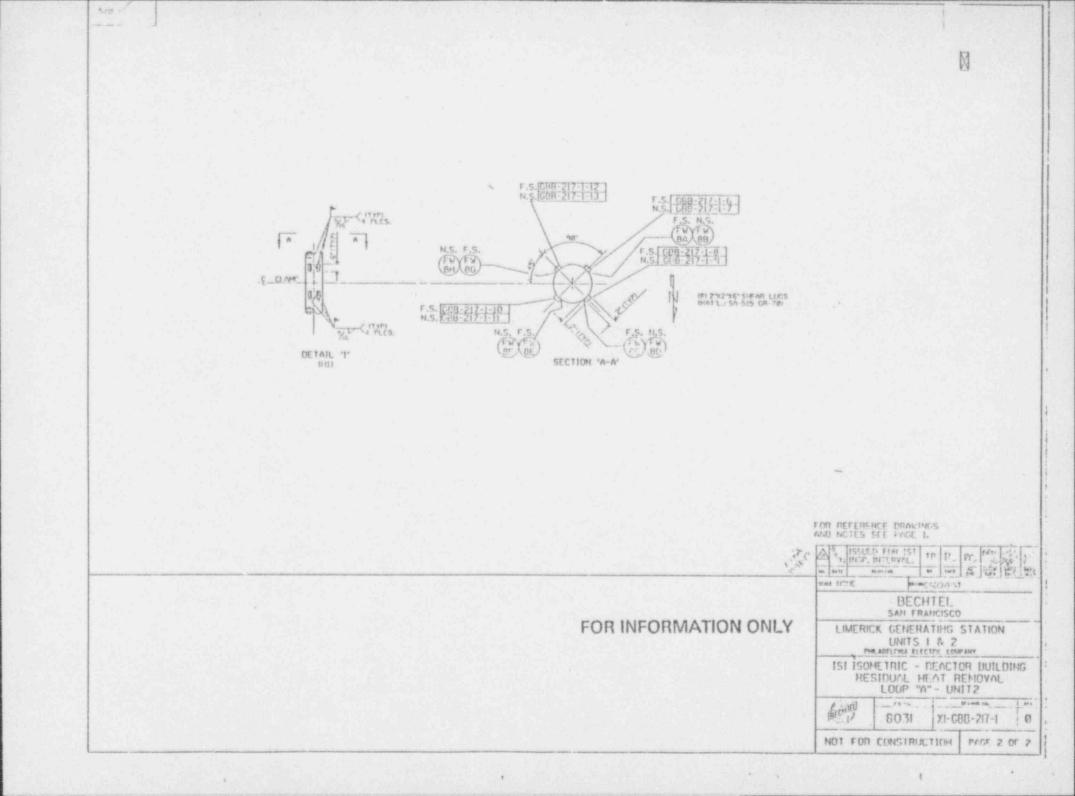


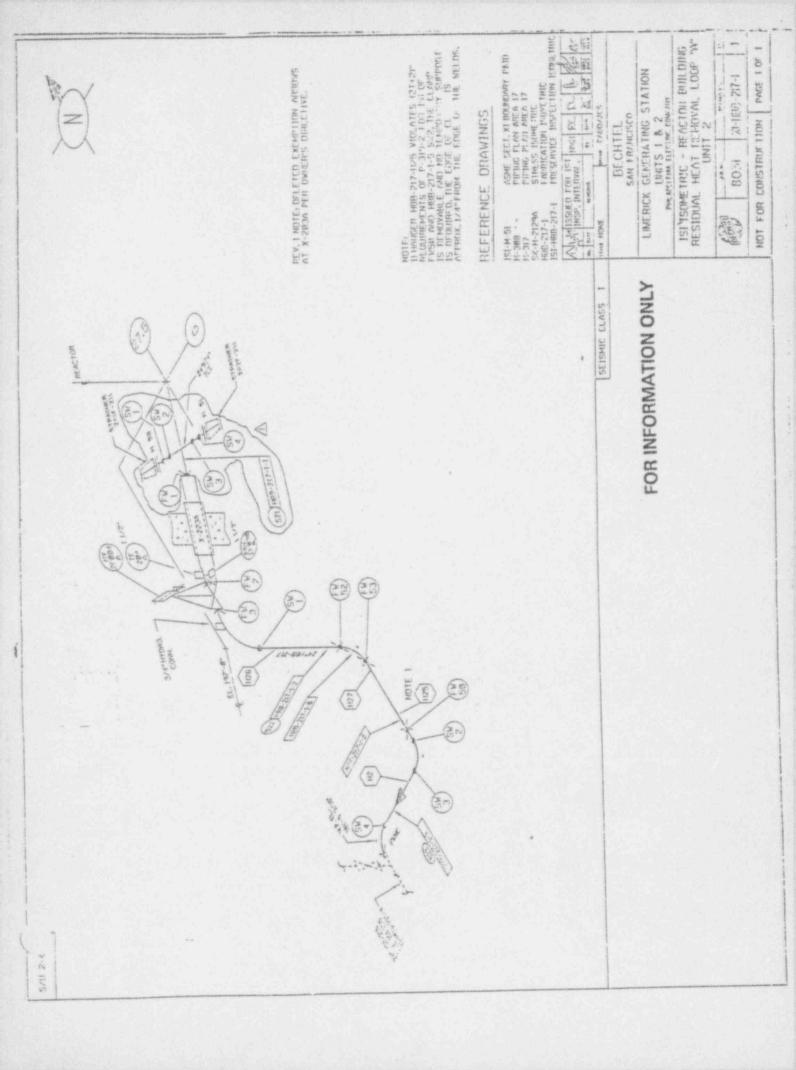


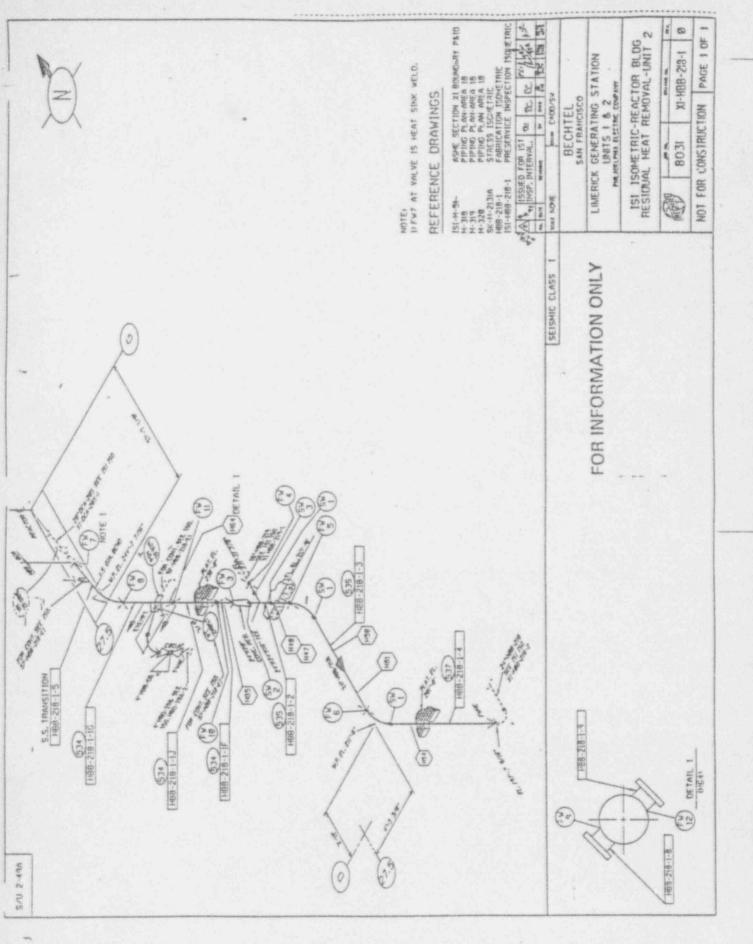


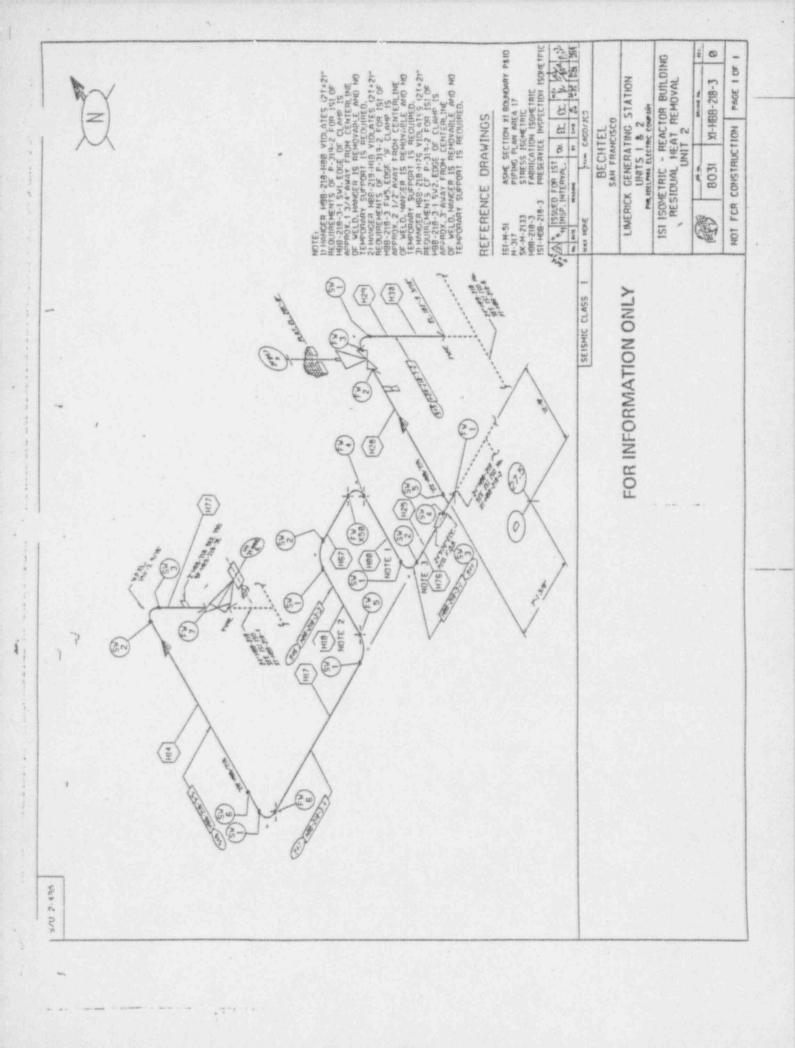


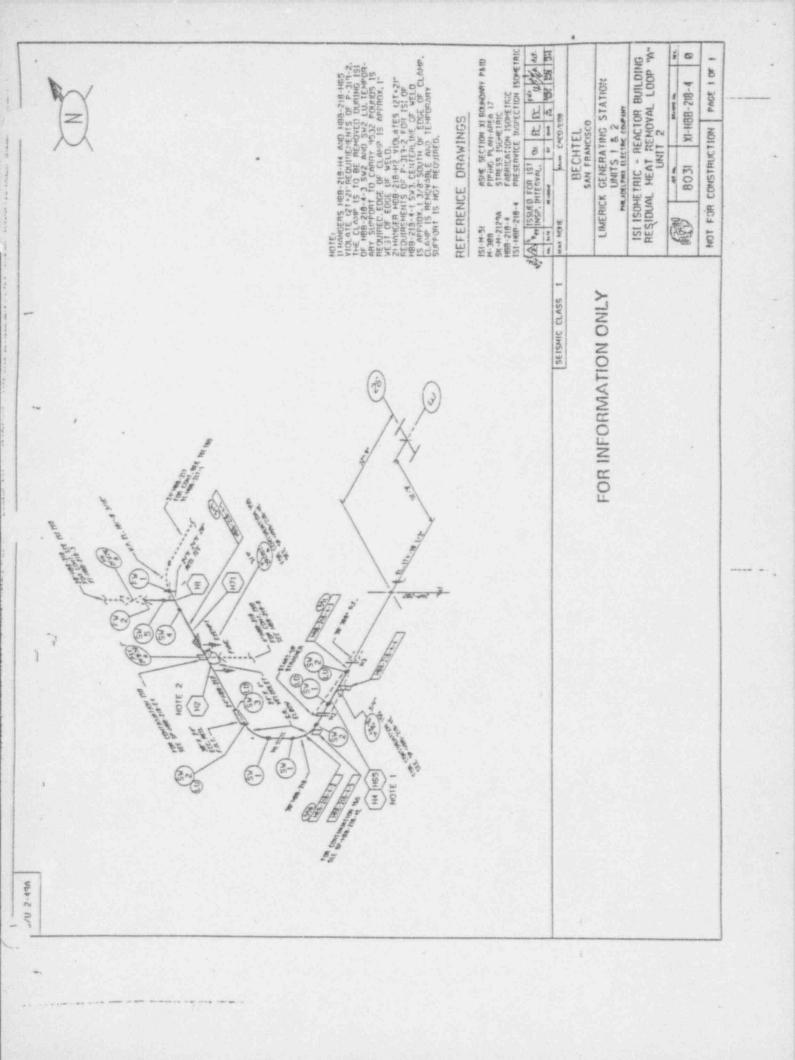


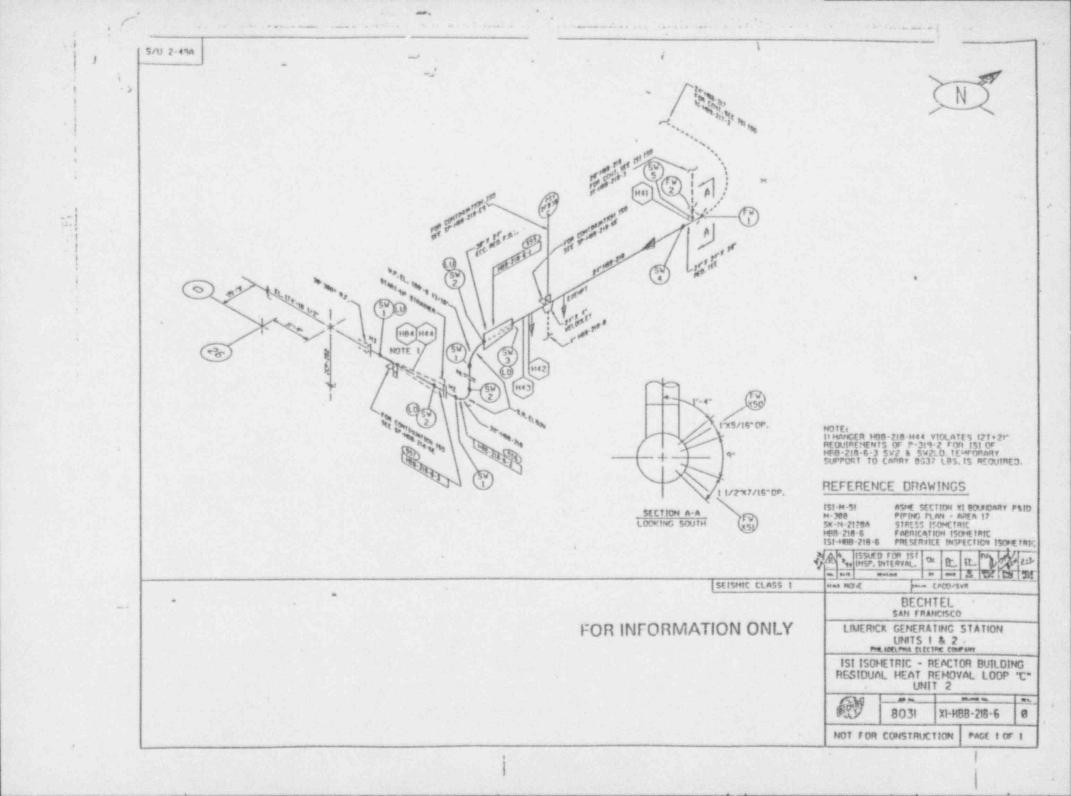


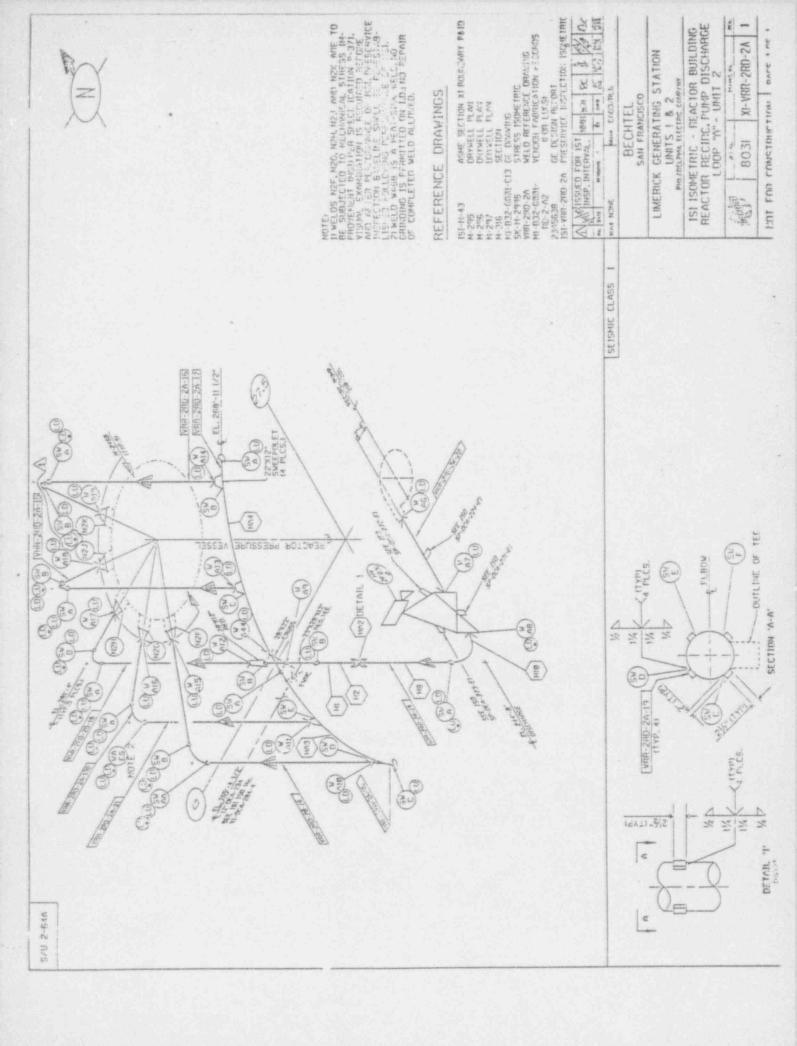


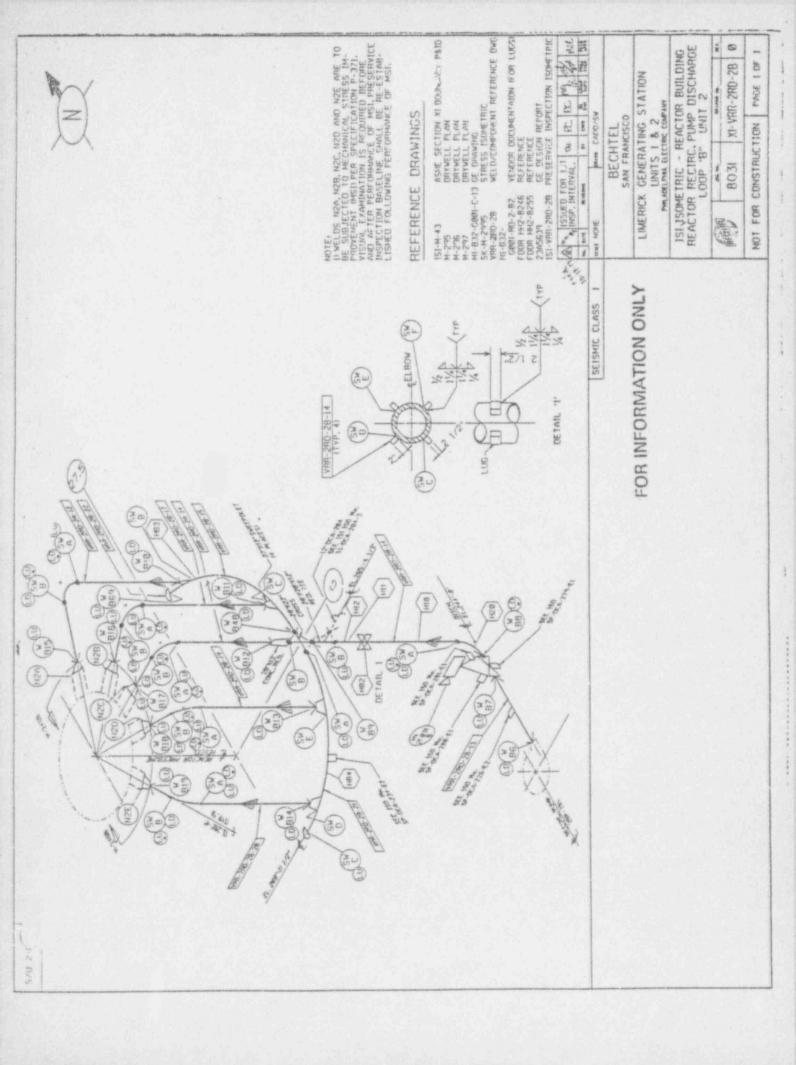


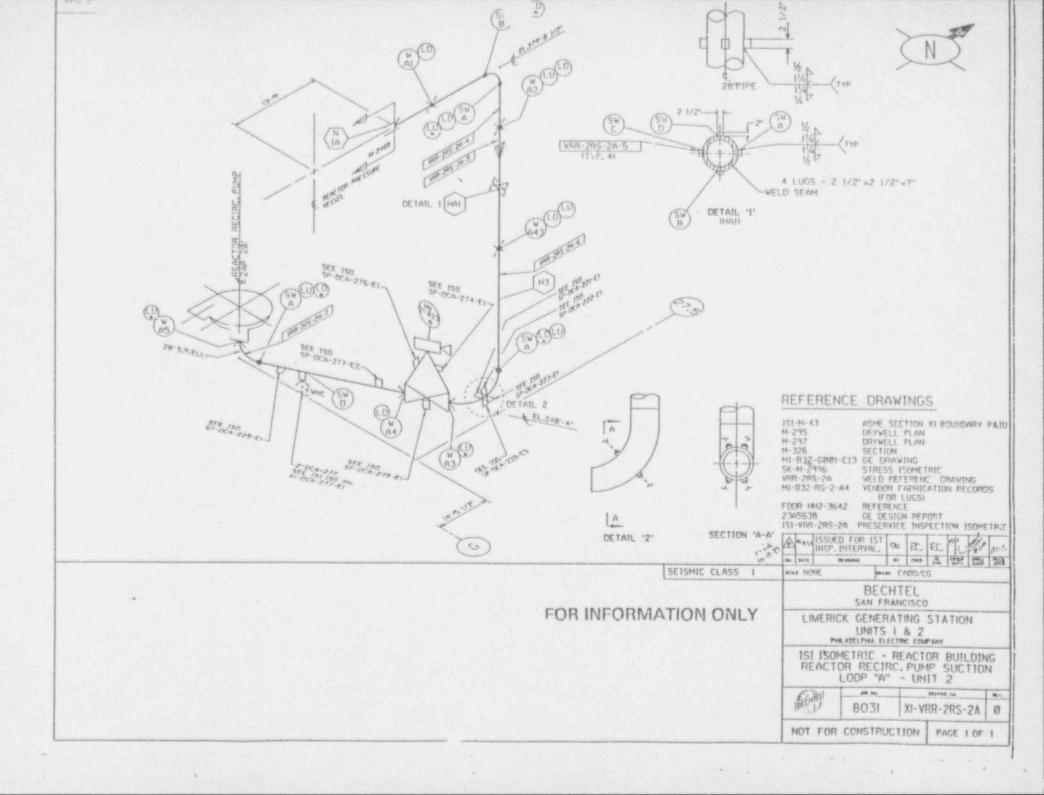


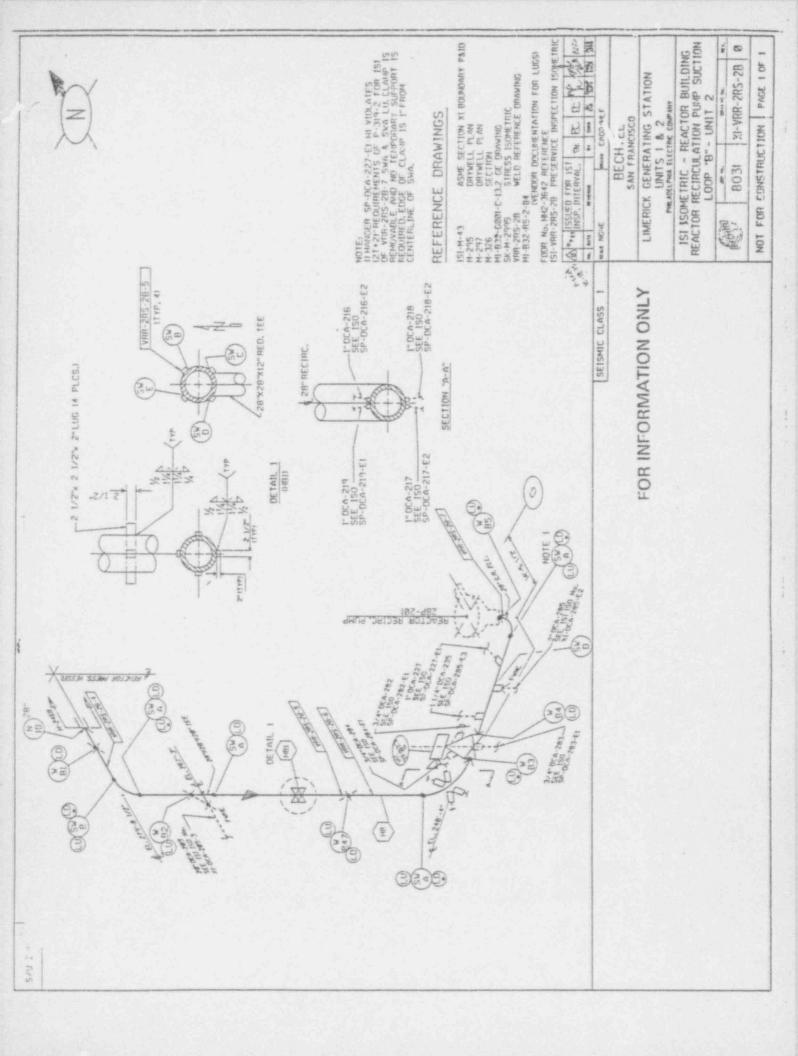


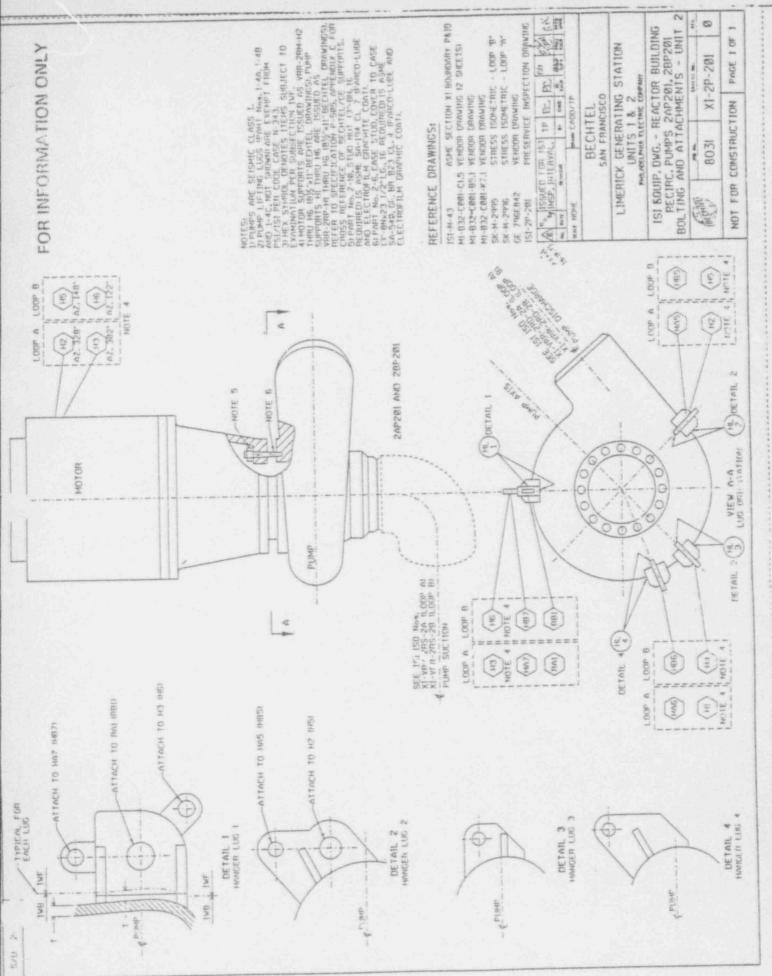


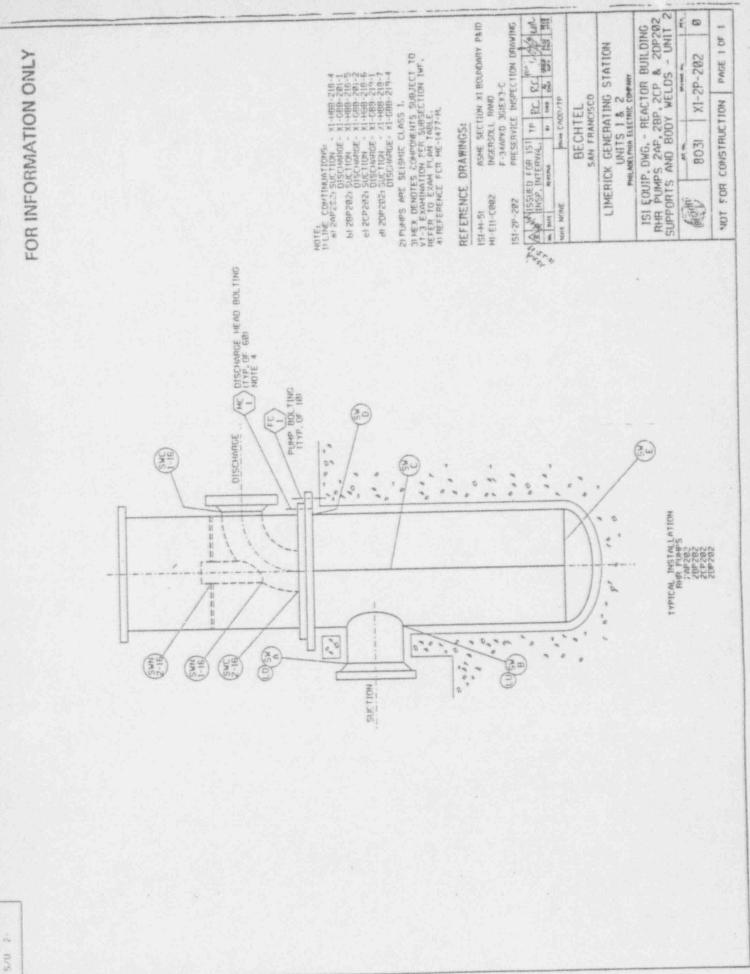


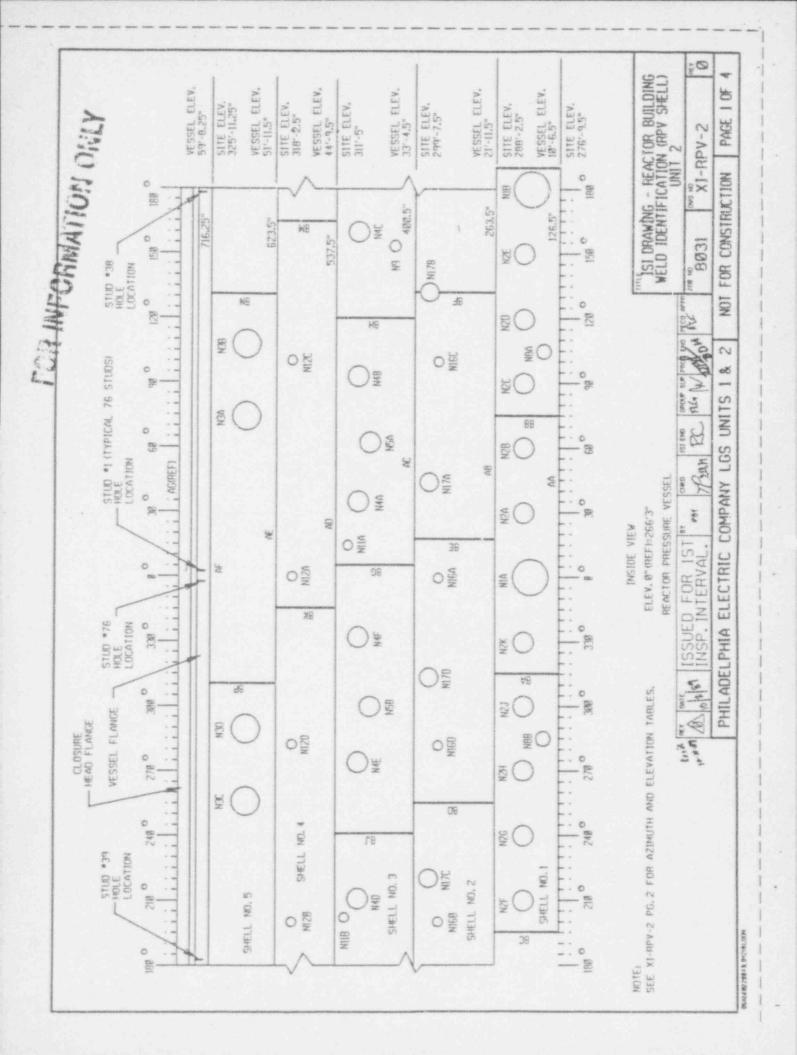












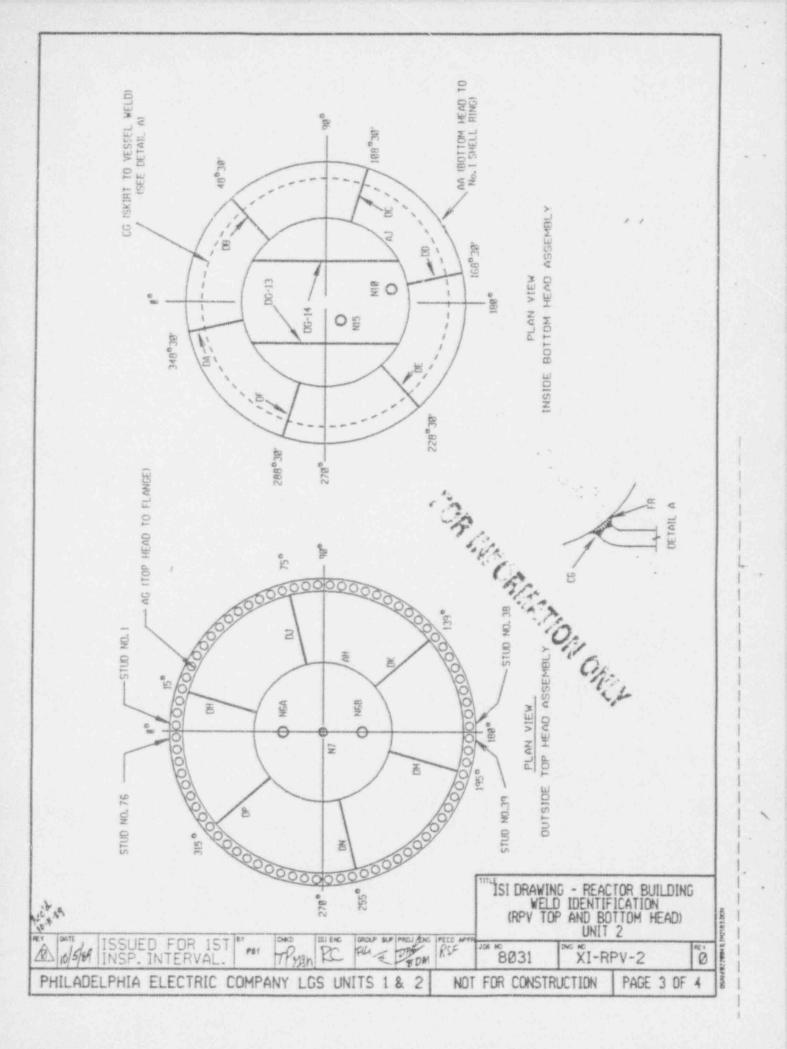
SPELL 000852 2 3 3 3 3 3 3 5 5	VESSEL VESSEL 18°-6.5° 18°-6.5° 18°-6.5° 21°-11.5° 21°-11.5° 21°-11.5° 21°-11.5° 33°-4.5° 33°-4.5° 33°-4.5° 44°-9.5° 44°-9.5° 44°-9.5° 33°-4.5°	LL VESSEL EL PVESSEL EL 197-6.5" 187-6.5" 187-6.5" 217-11.5" 217-11.5" 337-4.5" 337-4.5" 337-4.5" 337-4.5" 337-4.5" 347-9.5" 447-9.5" 517-11.5"	AZIMUTH C	317 038'	17 0 38'	.0°c /61	255 a	• 51	135 8	0	128 0	248 0	345 a	165 °	a 961
			Stell.	-		-	2	2	2	3	3	3	-	+	5

CIRCUMPERENTIAL WELD LDC

HUR	VESSEL ELEV.	18'-6.5"	21'-11.5"	33'-4.5"	44'-9,5"	51'-11.5"	59'-8.25"	62"-119EF1
LULHI	W.C.	181-	21'-	33'	44.	-,15	59'	1-23
WITTONT ENERTHY. RELU LUCHTIUN	SITE ELEV.	276'-9.5"	288'-2.5"	299'-7.5"	311'-0.5"	318"-2.5"	325'-11,25"	328'4'REF)
WITHUT ENE	N0,	AA	AB	AC	GN	AE	ÅF	(NESSEL FLANCE)

RECIRCULATION     NO.       RECIRCULATION DUTLET     BR       RECIRCULATION NLET     BR       RECIRCULATION INLET     BR	ELEVATION 13'-5.5"	1 671841714	DE CENDY IVAS	1 100	A WEALWARD
5'         6'         RECIRCULATION DULLET         6A           5'         180         RECIRCULATION NULET         80         1           6'         RECIRCULATION NULET         80         1         1           9'         RECIRCULATION INLET         80         1         1           159'         0         RECIRCULATION INLET         80         1         1           159'         0         RECIRCULATION INLET         80         1         1           159'         0         RECIRCULATION INLET         80         1	13'-5,5"	LI MINISTH	UE SUMIT FUR	'ON	HINWIZA
5°         RECIFICULATION INLET         88         1           38         RECIFICULATION INLET         80         RECIFICULATION INLET           18         RECIFICULATION INLET         80         2           18         RECIFICULATION INLET         80         2           128         RECIFICULATION INLET         80         2           278         RECIFICULATION INLET         80         2           278         RECIFICULATION INLET         80         2           278         RECIFICULATION INLET         80         2           339         RECIFICULATION INLET         80         2           57         28         MAIN STEAM         9         2           57         28         NAIN STEAM         80         2           57         28         RAIN STEAM         2         2		0.8	RECIRCULATION OUTLET	BA	317 038'
38         RECIRCULATION INLET         BC           58         RECIRCULATION INLET         BC           58         RECIRCULATION INLET         BC           798         RECIRCULATION INLET         BC           738         RECIRCULATION INLET         BC           7398         RECIRCULATION INLET         BC           757         RECIRCULATION INLET         BC           758         RECIRCULATION INLET         BC           759         RECIRCULATION INLET         BC           75         MOIN STEAM         BC           75         NON STEAM         BC           75         ROB         MOIN STEAM           75         ROB         FEEDWATER <td>13'-5.5"</td> <td></td> <td>RECIRCULATION OUTLET</td> <td>88</td> <td>17 0 38'</td>	13'-5.5"		RECIRCULATION OUTLET	88	17 0 38'
68         RECIRCULATION INLET         80         RECIRCULATION INLET           98         RECIRCULATION INLET         86         1           128         RECIRCULATION INLET         84         3           128         RECIRCULATION INLET         84         3           128         RECIRCULATION INLET         84         3           129         RECIRCULATION INLET         84         3           120         RECIRCULATION	"[-'č]	0 BE	RECIRCULATION INLET	BC	
98     RECIFICULATION INLET       128     RECIRCULATION INLET       128     RECIRCULATION INLET       158     RECIRCULATION INLET       158     RECIRCULATION INLET       238     RECIRCULATION INLET       238     RECIRCULATION INLET       330     RECIRCULATION INLET       55     PAIN STEAM       56     MAIN STEAM       57     288       58     MAIN STEAM       57     288       58     FEEDWATER       57     288       58     FEEDWATER       59     FEEDWATER       57     218       58     JET PUMP INSTRUMENTATION       59     LOW PRESUME COULING INL    <	12-1"	68 9	RECIRCULATION INLET	80	
128         RECIRCULATION INLET         BF         FE         T           159         RECIRCULATION INLET         BF	15'-1"		RECIRCULATION INLET	86	
159         RECIFICULATION INLET         96           219         RECIFICULATION INLET         91         12           219         RECIFICULATION INLET         91         12           218         RECIFICULATION INLET         91         12           218         RECIFICULATION INLET         91         12           238         RECIFICULATION INLET         91         12           338         RECIFICULATION INLET         94         11           338         RECIFICULATION INLET         94         12           57         12.2         MAIN STEAM         94         11           57         12.8         MAIN STEAM         96         12           57         288         MAIN STEAM         96         11           57         288         FEEDMATER         96         12           57         288         FEEDMATER         96         11           57         288         FEEDMATER         96         11           58         FEEDMATER         338         FEEDMATER         96         11           59         288         FEEDMATER         338         FEEDMATER         97           57         288	12/-1*		RECIRCULATION INLET	3	1.
218     RECIRCULATION INLET     BH     E       240     RECIRCULATION INLET     BH     E       270     RECIRCULATION INLET     BH     E       270     RECIRCULATION INLET     BH     E       280     RECIRCULATION INLET     BH     E       290     RECIRCULATION INLET     BH     E       270     MAIN STEAH     BH     E       57     72     MAIN STEAH     BF       57     252     KAIN STEAH     BF       57     252     KAIN STEAH     BF       57     288     MAIN STEAH     BF       57     288     MAIN STEAH     BF       57     288     FEEDWATER     BF       57     218     FEEDWATER     BF       57     218     FEEDWATER     BF       57     218     FEEDWATER     BF       57     388     CORE SPRAY     BF       57     285     LON PRESSURE COOLING INL       585     LON PRESSURE COOLING INL <td>12'-1"</td> <td></td> <td>RECIRCULATION IMLET</td> <td>86</td> <td></td>	12'-1"		RECIRCULATION IMLET	86	
240     RECIRCULATION INLET     BJ     Z       270     RECIRCULATION INLET     BJ     Z       270     RECIRCULATION INLET     BH     I       270     RECIRCULATION INLET     BH     I       270     RECIRCULATION INLET     BH     I       271     RIN STEAH     BF     BF     3       272     MAIN STEAH     MAIN STEAH     BF     3       273     BF     MAIN STEAH     BF     3       274     252     KAIN STEAH     BF     3       27     253     MAIN STEAH     BF     3       27     264     FEEDWATER     BF     3       27     278     FEEDWATER     BF     3       278     3     FEEDWATER     BF     3       278     3     FEEDWATER     BF     3       278     JET PUPP INSTRIMENTATION     BF     3       279     JET PUPP INSTRIMENTION     BF     3       275     JET PUPP INSTRIMENTATION     BF     3       275     LON PRESSIRE COOLING INL     BF     3       275     LON PRESSIRE COOLING INL     BF     3       275     LON PRESSIRE COOLING INL     BF       275     LON PRESSIRE C	"I~,SI		RECIRCULATION IN ET	HB	
278     RECIRCULATION INLET     BK     3       328     RECIRCULATION INLET     BH     H       338     RECIRCULATION INLET     BH     H       57     72     MIN STEAH     BH     H       57     252     AIN STEAH     BH     H       57     252     PAIN STEAH     BH     H       57     252     PAIN STEAH     BH     H       57     288     MIN STEAH     BF     H       57     288     PAIN STEAH     BF     H       57     288     FEEDMATER     BF     H       57     288     FEEDMATER     BF     H       58     FEEDMATER     CORE SPRAC     H     H       57     218     FEEDMATER     H     H       57     218     FEEDMATER     H     H       57     218     FEEDMATER     L     H       58     L     L     L     H       59     L     L     H       50     L     L	12.~1 »	240 0	RECIRCULATION IN ET	18	
306         RECIFICULATION INLET         BH         I           57         72         MAIN STEAM         NAL         STEAM         BH         I           57         72         MAIN STEAM         MAIN STEAM         BH         I           57         72         MAIN STEAM         BH         I           57         252         KAIN STEAM         BH         I           57         252         KAIN STEAM         BF         A           57         38         FEEDWATER         BF         A           57         38         FEEDWATER         BF         A           57         38         FEEDWATER         BF         A           57         218         FEEDWATER         BF         BF         A           57         218         FEEDWATER         BF         BF         BF           57         FEEDWATER         STEAM         BF         BF         BF           57	"5'-l"	278 0	RECIRCULATION IN ET	BK	1
320         RECIFICULATION INLET         BH         I           57         72         MAIN STEAM         BP         3           57         72         MAIN STEAM         BP         3           57         252         MAIN STEAM         BP         3           55         252         MAIN STEAM         BP         3           55         258         MAIN STEAM         BP         3           5         38         FEEDMATER         BP         3           5         158         FEEDMATER         BP         3           7         158         FEEDMATER         BP         3           7         158         FEEDMATER         BP         BP         3           7         218         FEEDMATER         BP         BP         3           7         218         FEEDMATER         BP         BP         BP           7         218         FEEDMATER         BP         BP         BP         BP           7         338         FEEDMATER         BP         BP         BP         BP         BP           8         518         CORE SPRN         BP         BP         BP </td <td>12'-1"</td> <td>308 0</td> <td>RECIRCULATION IN ET</td> <td>BM</td> <td>1.</td>	12'-1"	308 0	RECIRCULATION IN ET	BM	1.
57     72     Main StEAH     BP     3       57     72     Main StEAH     BP     3       57     282     Main StEAH     BP     3       57     288     Main StEAH     BP     3       57     288     Main StEAH     BP     3       57     288     FEEDWATER     BP     3       57     98     FEEDWATER     BP     3       57     288     FEEDWATER     BP     BP       57     218     FEEDWATER     BP       58     CORE SPRAY     BP       59     JET PUMP INSTRUMENTATION       57     JET PUMP INSTRUMENTATION       57     JET PUMP INSTRUMENTATION       57     JET PUMP INSTRUMENTATION       57     JET PUMP INSTRUMENTATION       58     LOW PRESSURE COOLING NU.       57     LOW PRESSURE COOLING NU.       57     JIS       6     LOW PRESSURE COOLING NU.	15'-1"	330 °	RECIRCULATION INLET	N8	1
5'     108 °     MAIN STEAM       5'     282 °     MAIN STEAM       5'     288 °     MAIN STEAM       5'     288 °     MAIN STEAM       5'     38 °     FEEDWATER       5'     158 °     FEEDWATER       5'     218 °     JET PUMP INSTRUMENTATION       5'     285 °     JET PUMP INSTRUMENTATION       5'     285 °     JET PUMP INSTRUMENTATION       5'     100 PRIVE     NJ.       5'     100 PRIVE     NJ.       5'     100 PRIVE     NJ.       5'     100 PRESSURE COOLING INJ.       5'     100 PRESSURE COOLING INJ.       5'     100 PRESSURE COOLING INJ.	54'-18.5"	12 0	MAIN STEAM	8P	2
57     252     PAIN STEAH       57     288     MAIN STEAH       57     38     FEEDWATER       57     38     FEEDWATER       57     38     FEEDWATER       57     38     FEEDWATER       57     218     FEEDWATER       57     285     JET PUMP INSTRUMENTATION       57     JET PUMP INSTRUMENTATION     N.L.       585     JET PUMP INSTRUMENTATION     N.L.       57     JIS     LOW PRESSURE COOLING INL.       57     LOW PRESSURE COOLING INL.     N.L.       57     JIS     LOW PRESSURE COOLING INL.       57     LOW PRESSURE COOLING INL.	54'-18.5"	188 6	MALN STEAM		
5°     288 °     MAIN STEAM       7°     38 °     FEEDWATER       7°     98 °     FEEDWATER       7°     158 °     FEEDWATER       7°     218 °     FEEDWATER       8°     388 °     CORE SPRAY       9°     JET PUMP INSTRIMENTATION       185 °     JET PUMP INSTRIMENTATION       195 °     LOW PRESSURE COOLING INJ.       7°     JIS °     LOW PRESSURE COOLING INJ.	54'-18.5"		MAIN STEAM		
38     FEEDWATER       78     FEEDWATER       78     FEEDWATER       78     FEEDWATER       79     FEEDWATER       71     218       733     FEEDWATER       733     Goff SPRAY       733     JET PUMP INSTRUMENTATION       733     JET PUMP INSTRUMENTATION       733     JET PUMP INSTRUMENTATION       745     JET PUMP INSTRUMENTATION       745     LOW PRESSURE COOLING NU.       745     LOW PRESSURE COOLING NU.       735     LOW PRESSURE COOLING NU.       735     LOW PRESSURE COOLING NU.	54"-18.5"	288 6	MAIN STEAM		C YEST I MARTIN
97     98     P     FEEDWATER       97     158     0     FEEDWATER       97     218     6     FEEDWATER       97     278     6     FEEDWATER       97     278     6     FEEDWATER       97     278     6     FEEDWATER       97     278     6     FEEDWATER       98     6     CORE SPRAY     5       99     0     JET PUMP INSTRUMENTATION     5       99     0     JET PUMP INSTRUMENTATION     5       99     0     JET PUMP INSTRUMENTATION     5       915     0     LOW PRESSURE COOLING INJ.       915     0     LOW PRESSURE COOLING INJ.	41'-6.5"		FEEDWATER		LITCUPPER
1     156     0     FEECOMATER       2     218     0     FEECOMATER       2     218     0     FEECOMATER       2     218     0     FEECOMATER       2     338     0     FEECOMATER       5     338     0     FEECOMATER       5     338     0     FEECOMATER       5     338     0     FEECOMATER       5     15     0     CORE SPRAY       5     368     0     JET PUMP INSTRUMENTATION       6     365     JET PUMP INSTRUMENTATION       7     285     0     JET PUMP INSTRUMENTATION       6     145     0     JET PUMP INSTRUMENTATION       7     135     0     LOW PRESSURE COOLING INJ.       7     315     0     LOW PRESSURE COOLING INJ.	41'-6.5"	o 86	FEEDWATER		NO.
218     FEECWATER       27.18     FEECWATER       5     58     CORE SPRAY       5     58     CORE SPRAY       5     338     FEECWATER       5     58     CORE SPRAY       5     388     JET PUMP INSTRUMENTATION       68     JET PUMP INSTRUMENTATION       185     JET PUMP INSTRUMENTATION       285     JET PUMP INSTRUMENTATION       5     H45       6     LOW PRESSURE COOLING INL.       7     JI5     LOW PRESSURE COOLING INL.       7     JI5     LOW PRESSURE COOLING INL.	41'-6.5°		FEEDWATER		W
0°     278 °     FEEDMATER       0°     568 °     CORE SPRAY       0°     680 °     CORE SPRAY       0°     185 °     JET PUMP INSTRUMENTATION       0°     LOW PRESSURE COOLING INJ.       0°     JET PUM PRESSURE COOLING INJ.	41'-6.5"		FEEDWATER		AB
0°     338     0     FEEDWATER       0°     68     0     CORE SPRAY       0°     58     0     CORE SPRAY       0°     165     0     JET PUMP INSTRUMENTATION       185     0     JET PUMP INSTRUMENTATION       285     0     JET PUMP INSTRUMENTATION       0°     185     0     LOW PRESSURE COOLING INJ.       0°     100     PRESSURE COOLING INJ.       0°     100     PRESSURE COOLING INJ.	41'-6,5"		FEEDWATER		AC
5° E8 ° CORE SPRAY 5° 300 ° CORE SPRAY 105 ° JET PUMP INSTRUMENTATION 285 ° JET PUMP INSTRUMENTATION 7° 145 ° CONTROL ROD DRIVE 115 ° LOW PRESSURE COOLING INJ. 7° 315 ° LOW PRESSURE COOLING INJ. 7° 315 ° LOW PRESSURE COOLING INJ.	41,-6,5"	330 0	FEEDWATER		GV
5° 200 ° CORE SPRAV 185 ° JEI PUMP INSTRUMENTATION 285 ° JEI PUMP INSTRUMENTATION 5° 145 ° CONTROL RUD DRIVE 45 ° LOW PRESSURE COOLING INJ. 5° 135 ° LOW PRESSURE COOLING INJ. 5° 315 ° LOW PRESSURE COOLING INJ.	40'-4.5"	o 89	CORE SPRAY		AE
185     0     JET PUMP INSTRUMENTATION       285     0     LOW PRESSURE COOLING INJ.       285     0     LOW PRESSURE COOLING INJ.       225     0     LOW PRESSURE COOLING INJ.       225     0     LOW PRESSURE COOLING INJ.	48"-4.5"		CORE SPRAY		AF
285 ° 5° 145 ° 5° 135 ° 5° 315 °	12'-8"		JET PUMP INSTRUMENTATION		(NESSEL FLANCE)
145 ° 45 ° 225 ° 315 °	12'-8"		JET PUMP INSTRUMENTATION		
45 ° 225 ° 315 °	37"-4.5"		CONTROL ROD DRIVE		
315 9	31'-0.5"		LOW PPESSIBLE COOLING INJ.		
315 °	31'-0.5"		I DW PRESSURE COOLING INJ.		
315	31'-0.5"	0	LOW PRESSURE COOLING INJ.		
- A MEDANATIVIA ON	31'-0.5"	0	LOW PRESSURE COOLING INJ.	N	~
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Rocid 10-11-29					ISI DRAWI	NG - REAC	TOR BUILDIN	G
AEX 10 5 89	ISSUED FOR 1ST ", INSP. INTERVAL.	er Argin RC	ALL PROPERS	RECO APPR	лее жо 8Ø31	XI-R	PV-2	PE'
PHILADE	LPHIA ELECTRIC COM	PANY LGS UN	ITS 1 & 2	NOT	FOR CONSTR	RUCTION	PAGE 2 DF	4



MERIDIAN WELD LOCATIONS

in.

0	DESCRIPTION	TOM HEAD	I OM HEAD	TOM HEAD	TOM HEAD	HEAD	HEAD	HEAD	HEAD	HEAD	HEAD				
IM HEAD	DESI	8011	801	801	BOT	801	8011	8011	8011	101	101	401	10P	100	10P
TOP AND BOTTOM	AZIMUTH	3480 38'	48° 38'	188° 30'	1680 38'	228° 38'	288° 38'	8°- 190 <sup>8</sup>	8°- 188°	15e	150	abEl	a961	255*	315 *
	MELD	DA	80	R	00	DE	*	06-13	DG-14	HIO	01	0K	N	N	90

INSTRUMENT NOZZLE LOCATIONS RPV SHELL AND BOTTOM HEAD

Sec.

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PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2

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DESCRIPTION	CORE DP/SLC	INSTRUMENTATION	INSTRUMENTATION	INSTRUMENTATION	INSTRUMENTATION	INSTRUMENTATION	INSTRUMENTATION	RPV DRAIN	INSTRUMENTATION	INSTRUMENTATION	INSTRUMENTATION	INSTRUMENTATION		
AZIMUTH	176° 11'	10 5'	286° 11'	80 70	200° 13'	44° 54'	280° 15'	225°	354° 58'	288° 13'	49° 59'	279° 59'		
NOZZLE	BIN	NIIA	NIIB	NIZA	N12B	NIZC	UZIN	SIN	NIGA	NIGB	NIGC	N160		

8031

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XI-RPV-2

PAGE 4 OF

	SPARE	VENT	LOCATION	DESCRIPTIC	SKIRT-TO-YESSEL BOT	「日本の日の日の日本」のため」となったのであるのであるで、「あ
and the second se	180°25'	100	CIRCUMFERENTIAL WELD LOCATION TOP AND BOTTOM HEAD		SKIRT-T0-	HAT THERE IS NOT AND A REAL PROPERTY OF LOCAL DATA
and the second se	EAD	EAD	CIRCUMFE	VESSEL ELEV.	6'-0.5"	Contraction of the local distance of the loc
and the second s	TOP HEAD	TOP HEAD		SITE ELEV.	272'-3.5"	the second
l			10.0			l

DESCRIPTION HEAD SPRAY

359859' 180°25

TOP HEAD ELEV.

N5A N5B N7

10/5/89 ISSUED FOR IST

ADZZLE

AZIMUTH

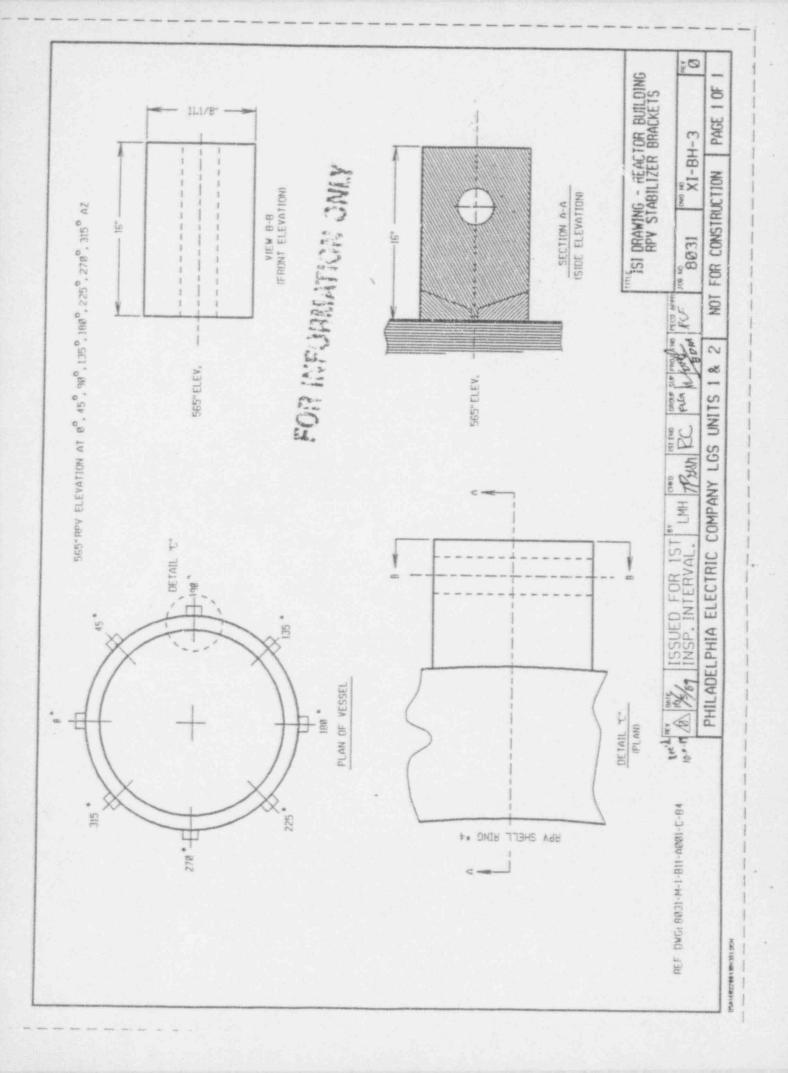
TOP HEAD

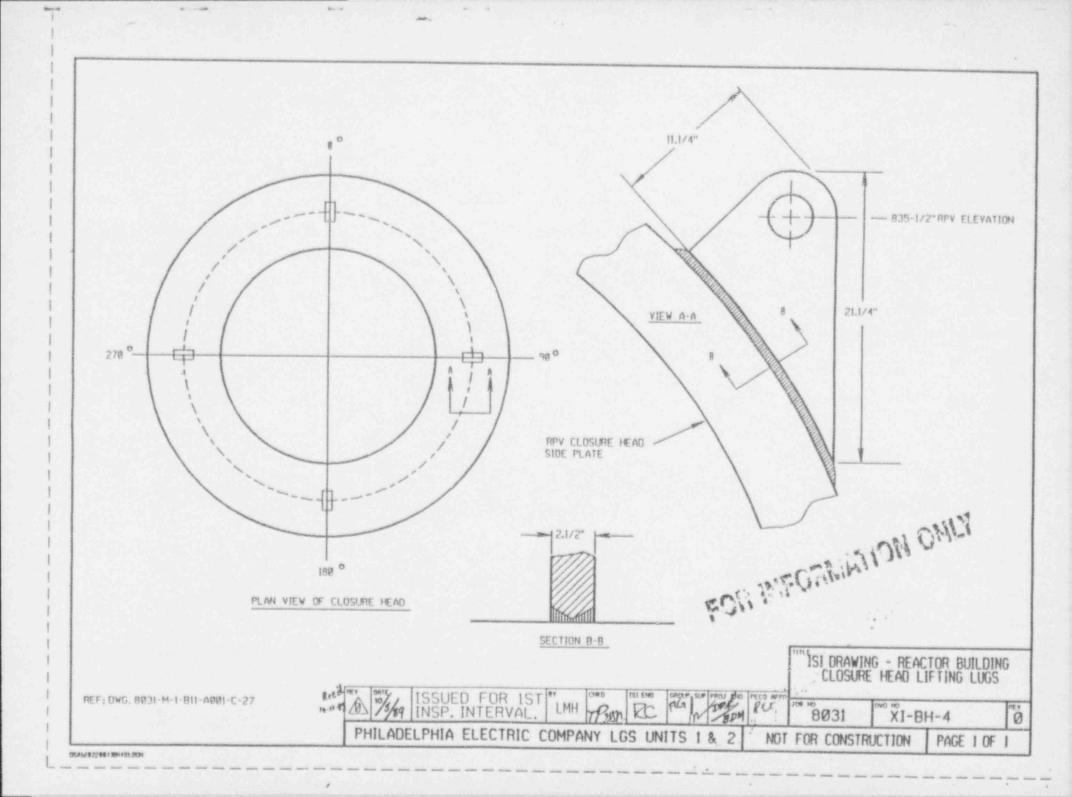
DE SCRIPTION	SKIRT-T0-YESSEL BOTTOM HEAD	BUTTOM HEAD DOLLAR PLATE	TOP HEAD SIDE PLATE TO FLANGE	TOP HEAD DOLLAR PLATE	
VESSEL ELEV.	6'-8.5"	3'-9"	64'-8,5"	78'-1"	B8"
SITE ELEV.	272'-3.5"	278'	338'-11,5"	335'-4"	266'-3"
.0N	FR/CG	AJ	A6 (HEAD FLANGE)	AH	BOTTOM HE CO INSIDE SUMFACE

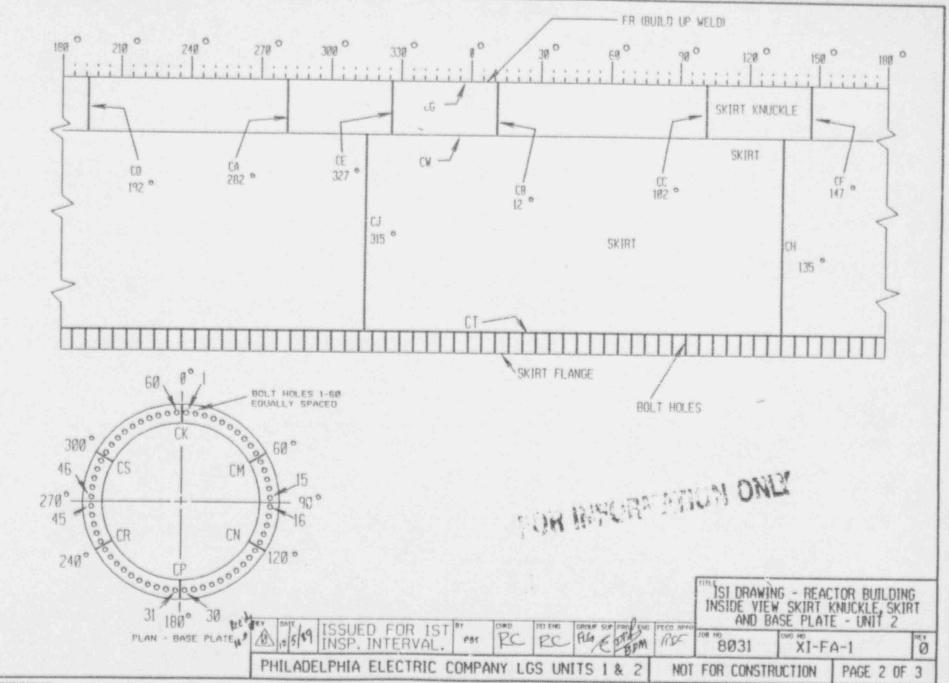
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NEWS PRICES IN STRUCTURE IN SHIPS

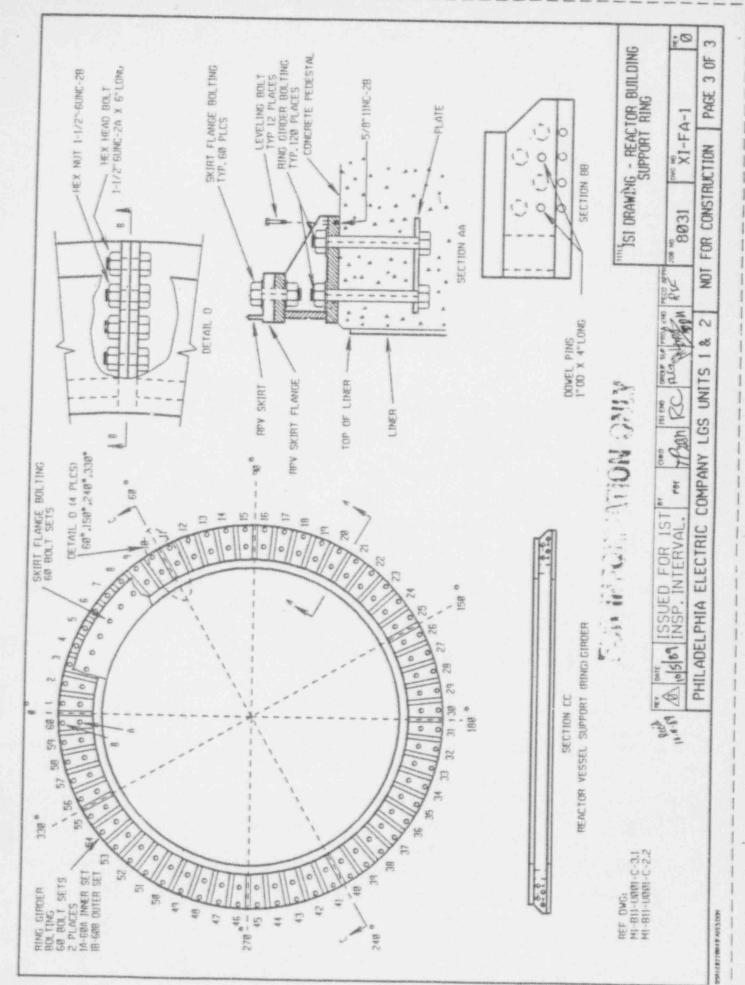


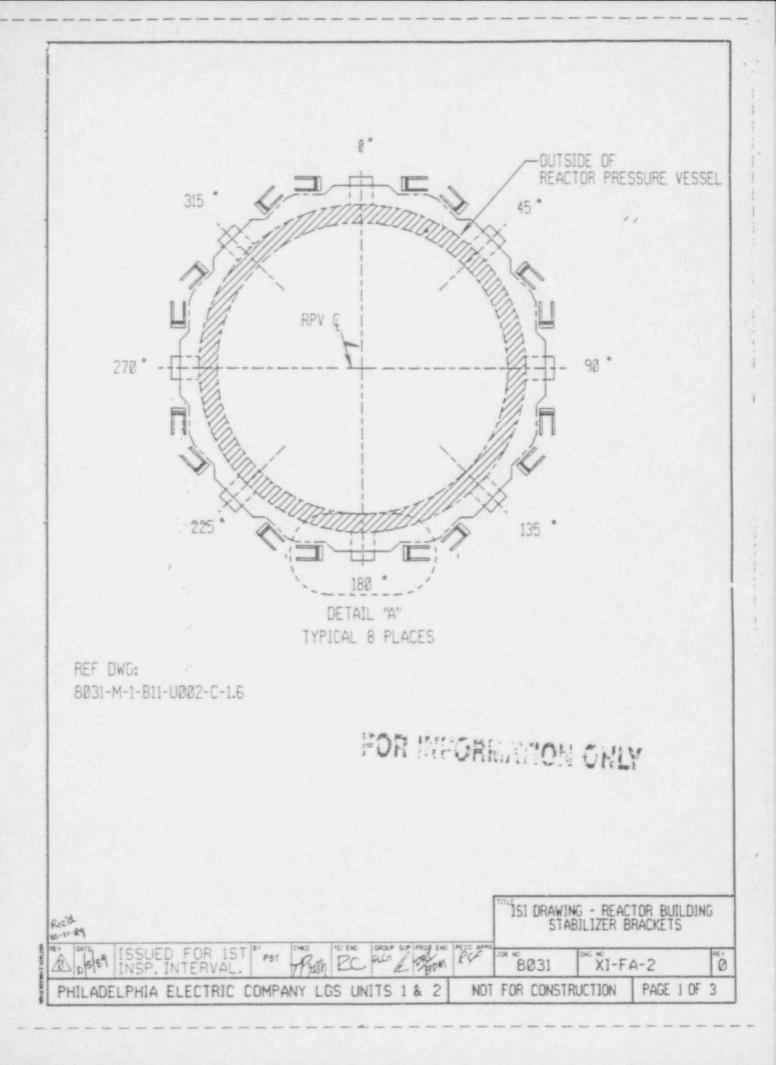


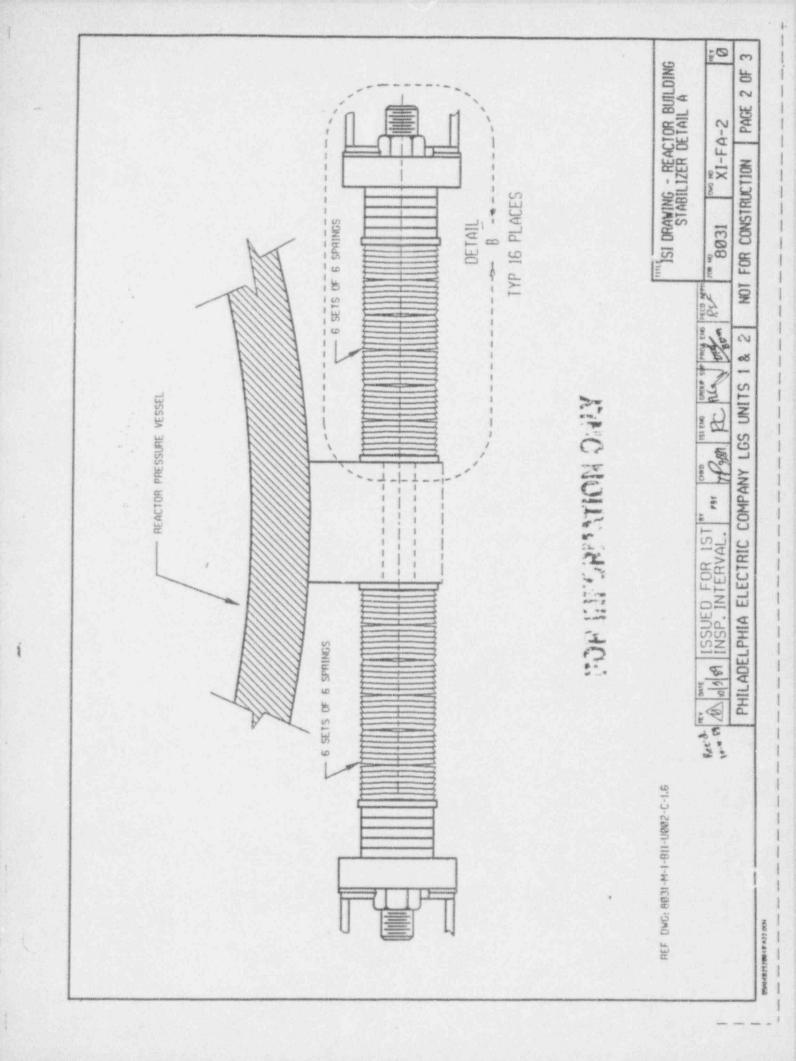


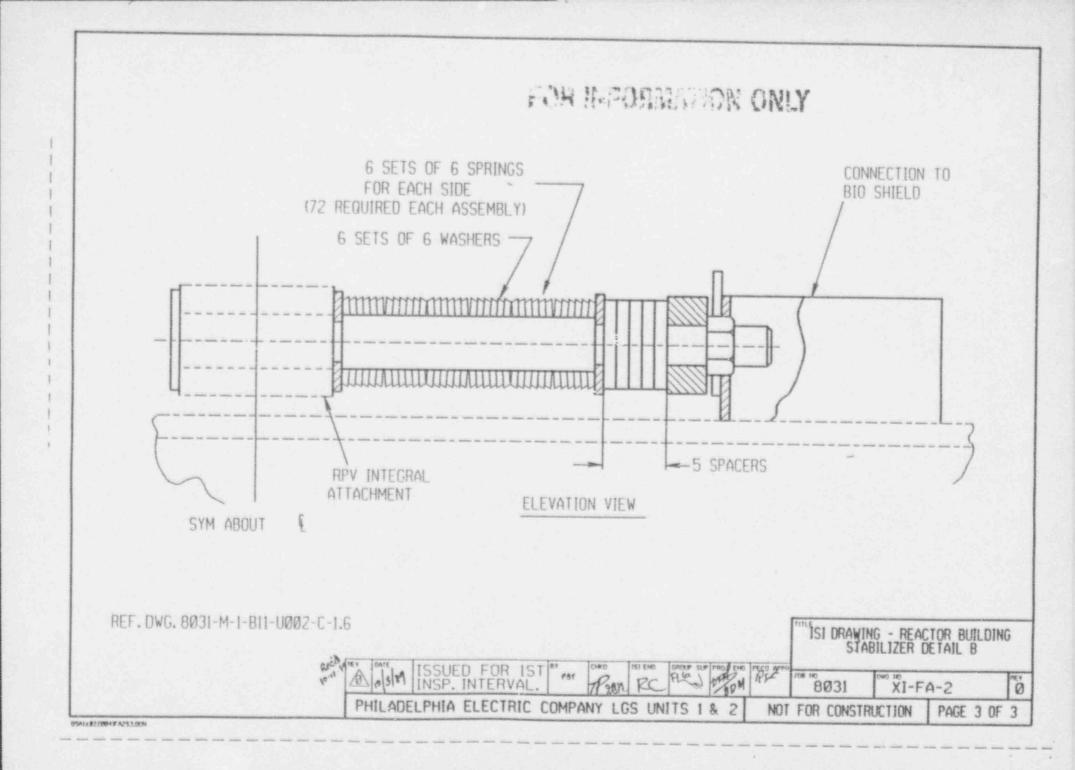
## 05A14872884 # A152.00M

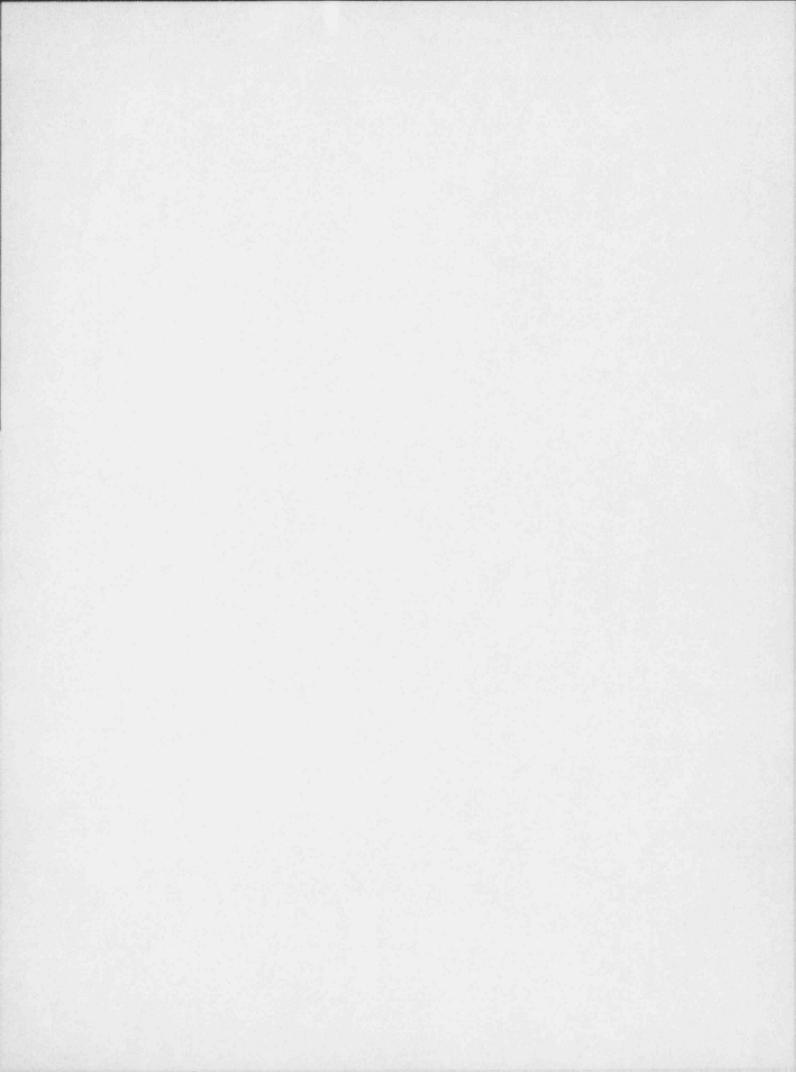
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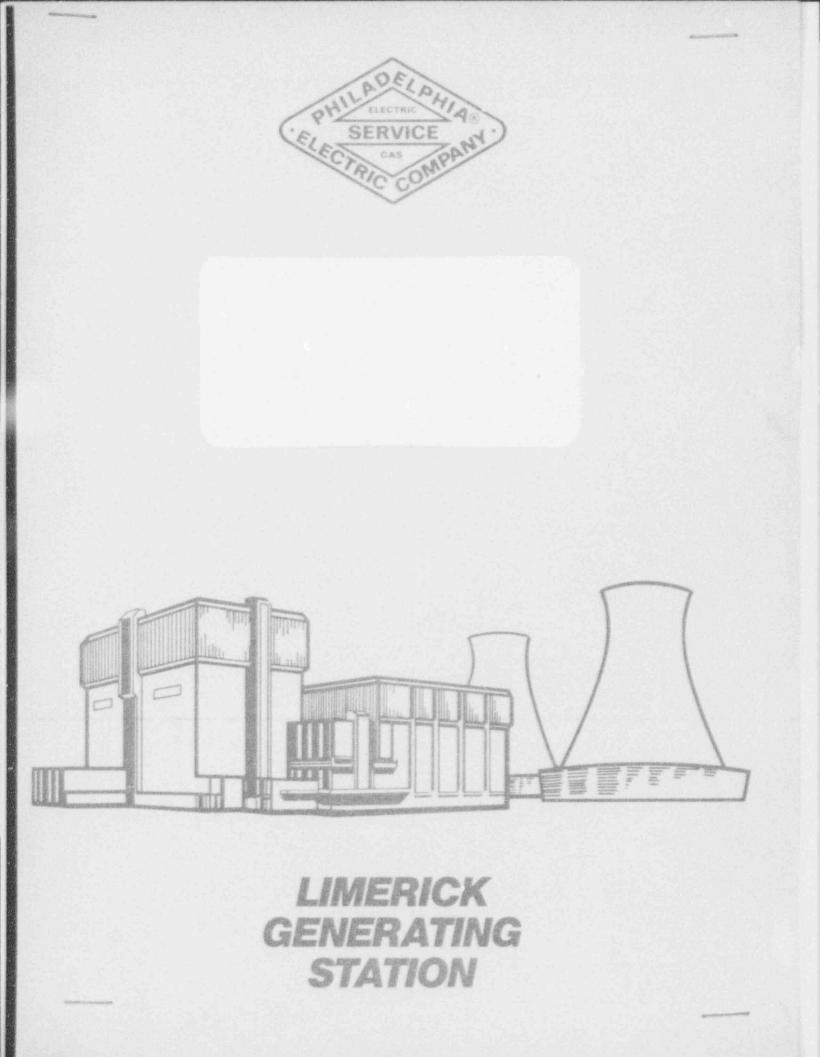












LIMERICK GENERATING STATION UNIT 2 SUMMARY REPORT FOR THE JUNE 6, 1991 TO MARCH 16, 1993 PERIODIC INSERVICE INSPECTION

REPORT Nº 2

BOOK 2 OF 2

LIMERICK GENERATING STATION UNIT 2 SUMMARY REPORT FOR THE JUNE 6, 1991 TO MARCH 16, 1993 PERIODIC INSERVICE INSPECTION

REPORT Nº 2

## ATTACHMENT 3

SUMMARY OF ASME SECTION XI

REPAIRS AND REPLACEMENTS

Summary Report #2 Attachment 3 Summary of ASME Repairs and Replacements Page 1 of 6

## SUMMARY OF ASME SECTION XI REPAIRS AND REPLACEMENTS

## NIS-2 Nº DESCRIPTION OF WORK

- System 001: Main Steam
- L2-92-009 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-001-250.
- L2-92-021 Replaced clamp studs and nuts on support EBB-203-H26.
- System 011: Emergency Service Water
- L2-91-177 Replaced 2" check valve 011-0063 and 2-way restraint.
- L2-91-178 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-011-221.
- L2-91-186 Replaced wedge guides in valve HV-011-223.
- L2-92-012 Replaced section of ESW pipng to RHR pump 2B-P202.
- L2-92-077 Replaced wedge guides in valve HV-011-047.
- L2-92-091 Replaced wedge guides in valve HV-011-077.
- L2-92-110 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-011-225.
- L2-92-122 Replaced section of ESW piping and 2-way restraint on line HBC-239.
- L2-93-009 Replaced wedge guides in valve HV-011-226.

## System 041: Nuclear Boiler

- L2-92-045 Installed replacement PSV-041-2F013A. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
- L2-092-046 Installed replacement PSV-041-2F013B. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.

Summary Report #2 Attachment 3 Summary of ASME Repairs and Replacements Page 2 of 6

NIS-2 Nº	DESCRIPTION OF WORK
System 041:	Nuclear Boiler (continued)
L2-92-047	Installed replacement PSV-041-2F013C. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-048	Installed replacement PSV-041-2F013D. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-049	Installed replacement PSV-041-2F013E. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-050	Installed replacement PSV-041-2F013F. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-051	Installed replacement PSV-041-2F013G. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-024	Installed replacement PSV-041-2F013H. Certified set pressure/seat tightness.
L2-92-052	Installed replacement PSV-041-2F013J. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-053	Installed replacement PSV-041-2F013K. Certified set pressure/seat tightness.
L2-92-054	Installed replacement PSV-041-2F013L. Certified set pressure/seat tightness.
L2-92-055	Installed replacement PSV-041-2F013M. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-92-023	Installed replacement PSV-041-2F013N. Certified set pressure/seat tightness.
L2-92-056	Installed replacement PSV-041-2F013S. Main body replaced per MOD No. 6101-2. Certified set pressure/seat tightness.
L2-93-027	Machined N7 nozzle flange.
L2-93-030	Replaced bearing covers on valve HV-041-2F032A.

## Summary Report #2 Attachment 3 Summary of ASME Repairs and Replacements Page 3 of 6

## NIS-2 Nº DESCRIPTION OF WORK

System 041: Nuclear Boiler (continued)

L2-93-031 Weld build-up and machined pressure seal bonnet seating area in valve HV-041-2F074B.

System 044: Reactor Water Clean-Up

L2-92-010 Replaced catalog items on support DCC-203-H11.

- L2-92-117 Replaced commercial steel leakoff plug with ASME material and seal weld on valve 044-2F005B.
- L2-93-023 Replaced internals and leakoff plug with seal weld on valve HV-044-2F039.

## System 047: Control Rod Drive

L2-92-109

Replaced control rod drives 20-S299 and applicable CRD flange bolting at the following core locations:

14-15 and 2 cap screws	30-35
14-23	30-39 and 2 cap screws
14-31	30-47
18-31	34-27 and 1 cap screw
22-15 and 2 cap screws	34-31
22-23	38-03
22-31 and 2 cap screws	38-23
22-47	38-31
26-27	38-47
26-31	42-03
26-39	46-19
30-19	46-23
30-23	46-31
30-27	50-31 and 1 cap screw
30-31	그는 영상에서 가격을 해야 한다.

MOD 5816-2

Installed new block and check valves and upgraded supports.

# Summary Report #2 Attachment 3 Summary of ASME Repairs and Replacements Page 4 of 6

NIS-2 Nº	DESCRIPTION OF WORK
System 049:	Reactor Core Isolation Cooling
L2-92-032	Replaced commercial steel leakoff plug with ASME material and seal weld on valve 049-2F001.
L2-92-105	Replaced disc, disc nut, and cage on valve 049-2F068.
System 051:	Residual Heat Removal
L2-92-063	Replaced leakoff plug on valve HV-051-231.
L2-92-011	Replaced flow orifices FO-051-221A, B.
L2-92-036	Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-051-2F052A.
L2-92-039	Replaced commercial steel leakoff plug with ASME material and seal weld on valve 051-2F031A.
L2-93-021	Replaced disc, disc nut, and cage on valve 051-2F090A.
L2-93-028	Replaced upper and lower leakoff plugs on valve HV-C-051-2F048A.
MOD 6147-2	Installed cross connection between RHR and Fire Protection Systems.
System 055:	High Pressure Collant Injection
L2-92-069	Replaced body to cover seal weld on valve 055-2048.
L2-92-073	Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-055-2F042.
L2-92-080	Replaced commercial steel leakoff plug with ASME material on valve HV- 055-2F011.
L2-92-087	Replaced body to cover seal weld on valve 055-2F078.

Summary Report #2 Attachment 3 Summary of ASME Repairs and Replacements Page 5 of 6

NIS-2 Nº	DESCRIPTION OF WORK
System 056:	HPCI Pump/Turbine
L2-92-026	Replaced valve internals due to ASME parts reclassification on valve PCV-056-2F035.
System 057:	Containment Atmospheric Control
L2-92-086	Replaced valve 057-2088 and adjacent pipe.
System 060:	Primary Containment Leak Testing
L2-93-041	Replaced pipe plugs in diaphragm slab.
System 061:	Liquid Radwaste Collection
L2-92-082	Replaced commercial steel leakoff plug with ASME material on valve HV- 061-231.
System 103:	Snubbers
L2-92-021 Sys 001	Replaced snubber STG-2MS-H001 Replaced snubber STG-2MS-H019 Replaced snubber STG-2MS-H020 Replaced snubber STG-2MS-H021A, B Replaced snubber STG-2MS-H022A, B
Sys 008 Sys 041	Replaced snubber HCD-205-H015A, B Replaced snubber DCA-237-E02-H001 Replaced snubber DCA-240-E02-H001A Replaced snubber DCA-244-E03-H002 Replaced snubber DLA-206-E01-H002 Replaced snubber DBB-212-H004
Sys 042 Sys 043	Replaced snubber DCA-292-E01-H006 Replaced snubber DCA-217-E02-H003 Replaced snubber DCA-231-E01-H009 Replaced snubber DCA-276-E01-H003

Summary Report #2 Attachment 3 Summary of ASME Repairs and Replacements Page 6 fo 6

## NIS-2 Nº DESCRIPTION OF WORK

System 103: Snubbers (continued)

Sys 044 Replaced snubber DCA-201-H073A Replaced snubber DCA-423-E01-H001 Replaced snubber DBB-212-H001A Sys 051 Replaced snubber DCA-205-E02-H002 Replaced snubber EBB-221-E02-H007 Replaced snubber GBB-205-H007 Replaced snubber SBD-251-E79-H001 Sys 052 Replaced snubber DCA-411-E01-H009 Replaced snubber GBB-213-H013A, B Sys 053 Replaced snubber GCC-201-H003A, B Replaced snubber HBC-209-E01-H004 Replaced snubber HCC-205-H009A, B

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

Owner Philadelphia Electric Company	Date March 16, 1993	
Name		
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2	
Address		
Plant Limerick Generating Station	Unit LG2	
Name		
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # 0	0086073
Address	Repair Organization P.	O. No., Job No., etc.
Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp	N/A
Name		
	Authorization No	N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date	N/A
Address		
Identification of System_001 Main Steam	Line No. EBB-204 HV-00	1-250
(a) Applicable Construction Code ASME III 1971	dition, S-73 Addenda, N/A	Code Ca
The state of the second st	and the second	

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 Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
%" NPT Pipe Plug	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced commercial steel leakoff plug with ASME material and seal weld.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 931 psi Test Temp. N/A "F

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

(12/82)

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

XI L2-92-009 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

			1941 - ST	
	CERTIFICAT	E OF COMPLIANC	E	
ASME Code, Section XI.	ts made in the report are con	and the second sec	or replacement	forms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization Ng	N/A	Expiration Date	N/A	
Signed D.L. Schui	. (H for Maintenance Eng	ineer Date March	16	19 93
and the second se	Title			
Owner or Owner's Desig	gnee, inte			
Owner or Owner's Desig	CERTIFICATE OF IN	SERVICE INSPECT	ION	
the undersigned,holding a valid or r Province ofPennsylvania	CERTIFICATE OF IN ommission issued by the Nati- and employed byH.S.B.I	onal Board of Boiler	and Pressure Vess	0
the undersigned holding a valid or ir Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF IN ommission issued by the Natio _and employed byH.S.B.I ut	onal Board of Boiler & L Company	and Pressure Vess	o the components describe
the undersigned, holding a valid or ir Province of <u>Pennsylvania</u> Hartford, Connectio this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE OF IN ommission issued by the Nati- and employed by H.S.B.I ut riod <u>12-19-92</u> lief.the Owner has performed	onal Board of Boiler & Company to examinations and tr	and Pressure Vess have inspected 5-3-93	o the components describe , and state the
the undersigned holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe o the best of my knowledge and be Owner's Report in accordance with t By signing this certificate neither ixaminations and corrective measure	CERTIFICATE OF IN ommission issued by the Natio and employed by <u>H.S.B.I</u> ut niod <u>12-19-92</u> lief,the Owner has performed the requirements of the ASME the Inspector nor his employ es described in this Owner's	enal Board of Boiler & Company to examinations and ta Code, Section XI, er makes any warran Report. Furthermore	and Pressure Vess have inspected 5-3-93 aken corrective me nty. expressed or in a neither the Inspe	the components describe and state that asures described in this mplied, concerning the ctor nor his employer
the undersigned holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe to the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither	CERTIFICATE OF IN ommission issued by the Natio and employed by <u>H.S.B.I</u> ut niod <u>12-19-92</u> lief,the Owner has performed the requirements of the ASME the Inspector nor his employ es described in this Owner's	enal Board of Boiler & Company to examinations and ta Code, Section XI, er makes any warran Report. Furthermore	and Pressure Vess have inspected 5-3-93 aken corrective me nty. expressed or in a neither the Inspe	the components describe and state that asures described in this mplied, concerning the ctor nor his employer
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the undersigned holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither xaminations and corrective measur- hall be liable in any manner for any	CERTIFICATE OF IN ommission issued by the Natio and employed by <u>HS81</u> ut riod <u>12-19-92</u> lief,the Owner has performed the requirements of the ASME the inspector nor his employ es described in this Owner's lo personal injury or property of Commissions F	enal Board of Boiler & L Company to examinations and ta Code, Section XI, er makes any warran Report. Furthermore lamage or a loss of	and Pressure Vess have inspected 5-3-93 aken corrective me nty, expressed or in any kind arising fro	the components describ , and state the asures described in this mplied, concerning the ctor nor his employer om or connected with this

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0088389
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol StampN/A
Name	Authorization No. N/A
	Providence and the second se
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Address	
Identification of System 001 Main Steam	Line No. EBB-203-1 EBB-203-H26

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition. March 10, 1971 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(3) Studs 1½* - 8x9½	Allied, Inc.	Heat No. 8097061	N/A	*114-92613	N/A	Replacement	No
(12) Nuts 11/2* - 8UNC	Allied, Inc.	Heat No. Q2293A	N/A	*114-92655	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replacement of studs and nuts on support clamp.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []

Other [X] Pressure N/A psi Test Temp. N/A "F

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

(12/82)

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

## FORM NIS-2 (BACK)

ASME Code. Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization No N/A Expiration Date N/A Signed Of Maintenance Engineer Date March 16 19 93 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S or Province of Pennsylvania and employed by H.S.B.I.& I. Company	est burner	vie Manufacturer's Data Reports to be attached
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of th ASME Code, Section XI. <u>replacement</u> Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>Owner or Owner's Designee. Title</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S r Province of <u>Pennsylvania</u> and employed by <u>HISBIL&amp;I Company</u> <u>Hartford, Connecticut</u> have inspected the components described to the best of my knowledge and belief. The Demonstrate of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the xaminations and corrective measures described in this ware inspector is Signature Commissions <u>PA 2497 I&amp;N</u> Netional Board. State, Province, and Endorsements		
We certify that the statements made in the report are correct and this		
We certify that the statements made in the report are correct and this		
We certify that the statements made in the report are correct and this		
ASME Code, Section XI. repair or replacement  Type Code Symbol Stamp		CERTIFICATE OF COMPLIANCE
Certificate of Authorization No. N/A Expiration Date N/A Signed More ror Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  The undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S reprovince of Pennsylvania and employed by HSBL&L Company Hartford, Connecticut Hartford, Connecticut the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this where's Report functioner 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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal Injury or property damage or a loss of any kind arising from or connected with th respection. NA National Board, State, Province, and Endorsements		
Bigned       Image: Segret Segre	Type Code Symbol StampN/A	
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sr Province of Pennsylvania and employed by HS.B.I.8.1.Company         Hartford, Connecticut         have inspected the components description         the Undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sr Province of Pennsylvania and employed by HS.B.I.8.1.Company         Hartford, Connecticut         have inspected the components description         this Owner's Report during the period 2-17-93         2-17-93         to 5-5-93         and state to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI.         By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the spector.         August colspan="2">August colspan="2">August colspan="2">August colspan="2">August colspan="2">August colspan= 2"August colspan="2"August colspan="2">August colspan= 2"August	Certificate of Authorization No. N/A	Expiration Date N/A
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stress of Province of Pennsylvania and employed by HS.B.I.8.1.Company         Hartford, Connecticut         have inspected the components description         this Owner's Report during the period	Signed D.L. Schmidt to	or Maintenance Engineer Date March 16 19 93
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S Province of Pennsylvania and employed by H.S.B.I.& I. Company Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2-17-93 to 5-5-93 and state to the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the spection. National Board, State, Province, and Endorsements		
the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the S r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> have inspected the components described this Owner's Report during the period <u>2-17-93</u> to <u>5-5-93</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the repetion. <u>Additional Board</u> , State, Province, and Endorsements		
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r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.1.8.1 Company</u> <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>2-17-93</u> to <u>5-5-93</u> and state to the best of my knowledge and belief,the Owner has performed examinations and taken corrective measures described in this where'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 hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the ispection. <u>Additional Board, State, Province, and Endorsements</u> Ormet State, Province, and Endorsements	CE	RTIFICATE OF INSERVICE INSPECTION
b this Owner's Report during the period       2-17-93       to       5-5-93       and state the period         b 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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the spectron.         b face       Commissions       PA 2497 I&N         Inspector's Signature       National Board, State, Province, and Endorsements	r Province of Pennsylvania and emp	issued by the National Board of Boiler and Pressure Vessel Inspectors and the St bloyed byH.S.B.I.& I. Company
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Awner'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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the respection. Inspector's Signature Commissions PA 2497 I&N National Board, State, Province, and Endorsements	the best of my knowledge and belief the Cha	
Asseminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the ispection.	THE POST OF THE PROPERTY PERTY PERTY FILE CAR	ner has performed examinations and taken corrective measures described in this
hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the spectron.	wher's Report in accordance with the requirer	mer has performed examinations and taken corrective measures described in this
Inspector's Signature Commissions PA 2497 I&N National Board, State, Province, and Endorsements	wher's Report in accordance with the requirer By signing this certificate neither the Inspec	mer has performed examinations and taken corrective measures described in this ments of the ASME Code, Section XI.
Inspector's Signature National Board, State, Province, and Endorsements	When's Report in accordance with the requirer By signing this certificate neither the Inspec xaminations and corrective measures describe	mer has performed examinations and taken corrective measures described in this ments of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the ed in this Owner's Report. Furthermore, neither the Inspector nor his employer
	When's Report in accordance with the requirer By signing this certificate neither the Inspec xaminations and corrective measures describe hall be liable in any manner for any personal i	mer has performed examinations and taken corrective measures described in this ments of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the ed in this Owner's Report. Furthermore, neither the Inspector nor his employer
Date 5 MAY 1993	wher's Report in accordance with the requirer By signing this certificate neither the Inspec xaminations and corrective measures describe hall be liable in any manner for any personal i repection.	mer has performed examinations and taken corrective measures described in this ments of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the ed in this Owner's Report. Furthermore, neither the Inspector nor his employer injury or property damage or a loss of any kind arising from or connected with th Commissions PA 2497 I&N
and the second se	Iwner's Report in accordance with the requirer By signing this certificate neither the Inspec xaminations and corrective measures describe hall be liable in any manner for any personal i reportion.	mer has performed examinations and taken corrective measures described in this ments of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the ed in this Owner's Report. Furthermore, neither the inspector nor his employer injury or property damage or a loss of any kind arising from or connected with thi Commissions PA 2497 I&N
	wher's Report in accordance with the requirer By signing this certificate neither the Inspec saminations and corrective measures describe hall be liable in any manner for any personal i respection.	mer has performed examinations and taken corrective measures described in this ments of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the ed in this Owner's Report. Furthermore, neither the inspector nor his employer injury or property damage or a loss of any kind arising from or connected with th Commissions PA 2497 18:N

## FORM NIS-2 OWNNER'S REPORT FOR REPAIRS OR REPLACEMENTS XI 12-91-177

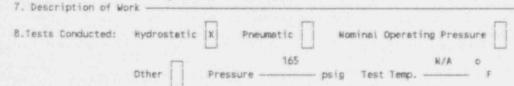
As Required	by	the	Provis	1 OPIS	of	the	ASME	Code	Sect	1 on	XI	
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		ia Electric Company	June 3, 1992	
1.	Owner	Name et Street, Philadelphia, Pa. 19101	Date1 _ 2	
2	Limerick (	Address enerating Station	LG2	
		Name 2300, Pottstown, PA 19464-0920	MRF #9103301	
	Work Performed by	Address Philadelphia Electric Company	Repair Orgainization	N/A
	NOTE PETTOTNED DY	Name	— Type Code Symbol Stamp ———	N/A
		2301 Market Street Philadelphia, PA 19101	Authorization No	K/A
		Address		
4.	Identification of	System	Line No: HBC-240	
		ASME III 74	1975	N-154
5.	(a) Applicable Cor	struction Lode 19 Editio	n, Addend	la, Code Case
	(b) Applicable Edi	tion of Section XI Utilized for Repairs o	86 Replacements 19	
6.	Identification of	Components Repaired or Replaced and Repla	acement 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)
600# S.W. 2" Check Valve	Rockwell International	XA023	N/A	011-0063	1978	Replaced	Yes
600# S.W. 2" Check Valve	Rockwell International	ZA849	N/A	*114-81237	1978	Replacement	Yes
2" NPS Restraint Two-Way	Bechtel	N/A	N/Á	*114-92636	N/A	Repair Replacement	No
		and DECA David David					

Traceability per PECo Part Code No.

Replaced 2" check valve.



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

Page 2 of 2

KI L2-91-177

#### FORM WIS -2 (Back)

1. Manufacturer's Data Report attached to MRF Package. 9. Remarks Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE repair/replacement We certify that the statements made in the report are correct and this ---- conforms to the rules repair or replacement of the ASME Lode, Section XI. N/A Type Code Symbol Stamp --N/A Certificate of Authorization No. ----- Expiration Date gel 7. Dislinger for Maintenance Engineer 92 Date CERTIFICATE OF INSERVICE INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Pennsylvania H.S.B.1.& 1. Company and the state or Province of ---\_\_\_\_\_ of - and employed by --Hartford, Connecticut ---- have inspected the components described 5/20/91 to 7/27/92 in this Owner's Report during the period ----- , 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 Dwner'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. PA 2497 18N - Commissions ----National Board, State, Province, and Endorsements JULY 10 92 Date -

#### FORM NIS-2 OWNNER'S REPORT FOR REPAIRS OR REPLACEMENTS

XI L2-91-178

As Required by the Provisions of the ASME Code Section XI

. Owner		hia Electric Comp	Di 19		May 14, Date	again an		
	2301 Merk	Name et Street, Philad	elphia, Pa. 19101		1	2		
		Addres Generating Statio			Sheet of LG2			
, Plan		Name 2300, Pottstown, H	PA 19464-0920		Unit	2908		
		Addres Philadelphia Eli			Repair Drg	ainizatio	on P.O.No., Job No., N/A	,etc.
. Work	Performed by	Name			Type Code Symbol		N/A	
-		2301 Market Stri Philadelphia, Pi			Authorization No Expiration Date		N/A	
Ident	tification of	Address D11: Emer	rgency Service Wat	er	Line No: HBC-258		HV-011-221	
			ASME 111 71		73	Add	N/A	– Code Car
		lition of Section ) f Components Repe						
6. Ider					placements 19	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or (No)
5. Ider M Co S <sup>41</sup> NPT	ntification o	f Components Repe Name of	ired or Replaced a Manufacturer	nd Replacem National Board	placements 19 ent Components Other	Year	Replaced	Code Stamped (Yes
5. Ider M Co S <sup>41</sup> NPT	Name of Pipe Plug	f Components Repe Name of Manufacturer	Manufacturer Serial No. Heat Code	nd Replacem National Board No.	plecements 19 ent Components Other Identification	Year Built	Replaced or Replacement Repaired,	Code Stamped (Yes or (No)
5. Ider M Co S <sup>41</sup> NPT	Name of Pipe Plug	f Components Repe Name of Manufacturer	Manufacturer Serial No. Heat Code	nd Replacem National Board No.	plecements 19 ent Components Other Identification	Year Built	Replaced or Replacement Repaired,	Code Stamped (Yes or (No)
5. Ider M Co S <sup>41</sup> NPT	Name of Pipe Plug	f Components Repe Name of Manufacturer	Manufacturer Serial No. Heat Code	nd Replacem National Board No.	plecements 19 ent Components Other Identification	Year Built	Replaced or Replacement Repaired,	Code Stamped (Yes or (No)
5. Ider M Co S <sup>41</sup> NPT	Name of Pipe Plug	f Components Repe Name of Manufacturer	Manufacturer Serial No. Heat Code	nd Replacem National Board No.	plecements 19 ent Components Other Identification	Year Built	Replaced or Replacement Repaired,	Code Stamped (Yes or (No)

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

Test Temp. -

- psi

128

Pressure -

Other

0

F

N/A O

Page 2 of 2

X1 L2-91-178

## FORM NIS -2 (Back)

	Applicable	Manufacturer's Data Reports to be attached	đ
We certify that the sta	CERTIF13		conforms to the rules
of the ASME Code, Section &	I. N/А	repair or replacement	
Type Code Symbol Stamp	N/A	N/A	
Signed Owner or Dwner		nce Engineer Date	, 19
and the state or Province o	a valid commission issued by Pennsylvania	E OF INSERVICE INSPECTION y the National Board of Boiler and Pressure H.S.B.I.& I. Company employed by	Vessel Inspectors
in this Owner's Report duri	and the second	have inspected the c $\frac{7}{30}/92$	components described
	and belief, the Owner has p	erformed examinations and taken corrective nts of the ASME Code Section XI.	
		or his employer makes any warranty, express	ed or implied, con-
erning the examinations an	i corrective measures describ	bed in this Owner's Report. Furthermore, ne	ither the Inspector
or his employer shall be l	able in any manner for any p	personal injury or property damage or a los	s of any kind arisin
rom or connected with this	inspection.		
Fan der	min for .	- Commissions - PA 2497 18M National Board, State, Provin	ice, and Endorsements
	ULY 10 92		

### FORM NIS-2 OWNNER'S REPORT FOR REPAIRS OR REPLACEMENTS

X1 L2-91-186

As Required by the Provisions of the ASME Code Section XI

		phia Electric Company	May 15, 1992	
1.	Owner	Name ket Street, Philadelphia, Pa. 19101	1 2	
		Address Generating Station	LG2	
٤,	PlantP.O. Box	Name 2300, Pottstown, PA 19464-0920	MRF #9106324	
		Address Philadelphia Electric Company		ion P.D.No.,Job No.,etc. N/A
3.	Work Performed t	Name	Type Code Symbol Stamp	N/A
		2301 Market Street Philadelphia, PA 19101	Authorization No	N/A
4.	Identification (	Address D11: Emergency Service Water of System	Line No.: HBC-258	HV-011-223
5.	(a) Applicable (	ASME 111 71 Construction Code	S-73 Ad	N/A denda, Code Case
			86	

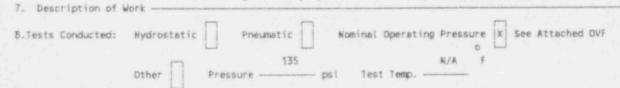
(b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19 ---

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)
8" Gate Valve	Velan	S/N 0158	N/A	Mfg. Dwg. No. P2-3486-N12 Rev.H	1979	Repaired	Yes
Wedge Guide	N/A	Heat Code 44357	N/A	*114-92431	N/A	Replacement	No

\* Traceability per PECo Part Code No.

Remove existing worn wedge guides to valve body. Install new wedge guides to valve body.



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

Page 2 of 2

XI L2-91-186

### FORM NIS -2 (Back)

1. Manufacturer's	Date	Report	attached	to MRF	Package.
-------------------	------	--------	----------	--------	----------

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	the report are correct and this conforms to the rules repair or replacement
f the ASME Code, Section XI.	
N/A Type Code Symbol Stamp	
N/A Certificate of Authorization No.	N/A Expiration Date
igned Dosept 7. Klinling	for Maintenance Engineer pate Quyant 12, 19
Owner or Owner's Designed Tirl	e
	CERTIFICATE OF INSERVICE INSPECTION
, the undersigned, holding a valid commiss	CERTIFICATE OF INSERVICE INSPECTION
Pennsylvania and the state or Province of	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of
Pennsylvania and the state or Province of Hartford, Connecticut	ion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company and employed by of have inspected the components described
Pennsylvania and the state or Province of Hartford, Connecticut	ion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company and employed by of have inspected the components described
nd the state or Province of Hartford, Connecticut n this Owner's Report during the period —	ion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company and employed by of have inspected the components described
nd the state or Province of Hartford, Connecticut n this Owner's Report during the period — o the best of my knowledge and belief, the	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that
Pennsylvania ind the state or Province of Hartford, Connecticut n this Owner's Report during the period — o the best of my knowledge and belief, the n this Owner's Report in accordance with t	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described
Pennsylvania and the state or Province of Hartford, Connecticut n this Owner's Report during the period — to the best of my knowledge and belief, the n this Owner's Report in accordance with t By signing this certificate neither the	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section XI.
Pennsylvania ind the state or Province of Hartford, Connecticut n this Owner's Report during the period — o the best of my knowledge and belief, the n this Owner's Report in accordance with t By signing this certificate neither the erning the examinations and corrective mea	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section XI. Inspector nor his employer makes any warranty, expressed or implied, con- usures described in this Owner's Report. Furthermore, neither the Inspector
Pennsylvania and the state or Province of Hartford, Connecticut In this Owner's Report during the period — to the best of my knowledge and belief, the In this Owner's Report in accordance with t By signing this certificate neither the terning the examinations and corrective mea	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section XI. Inspector nor his employer makes any warranty, expressed or implied, con- usures described in this Owner's Report. Furthermore, neither the Inspector
Pennsylvania and the state or Province of Hartford, Connecticut n this Owner's Report during the period — to the best of my knowledge and belief, the n this Owner's Report in accordance with th By signing this certificate neither the the examinations and corrective mea- nor his employer shall be liable in any man	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.I.& I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section XI. Inspector nor his employer makes any warranty, expressed or implied, con- usures described in this Owner's Report. Furthermore, neither the Inspector
Pennsylvania and the state or Province of Hartford, Connecticut in this Owner's Report during the period — to the best of my knowledge and belief, the in this Owner's Report in accordance with the By signing this certificate neither the terning the examinations and corrective mea- nor his employer shall be liable in any man	ion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.1.8 1. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section XI. Inspector nor his employer makes any warranty, expressed or implied, con- issures described in this Owner's Report. Furthermore, neither the Inspector mer for any personal injury or property damage or a loss of any kind arisin PA 2497 18N
Pennsylvania and the state or Province of Hartford, Connecticut In this Owner's Report during the period — to the best of my knowledge and belief, the In this Owner's Report in accordance with t By signing this certificate neither the cerning the examinations and corrective mea nor his employer shall be liable in any man	ion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.1.8 I. Company of have inspected the components described 10-21-91 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section X1. Inspector nor his employer makes any warranty, expressed or implied, con- issures described in this Owner's Report. Furthermore, neither the Inspector mer for any personal injury or property damage or a loss of any kind arisin
Pennsylvania and the state or Province of Hartford, Connecticut in this Owner's Report during the period — to the best of my knowledge and belief, the in this Owner's Report in accordance with the By signing this certificate neither the terning the examinations and corrective mea- nor his employer shall be liable in any man from or connected with this inspection.	tion issued by the National Board of Boiler and Pressure Vessel Inspectors H.S.B.1.& 1. Company of have inspected the components described 10-21-97 to $B-12-92$ , and state that Owner has performed examinations and taken corrective measures described the requirements of the ASME Code Section X1. Inspector nor his employer makes any warranty, expressed or implied, con- issures described in this Owner's Report. Furthermore, neither the Inspector mer for any personal injury or property damage or a loss of any kind arisin PA 2497 1&N National Board, State, Province, and Endorsements

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

Owner Philadeiphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0087897
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by	Type Code Symbol Stamp N/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 011 ESW	Line No. SP-HBC-248-E10 SP-HBC-239-E2
(a) Applicable Construction Code ASME III 1974 Edition.	W-74 Addenda N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
11% SCH 80 CS Pipe	Radnor	Heat No. 294072	N/A	*114-90044	N/A	Replacement	No
(2) 1 ½* 3000# Coupling	Bechtel	Heat No. CB07	N/A	*114-90781	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced section of ESW piping to 2B-P202 RHR pump.

8. Tests conducted: Hydrostatic [X] Pneumatic [] Nominal Operating Pressure []

Other []

Pressure 179 psi Test Temp. 82 "F

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

(12/82)

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

## FORM NIS-2 (BACK)

	Applicable Manufacture	r's Data Reports to be atta	aunuu
e and a second secon			
	CERTIFI	CATE OF COMPLIANCE	
where the second state of the second states			and a sector sector to the other of the
We certify that the statemer ASME Code, Section XI.	nts made in the report are	and the second se	acement conforms to the rules of the r replacement
Type Code Symbol Stamp	N/A		
Certificate of Authonization No	N/A	Expiration Date	N/A
Signed D.L. Schuig	(4	Engineer Date March	16 19 93
Owner of Owner's Des	the second se		
Owner of Owner's Des	CERTIFICATE OF	F INSERVICE INSPECTION	
Owner of Owner's Desi . the undersigned,holding a valid c or Province of Pennsylvania	CERTIFICATE OF Ommission issued by the and employed by H 5	F INSERVICE INSPECTION	nd Pressure Vessel Inspectors and the Sta
Owner of Owner's Desi the undersigned,holding a valid c or Province of <u>Pennsylvania</u> Hartford, Connecti	CERTIFICATE OF Ommission issued by the and employed by HS	F INSERVICE INSPECTION National Board of Boiler a S.B.1.& 1. Company	
Owner of Owner's Des the undersigned,holding a valid c province of <u>Pennsylvania</u> Hartford, Connecti n this Owner's Report during the p o the best of my knowledge and b	CERTIFICATE OF OMMISSION ISSUED by the and employed by HS out eriod 7-6- elief, the Owner has perform	F INSERVICE INSPECTION National Board of Boiler & S.B.1.& 1. Company 22 to med examinations and tak	nd Pressure Vessel Inspectors and the Sta 
Owner of Owner's Desi . the undersigned holding a valid c or Province of <u>Pennsylvania</u> <u>Hartford, Connecti-</u> In this Owner's Report during the p to the best of my knowledge and b- Owner's Report in accordance with By signing this certificate neithe examinations and corrective measu	CERTIFICATE OF CERTIFICATE OF and employed by HS out eniod	F INSERVICE INSPECTION National Board of Boiler a 5.B.1.8.1. Company 22 to med examinations and tal SME Code, Section XI. ployer makes any warrant er's Report. Furthermore, my damage or a loss of a	Ind Pressure Vessel Inspectors and the Sta c have inspected the components describe 5-11-93 and state the
Owner of Owner's Designed, holding a valid of or Province of <u>Pennsylvania</u> <u>Harfford, Connection</u> n this Owner's Report during the p to the best of my knowlodge and bo Owner's Report in accordance with By signing this certificate noither examinations and corrective measures shall be liable in any manner for an inspection	CERTIFICATE OF CERTIFICATE OF and employed by HS out eniod	F INSERVICE INSPECTION National Board of Boiler a 5.B.1.& 1. Company 22 to med examinations and tal SME Code. Section XI. ployer makes any warrant or a Report. Furthermore, my damage or a loss of a PA 2497 I&N	and Pressure Vessel Inspectors and the Sta have inspected the components describ 5-11-93 and state the ren corrective measures described in this by, expressed or implied, concerning the neither the Inspector nor his employer
Owner of Owner's Designed, holding a valid of or Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> n this Owner's Report during the p of the best of my knowledge and bo Dwner's Report in accordance with By signing this certificate noithe examinations and corrective measu shall be liable in any manner for an inspection <u>Inspector's Signature</u>	CERTIFICATE OF CERTIFICATE OF and employed by HS and employed b	F INSERVICE INSPECTION National Board of Boiler a 5.B.1.& 1. Company 22 to med examinations and tal SME Code. Section XI. ployer makes any warrant or a Report. Furthermore, my damage or a loss of a PA 2497 I&N	and Pressure Vessel Inspectors and the Standard Pressure Vessel Inspectors and the Standard Pressure described in the $5-11-93$ and state the encorrective measures described in this by, expressed or implied, concerning the neither the Inspector nor his employer ny kind arising from or connected with this
Owner of Owner's Designed, holding a valid control of Province of Pennsylvania Harfford, Connection In this Owner's Report during the poor the best of my knowlodge and bowner's Report during the powner's Report in accordance with By signing this certificate noither examinations and corrective measures and the liable in any manner for an respection	CERTIFICATE OF CERTIFICATE OF and employed by HS and employed b	F INSERVICE INSPECTION National Board of Boiler a 5.B.1.& 1. Company 22 to med examinations and tal SME Code. Section XI. ployer makes any warrant or a Report. Furthermore, my damage or a loss of a PA 2497 I&N	and Pressure Vessel Inspectors and the Standard Pressure Vessel Inspectors and the Standard Pressure described in the $5-11-93$ and state the encorrective measures described in this by, expressed or implied, concerning the neither the Inspector nor his employer ny kind arising from or connected with this

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

	ladelphia Electric Nan	the state of the second st		Date	Marci	h 16, 1993	
230	1 Market Street, P	hiladelphia, PA 1	9101	Sheet	1	of 2	
	Ad	dress					
Plant Lim	erick Generating	Station		Unit	LG2		
	Na	me					
P.O	Box 2300, Sanat	opa PA 19464-2	300		PEC	- WO # C013173	12
	the state of the second st	dress		Rep		nization P.O. No.,	
Work Perform	ned by Philadel	phia Electric Com	pany	Type Co	de Symb	ol Stamp N/	A
	Nan	ne					
				Authoriz	ation No	N	(A
230	1 Market Street, P	and the second	9101	Expiratio	m Date	N/.	A
		Address					
Identification	of System 011 E	SW		Line No.	HBC-252	2 HV-011-047	
			The second				
(а) мррисарі	e Construction Co	DE ADME III II	9/1_Eanton,	S-73 Addenda	N/A	U	ode Case
(b) Annihophi							
(b) mppicabl	e Edition of Sectio	n XI Utilized for R	epairs or Repla	acements 19 <u>86</u>			
	e Edition of Sectio of Components R				nts I	Repaired.	ASME Code
Identification	of Components R	epaired or Replac	ed and Replac	ement Componer	Year	Replaced, or	Stamped
	of Components R	epaired or Replac	ed and Replac	ement Componer			Stamped (Yes or
Identification Name of Component	of Components R Name of Manufacturer	Manufacturer Serial No.	ed and Replac National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes of No)
Identification	of Components R	epaired or Replac	ed and Replac	ement Componer	Year	Replaced, or	Stamped (Yes or
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	ed and Replac National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes of No)
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	ed and Replac National Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes of No)
Identification Name of Component Nedge	of Components R Name of Manufacturer	Manufacturer Serial No.	ed and Replac National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes of No)
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	ed and Replac National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes of No)
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	ed and Replac National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes of No)

7. Description of Work Replaced valve wedge guides \*Traceability per PECo Part Code No.

8 Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Pressure 106 psi Test Temp. N/A F Other []

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

(12/82)

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

XI L2-92-077 Sheet 2 of 2

## FORM NIS-2 (BACK)

		кррисаріе мали	facturer's Data Reports	to be atta	ched		
	dere for operation						
		CE	RTIFICATE OF COM	PLIANCE			
We certif ASME Code, Set		ts made in the repo	ort are correct and this	A successive restored to the second balance	cementcor replacement	forms to the	rules of the
Type Code Sym	ool Stamp	N/A					
Certificate of Aut	horization No.	N/A	Expiration	Date	N/A	1	
And the second s	a summer total		nance Engineer Date				
the undersigned		CERTIFICA mmission issued b and employed by	TE OF INSERVICE IN by the National Board of H.S.B.1.& I. Compared	SPECTIO			0
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Own the undersigned or Province of 1 h this Owner's Re o the best of my	I,holding a valid co <sup>s</sup> ennsylvania tartford, Connecticu sport during the per knowledge and bel	CERTIFICA mmission issued b _and employed by it nod ief,the Owner has	TE OF INSERVICE IN by the National Board of H.S.B.1.& I. Compa	ISPECTIO of Boiler an ny to to	have inspected	I the compon	onts describ and state th
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Owner the undersigned or Province of 1 the this Owner's Re- to the best of my Dwner's Report in By signing this examinations and thall be liable in a nepection.	I, holding a valid co Pennsylvania Hartford, Connecticu eport during the per knowledge and bel accordance with the a certificate neither corrective measure	CERTIFICA mmission issued b _and employed by it nod ief,the Owner has he requirements of the Inspector nor H is described in this personal injury or	TE OF INSERVICE IN by the National Board of H.S.B.1.& I. Comparison 1-25-93 performed examination the ASME Code, Sect his employer makes an o Owner's Report. Furthor property damage or a ssions. PA 2497 16N	ISPECTIO of Boiler an ny to is and take tion XI. ny warranty thermore, r loss of an	A Pressure Ves have inspected 5-5-93 in corrective me expressed or neither the inspe	I the compon pasures desci implied, conc actor nor his om or conne	onts describ and state the ibed in this employer cled with the
Owner the undersigned of Province of the of the best of my owner's Report in By signing this examinations and shall be fiable in a nepection. Inspector's	i, holding a valid co Pennsylvania Hartford, Connecticu eport during the per knowledge and bel accordance with the s certificate neither corrective measure any manner for any	CERTIFICA mmission issued b _and employed by it nod ief,the Owner has he requirements of the Inspector nor H is described in this personal injury or	TE OF INSERVICE IN by the National Board of H.S.B.1.& I. Comparison 1-25-93 performed examination the ASME Code, Sect his employer makes an o Owner's Report. Furthor property damage or a ssions. PA 2497 16N	ISPECTIO of Boiler an ny to is and take tion XI. ny warranty thermore, r loss of an	A Pressure Ves have inspected 5-5-93 in corrective me expressed or neither the inspi y kind ansing th	I the compon pasures desci implied, conc actor nor his om or conne	onts describ and state tha ibed in this employer cled with this

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

		Company		Date _	Marc	h 16, 1993	
	Na	me					
230	11 Market Street, P Ad	'hiladeiphia, PA 1 dress	9101	Sheet	1	of 2	
Plarit Lim	erick Generating 1	Station		Unit	LG2		
	Na						
P.C	Box 2300, Sanat	oga PA 19464-2	300		PEC	- WO # C01316	85
	of a supported particular produced from the support of the particular sector of the support of t	dress		Re		nization P.O. No.,	
Work Perfort	ned by Philadel	ohia Electric Com	DROV	Type Co	sele Symb	ol Stamp N	(A
	Nan	provide the second s	Constant and the second				
				Authoriz	ation No.	N	1/A
230	1 Market Street, P	hiladelphia, PA 1	9101	Expiratio	n Date	N/	A
	Ad	dress					
Identification	of System_011 E	SW		Line No.	HBC-252	-2 HV-011-077	
to a landa	Construction Co	-	674 (C.49)	0.700 Audama			ode Case
(a) Approapri	e Construction Co	DE ADIVIE III I	9/1 Caldon,	S-10 MODEROR	L 19/25		000 0000
(b) Applicable	e Edition of Sectio	n XI Utilized for R	lepairs or Repli	acements 19 <u>86</u>			
					TIE		
	e Edition of Sectio of Components R Name of Manufacturer				rts Year Buitt	Repaired, Replaced, or Replacement	
Identification Name of Component Wedge	of Components R	epaired or Replac	National	cement Componer	Year	Replaced, or	ASME Code Stamped (Yes or
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Replaced, or Replacement	ASME Code Stamped (Yes or No)
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Replaced, or Replacement	ASME Code Stamped (Yes or No)
Identification Name of Component Wedge	of Components R Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Replaced, or Replacement	ASME Code Stamped (Yes or No)
Identification	of Components R Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Replaced, or Replacement	ASME Code Stamped (Yes or No)

7. Description of Work Replaced valve wedge guides. \*Traceability per PECo Part Code No.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other []

Pressure 106 psi Test Temp. N/A "F

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

(12/82)

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XI L2-92-091 Sheet 2 of 2

### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE hade in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
nade in the report are correct and this <u>replacement</u> conforms to the rules of the
N/A
N/A Expiration Date N/A
4 for Maintenance Engineer Date March 16 19 93
e, Title
ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta id employed by HSBI&I Company c
have inspected the components describe
have inspected the components describ
have inspected the components described <u>1-22-93</u> to <u>5-3-93</u> , and state the the Owner has performed examinations and taken corrective measures described in this
have inspected the components described in this equirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning the lescribed in this owner's Report. Furthermore, neither the Inspector nor his employer

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

Owner	Philadelphia Electric Company	Date March 16, 199	33
	Name		
	2301 Market Street, Philadelphia, PA 19101 Address	Sheet 1 of 2	<u>.</u>
	A CONDO		
Plant	Limerick Generating Station Name	Unit LG2	
	P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO #	C0133931
	Address	Repair Organization I	P.O. No., Job No., etc
Work Perl	formed byPhiladelphia Electric Company	Type Code Symbol Stamp	N/A
	Name	Authorization No	N/A
	2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
dentificat	ion of System_011 ESW	Line No. HBC-259 HV-0	11-225
i. (a) Applic	able Construction Code ASME III 1971 Edition.	S-73 Addenda, N/A	Code Case
(b) Applic	able Edition of Section XI Utilized for Repairs or Repl	acements 1986	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No
		Contract contract of the Contract of the Contract of					

\*Traceability per PECo Part Code No.

7. Description of Work: Replaced commercial steel leakoff plug with ASME material and seal weld.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 106 psi Test Temp. N/A °F

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

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

XI L2-92-110 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No N/A 19 93 110 for Maintenance Engineer Date March Signed 4 John C -Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I.& I. Company of have inspected the components described Hartford, Connecticut 1-16-93 6-4-93 , and state that in this Owner's Report during the period to 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. Saudemain Commissions PA 2497 I,N&A National Board, State, Province, and Endorsements Inspector's Signature 4 JUNE 19 93 Date

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

Owner Philedelphia Electric Company Name	Date March 16, 1993	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of	
Plant Limerick Generating Station	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # C Repair Organization P.C	Contraction of the second s
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp	N/A
PROLINE	Authorization No	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
Identification of System 011 ESW	Line No. HBC-239	
(a) Applicable Construction Code ASME III 1974 Edition.	W-74 Addenda, N/A	Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repla	acements 19 <u>86</u>	
Identification of Components Repaired or Replaced and Replac	ement Components	

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Ye: or No)
11/2" SCH 80 Pipe	Tioga Pipe	Heat No. 76707	N/A	*114-90044	N/A	Replacement	No
1 %" NPS Restraint	Bechtel, Inc.	TRW 20958	N/A	*114-92635	N/A	Replacement	No

\*Traceability per PECo Part Code No.

7. Description of Work: Replaced section of pipe and 2-way restraint.

B. Tests conducted: Hydrostatic [X] Pneumatic [] Nominal Operating Pressure []

Other [] Pressure 174 psi Test Temp. 74 PF

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

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

XI L2-92-122 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICA	TE OF COMPLIANC	Æ	
We certify that the statemen ASME Code, Section XI.	ts made in the report are co	and an and a second sec	placement conforms or replacement	to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization, No	N/A	Expiration Date	N/A	
signed D.L.S.Luid	for Maintenance Er	ngineer Date March	16	19 93
Owner or Owner's Desig	nee, Title			
		ant (A) is special with a second state, and the other second state of the second state of the second state of t	and where the second	
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> Hartford, Connection	mmission issued by the Na _and employed byH.S.E			
this Owner's Report during the pe	a diagon and a pay and and a present a present from any side of a diagon of the state of the state of the state	23 to ,	and and a second s	, and state the
o the best of my knowledge and be owner's Report in accordance with t	lief,the Owner has performe	d examinations and t	aken corrective measure	described in this
By signing this certificate neither xaminations and corrective measure	as described in this Owner's	a Report. Furth armon	e, neither the inspector n	or his employer
hall be liable in any manner for any ispection.	personal injury or property	damage or a loss of	any kind arising from or	connected with the
here and a second se				
(Van Anai	Commissions_			
Inspector's Signature	Commissions_		e, Province, and Endorse	ements
inspector's Signature	Commissions		e, Province, and Endors	ments

XI 12-93-009

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0139632
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System_011 ESW	Line No. HBC-259-1 HV-011-226
(a) Applicable Construction Code ASME III 1971 Editi	on. <u>S-73</u> Addenda. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or R	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Cither Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Wedge Guides	Dubose Nat	Heat No. 35361	N/A	*110-96567	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work. Replaced valve wedge guides.

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100	and the	CONGRESS.	reyorosiono []	r neomanic []	anominal sperand Liesenie h	A3.

Other [] Pressure 106 pai Test Temp N/A °F

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

(12/82)

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

XI L2-93-009 Sheet 2 of 2

## FORM NIS-2 (BACK)

9 Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMP	PLIANCE		
We certify that the statement ASME Code, Section XI.	ts made in the report are correct and this	replacement repair or replacement	_ conforms to the nt	e rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No	N/A Expiration	Date N/A		
signed D.L.Schuis	4 for Maintenance Engineer Date	March 16	. 19	93
Owner or Owner's Desig	inee, Title			
	CERTIFICATE OF INSERVICE IN	SPECTION		
	mmission issued by the National Board o	f Boiler and Pressure	Vessel Inspecto	rs and the Sta
	mmission issued by the National Board o and employed by H.S.B.I.& I. Compar	f Boiler and Pressure ny	• Vessel inspecto ected the compo	
r Province of <u>Pennsylvania</u> Hartford, Connection this Owner's Report during the per	mmission issued by the National Board o and employed by <u>H.S.B.I.&amp; I. Compar</u> It riod <u>2-15-93</u>	f Boiler and Pressure hyhave insp 5-3-5	ected the compo 73	nents describ , and state the
r Province of <u>Pennsylvania</u> Hartford, Connection In this Owner's Report during the per- to the best of my knowledge and bel wher's Report in accordance with the By signing this certificate neither xaminations and corrective measure	mmission issued by the National Board o _and employed by <u>H.S.B.I.&amp; I. Compar</u> .t	f Boiler and Pressure have inspire to <u>5-3-5</u> s and taken corrective on XI. y warranty, expressed hermore, neither the	ected the compo 23 re measures desc d or implied, con Inspector nor his	thents describ , and state the cribed in this cerning the employer
r Province of <u>Pennsylvania</u> Hartford, Connection this Owner's Report during the per- to the best of my knowledge and bel- wher's Report in accordance with the By signing this certificate neither xaminations and corrective measure hall be liable in any menner for any	mmission issued by the National Board o and employed by <u>H.S.B.I.&amp; I. Compar</u> it nod <u>2-15-93</u> itef, the Owner has performed examination he requirements of the ASME Code, Sect the Inspector nor his employer makes an es described in this Owner's Report. Furt	f Boiler and Pressure have inspire to <u>5-3-5</u> s and taken corrective on XI. y warranty, expressed hermore, neither the	ected the compo 23 re measures desc d or implied, con Inspector nor his	thents describ , and state the cribed in this cerning the employer
r Province of <u>Pennsylvania</u> Hartford, Connection this Owner's Report during the per- to the best of my knowledge and bel wher's Report in accordance with the By signing this certificate neither xaminations and corrective measure hall be liable in any menner for any	mmission issued by the National Board of and employed by <u>H.S.B.I.&amp; I. Compar</u> ind <u>2-15-93</u> iief,the Owner has performed examination he requirements of the ASME Code, Sect the Inspector nor his employer makes an es described in this Owner's Report. Furt personal injury or property damage or a <u>Commissions</u> PA 2497 16 N	f Boiler and Pressure have inspire to <u>5-3-5</u> s and taken corrective on XI. y warranty, expressed hermore, neither the	ected the compor 23 ie measures desc d or implied, con Inspector nor his ing from or conne	thents describ , and state the cribed in this cerning the employer ected with the

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131523
Address	Repair Organization P.O. No., Job No., e
Work Performed by	Type Code Symbol Stamp N/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LA PSV-041-2F013A
(a) Applicable Construction Code ASME III 1968 Edition	on, S-70 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or R	

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes of No)
M.S.R.V. Body	Target Rock Corp.	179	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	517	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock Corp.	3354	N/A	*114-76023	N/A	Replacement	No
(24) Inlet Nuts - 1%* - 6UNC-2	Nova Machine	Hest No. QU9	N/A	*114-93784	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work: Rework valve internals, set pressure test, and install.

8 Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 °F

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

(12/82)

XI L2-92-045 Sheet 2 of 2

Applicabl	e Manufacturer's Data	Reports to be att	tached	
	CERTIFICATE O	P COMPLIANCE		
We certify that the statements made in ASME Code, Section XI.	the report are correct	server and server and server and server	acement con r replacement	forms to the rules of the
Type Code Symbol Stamp N/A				
Certificate of Authorization Np N/A	E	xpiration Date	N/A	
Signed D. J. Schmilt to	r Maintenance Engine	er_Date_March_	16	19 93
Owner or Owner's Designee, Title				
CEI I, the undersigned holding a valid commission i or Province ofennsylvaniaand empl	RTIFICATE OF INSER issued by the National loyed by <u>H.S.B.I.&amp; I.</u>	Board of Boiler	and Pressure Vess	
CEI , the undersigned holding a valid commission i or Province of <u>Pennsylvania</u> and empi Hartford, Connecticut	issued by the National	Board of Boiler	and Pressure Vess	
CEI I, the undersigned holding a valid commission i or Province of <u>Pennsylvania</u> and empl Hartford, Connecticut	issued by the National loyed by <u>H.S.B.I.&amp; I</u> <u>1-18-93</u> her has performed exa	Board of Boiler I Company to minations and tai	and Pressure Vess heve inspected 5-17-93	the components describ , and state th
CER the undersigned holding a valid commission is or Province of <u>Pennsylvania</u> and empl <u>Hartford, Connecticut</u> in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirent By signing this certificate neither the Inspect examinations and corrective measures describes shall be liable in any manner for any personal is inspection.	Insued by the National loyed by <u>H.S.B.I.&amp; I.</u> <u>1-18-93</u> mer has performed examinents of the ASME Co tor nor his employer in the d in this Owner's Rep njury or property dam	Board of Boiler a Company to iminations and tai de, Section XI. nakes any warran ort. Furthermore, age or a loss of a	and Pressure Vess have inspected 5-17-93 ken corrective men ity, expressed or in neither the inspec	the components describ asures described in this nplied, concerning the ctor nor his employer
CER the undersigned holding a valid commission is or Province of <u>Pennsylvania</u> and empl <u>Hartford, Connecticut</u> in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirent By signing this certificate neither the Inspect examinations and corrective measures describes shall be liable in any manner for any personal is inspection.	Insued by the National loyed by <u>H.S.B.I.&amp; I.</u> <u>1-18-93</u> mer has performed examinents of the ASME Co tor nor his employer in od in this Owner's Rep njury or property dam Commissions PA 2	Board of Boiler a Company to iminations and tai de, Section XI. nakes any warran ort. Furthermore, age or a loss of a 497 (,N&A	and Pressure Vess have inspected 5-17-93 ken corrective men ity, expressed or in neither the inspec	the components describ , and state th asures described in this nplied, concerning the ctor nor his employer on or connected with thi
CEI the undersigned holding a valid commission is or Province of <u>Pennsylvania</u> and empli- <u>Hartford</u> , <u>Connecticut</u> in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirent By signing this certificate neither the Inspect examinations and corrective measures describe shall be liable in any manner for any personal is inspection.	Insued by the National loyed by <u>H.S.B.I.&amp; I.</u> <u>1-18-93</u> mer has performed examinents of the ASME Co tor nor his employer in od in this Owner's Rep njury or property dam Commissions PA 2	Board of Boiler a Company to iminations and tai de, Section XI. nakes any warran ort. Furthermore, age or a loss of a 497 (,N&A	and Pressure Vess have inspected 5-17-93 ken corrective mean ty, expressed or in neither the inspec- any kind arising fro	the components describ asures described in this nplied, concerning the ctor nor his employer on or connected with thi

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet 1 of 2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131524
Address	Repair Organization P.O. No., Job No., etc
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp N/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LB PSV-041-2F013B

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
M.S.R.V. Body	Target Rock Corp.	186	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	520	N/A	N/A	N/A	Replacement	No
(24) Inlet Nuts 1%" - 6UNC-2	HUB, Inc.	Heat No. A2	N/A	*114-93784	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2. 7. Description of Work: Rework valve and internals, set pressure test and install

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 "F

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

(12/82)

XI L2-92-046 Sheet 2 of 2

	ible Manufacturer's Data Reports to b	e attached
		in the second
	CERTIFICATE OF COMPLIA	NCE
We certify that the statements made ASME Code, Section XI.		replacement conforms to the rules of the air or replacement
Type Code Symbol StampN/	Α	
Certificate of Authorization NoN/A	Expiration Date	e <u>N/A</u>
	for Maintenance Engineer Date Ma	irch 16 19 93
Owner or Owner's Designee. Title		irch 19 19
ana na san ing ang na ang ang ang ang ang ang ang an		
	EDTIFICATE OF BREDVICE BUDE	CT104
c	ERTIFICATE OF INSERVICE INSPE	CTION
the undersigned,holding a valid commission	n issued by the National Board of Bo	iler and Pressure Vessel Inspectors and the Sta
the undersigned,holding a valid commission or Province of <u>Pennsylvania</u> and em Hartford, Connecticut	n issued by the National Board of Bo nployed by <u>H.S.B.I.&amp; I. Company</u>	iler and Pressure Vessel Inspectors and the Str
the undersigned,holding a valid commission or Province of <u>Pennsylvania</u> and em <u>Hartford, Connecticut</u> n this Owner's Report during the period	n issued by the National Board of Bo poloyed by <u>H.S.B.I.&amp; I. Company</u> 1-18-93 to	have inspected the components describ 5-6-93 and state the
the undersigned, holding a valid commission or Province of <u>Pennsylvania</u> and em <u>Hartford, Connecticut</u> n this Owner's Report during the periodo o the best of my knowledge and belief, the O	n issued by the National Board of Bo nployed by <u>H.S.B.I.&amp; I. Company</u> <u>I=18-93</u> to wher has performed examinations an	have inspected the components described in this the state that the state the components described in this taken corrective measures described in this state that the state that taken corrective measures described in this state that taken corrective measures described in the state taken corrective measures described in this state taken corrective measures described in the state taken corrective
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the undersigned, holding a valid commission or Province of <u>Pennsylvania</u> and em <u>Hartford, Connecticut</u> In this Owner's Report during the period o the best of my knowledge and belief, the O owner's Report in accordance with the requir By signing this certificate neither the Inspe- examinations and corrective measures descri- inall be liable in any manner for any persona	n issued by the National Board of Bo nployed by <u>H.S.B.I.&amp; I. Company</u> <u>1-18-93</u> to wher has performed examinations an rements of the ASME Code, Section ) ector nor his employer makes any we bed in this Owner's Report. Furthern il injury or property damage or a loss 7 Commissions <u>PA 2497 I,N&amp;A</u>	have inspected the components describ 5-6-93, and state the taken corrective measures described in this KI. arranty, expressed or implied, concerning the nore, neither the Inspector nor his employer
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet 1 of 2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # C0131525 Repair Organization P.O. No., Job No., etc
Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp N/A
Name	
	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LC PSV-041-2F013C
(a) Applicable Construction Code ASME III 1968 Editio	n. S-70 Addenda. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

ASME Code Repaired. Name of National Other Year Replaced, or Stamped Name of Manufacturer Manufacturer Board No. Identification Built Replacement (Yes. or Component Serial No. No) MSRV Target Rock N/A NA 1992 Replacement Yes 176 Body Corp. Pilot N/A N/A Replacement No Target Rock 525 N/A Corp. Target Rock 1992 Replacement No Spherical 502 NA N/A Collar Corp. (24) iniet Nova Heat No. N/A \*114-93784 N/A Replacement No Nuts 146" -4M5402 Machine SUNC-2

6 Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2 7 Description of Work. Rework valve and internals, certify set pressure test and install.

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 F

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

(12/82)

XI L2:92-047 Sheet 2 of 2

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2 NCR L92-621	
3 W/O # C0135096 and	ASME R&R Plan L2-93-002
	and a second
	CERTIFICATE OF COMPLIANCE
We endire that the statement	its made in the report are correct and this replacement conforms to the rules of t
SME Code. Section XI.	its made in the report are correct and this <u>replacement</u> conforms to the rules of t repair or replacement
ype Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A Expiration Date N/A
-101	-11
Contractional Contract Party and Contraction of the Contract o	adt for Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	
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Owner or Owner's Desig	gnec. Title
Owner or Owner's Desig the undersigned,holding a valid co Province ofPennsylvania	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by H.S.B.I.& I. Company
Owner or Owner's Desig the undersigned,holding a valid co Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel inspectors and the _and employed byHS_B1&1_Company
Owner or Owner's Desig the undersigned,holding a valid co Province of <u>Pennsylvania</u> Hartford, Connectic this Owner's Report during the pe	CERTIFICATE OF INSERVICE INSPECTION  Ommission issued by the National Board of Boiler and Pressure Vessel inspectors and the and employed by HSB1&1 Company  nut
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Owner or Owner's Designed, holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither caminations and corrective measure hall be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION  CERTIFICATE OF INSERVICE INSPECTION  Cand employed by HS B1&1 Company  Cut Cand employed by HS B1&1 Company  Cut Cand employed by HS B1&1 Company  Cut Cand employed by HS B1&2 Company
Owner or Owner's Designed, holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither caminations and corrective measur- nall be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION  CERTIFICATE OF INSERVICE INSPECTION  Cand employed by HS B1&1 Company  Cut Cand employed by HS B1&2 Company
Owner or Owner's Designed, holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither xaminations and corrective measur- nall be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither xaminations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION  CERTIFICATE OF INSERVICE INSPECTION  Cand employed by HS B1&1 Company  Cut Cand employed by HS B1&2 Company

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 3
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131526
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp N/A
Name	
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LD PSV-041-2F013D
(a) Applicable Construction Code ASME III 1968 Ed	

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

ASME Code Repaired, Year Replaced, or Stamped Name of Name of Manufacturer National Other Component Manufacturer Serial No. Board No. Identification Built Replacement (Yes or No) M.S.R.V. Target Rock 184 N/A N/A 1992 Replacement Yes Body Corp. N/A N/A Pilot Target Rock 526 N/A Replacement No Corp. Spherical Target Rock N/A 521 N/A N/A Replacement No Collar Corp. Main Disc Target Rock 3368 NIA. N/A N/A Replacement No Corp. N/A (1) Inlet HUB, Inc. Heat No. N/A \*114-93783 Replacement No Stud 1%' --D9 6x10

6. Identification of Components Repaired or Replaced and Replacement Components

\*Tracebility per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work: Rework valve internals, set pressure test and install

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other []

Pressure 1000 psi Test Temp. 193 °F

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

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

. Owner <u>Philadelphia Electric Company</u> Name	Date March 15, 1993	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet 2 of 3	
Plant Limerick Generating Station Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # CO Repair Organization P.C	A REAL PROPERTY OF A DESCRIPTION OF A DE
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp	N/A
	Authorization No	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LD PS	/-041-2F013D

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Idontification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(24) inlet Nuts 1% - 6UNC-2	Nova Machine	Heat No. QU9	N/A	*114-93784	N/A	Replacement	No
(3) Outlet Studs 1* – 8x6¼*	Consolidated	Heat No. E6	N/A	*114-76530	N/A	Replacement	No
(6) Outlet Nuts 1* 8UNC	Consolidated	Heat No. 4 DH	N/A	*114-76529	N/A	Replacement	No

\*Tracebility per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7 Description of Work. Rework valve internals, set pressure test, and install.

B. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 °F

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

(12/82)

XI L2-92-048 Sheet 3 of 3

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package.

Applicable Manufacturer's Data Reports to be attached

	CER	TIFICATE OF COMPLIANCE		
We certify that the statemen ASME Code, Section XI.	nts made in the repor	t are correct and this <u>repla</u>	icement c replacement	onforms to the rules of the
				onforms to the rules of the
ASME Code, Section XI.			replacement	onforms to the rules of the

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I.& I. Company of Hartford, Connecticut have inspected the components described 1-18-93 5-6-93 , and state that in this Owner's Report during the period to 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 tor any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Jau Clou PA 2497 LN&A ommissions Inspector's Signature

Date

6 MAY 19 93

National Board, State, Province, and Endorsements

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

Owner Philadelphia Electric Company Name	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131527
Address	Repair Organization P.O. No., Job No., etc
Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp N/A
Name	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System_041 Nuclear Boiler	Line No. APE-2MS-LA PSV-041-2F013E
(a) Applicable Construction Code ASME III 1968 Edition.	S-70 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

Repaired, ASME Code Name of Name of Manufacturer National Other Replaced, or Stamped Year Manufacturer Component Serial No. Board No. Identification Built Replacement Yes or No) M.S.R.V. Target Rock N/A 147 N/A 1992 Replacement. Yes Body Corp. Pilot Target Rock 508 N/A N/A NA Replacement No Corp. Spherical Target Rock 47B N/A N/A N/A. Replacement No Collar Corp. HUB, Inc. (24) Inlet N/A Heat No. \*114-93784 N/A Replacement No Nuts 146' -A2 SUNC-2

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work. Rework valve and internals, set pressure test and install.

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

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XI L2-92-049 Sheet 2 of 2

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	and the second second second second			
	CERTIFIC	ATE OF COMPLIAN	ICE	
We certify that the statement	s made in the report are	correct and this	eplacement cor	forms to the rules of the
ASME Code, Section XI.			ir or replacement	
Type Code Symbol Stamp	N/A			
Certificate of Authorization No.	N/A	Expiration Date	N/A	
	and an extension of	Engineer Date Marc	on 16	19 73
Contraction of the second seco		crigineer Date Marc	on re	
Owner or Owner's Desig		Engineer Date Mar	on IG	
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Owner or Owner's Desig the undersigned,holding a valid co r Province of Pennsylvania	nee, Title CERTIFICATE OF mmission issued by the N and employed by H.S	INSERVICE INSPEC	CTION ler and Pressure Ves	sel inspectors and the Si
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> Hartford, Connecticu	nee, Title CERTIFICATE OF mmission issued by the M and employed by <u>HS</u>	INSERVICE INSPEC lational Board of Boil B.1.& 1. Company	CTION ler and Pressure Ves have inspected	sel Inspectors and the St the components descrit
Owner or Owner's Desig the undersigned,holding a valid co r Province of <u>Pennsylvania</u> Hartford, Connecticu this Owner's Report during the per	nee, Title CERTIFICATE OF mmission issued by the M and employed by <u>HS</u> fl	INSERVICE INSPEC lational Board of Boil B.1.8 1. Company 3 - 9.3 to	CTION ler and Pressure Ves have inspected 5 - 5 - 93	sel inspectors and the Si the components descrit , and state th
Owner or Owner's Desig the undersigned,holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per b the best of my knowledge and bel	CERTIFICATE OF mmission issued by the N and employed by <u>HS</u> It ief,the Owner has perform	INSERVICE INSPEC lational Board of Boil B.1.8 1. Company 3 - 9.3 to red examinations and	CTION ler and Pressure Ves have inspected 5 - 5 - 93 d taken corrective me	sel Inspectors and the S the components descri , and state ti
Owner or Owner's Desig the undersigned,holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wner's Report in accordance with th	nee, Title CERTIFICATE OF mmission issued by the N and employed by <u>HS</u> if ief,the Owner has perform he requirements of the AS	INSERVICE INSPEC lational Board of Boil B.1.8 1. Company 3 - 9.3 to red examinations and ME Code, Section XI	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me	el Inspectors and the S the components descri , and state t asures described in this
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Owner Philadelphia Electric Company Namé	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131528
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System_041 Nuclear Boiler	Line No APE-2MS-LB PSV-041-2F013F
(a) Applicable Construction Code ASME III 1968 Edition.	S-70 Addenda. N/A Code Case

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)
M.S.R.V Body	Target Rock Corp.	169	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	519	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock Corp.	3341	N/A	*114-76023	N/A	Replacement	No
(24) inlet Nuts 1% 6UNC-2	Nova Machine	Heat No. 4M5402	N/A	*114-93784	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work. Rework valve and internals, set pressure test and install

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 1000 psi Test Temp 193 F

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

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Xi L2-92-050 Sheet 2 of 2

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	CERTIFIC	ATE OF COMPLIAN	NCE	
We certify that the statement ASME Code, Section XI.	s made in the report are of		replacement cor air or replacement	nforms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No	N/A	Expiration Date	N/A	
Derinicate of Multionization No	19(7)	Expiration Date	18/75	
Signed D. C. Saturd Owner or Owner's Desig		ngineer_Date_Mar	ch 16	19 <b>93</b>
Signed D.L. Saturd Owner or Owner's Desig	nee. Title	ngineer Date Mar		19 <b>_72</b>
Owner or Owner's Desig	CERTIFICATE OF I	INSERVICE INSPEC	CTION	
And the second s	CERTIFICATE OF I	INSERVICE INSPEC	CTION	
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> Hartford, Connecticu	nee. Title CERTIFICATE OF I mmission issued by the Na and employed by <u>H.S.I</u>	INSERVICE INSPEC ational Board of Boil 3.1.& I. Company	CTION ler and Pressure Ves have inspected	
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> Hartlord, Connecticu n this Owner's Report during the per	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod	INSERVICE INSPEC ational Board of Boil 31.& I. Company - 7.3 to	CTION ler and Pressure Vesi have inspected 5 - 5 - 93	sel inspectors and the St the components descrit , and state th
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> Hartford, Connecticu this Owner's Report during the per o the best of my knowledge and bel	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>J-IS</u>	INSERVICE INSPEC stional Board of Boil 31.& I. Company - 93 to to examinations and	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me	sel inspectors and the S the components descrit , and state th
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> Hartford, Connecticu this Owner's Report during the per o the best of my knowledge and bel	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>J-IS</u>	INSERVICE INSPEC stional Board of Boil 31.& I. Company - 93 to to examinations and	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me	sel inspectors and the S the components descrit , and state th
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and beli owner's Report in accordance with th	nee. Title CERTIFICATE OF I mmission issued by the Ne and employed by <u>HS I</u> iod <u>J-18</u> ief,the Owner has performe re requirements of the ASM	INSERVICE INSPECt stional Board of Boil 31.& I. Company - 93 to d examinations and AE Code, Section XI	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me	sel inspectors and the S the components descrit and state the asures described in this
Owner or Owner's Desig the undersigned.holding a valid col r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> n this Owner's Report during the per o the best of my knowledge and beli owner's Report in accordance with the By signing this certificate neither	CERTIFICATE OF I mmission issued by the Na and employed by <u>HSI</u> iod <u>HSI</u> iod <u>HSI</u> iet,the Owner has performe requirements of the ASM the Inspector nor his empli	INSERVICE INSPEC ational Board of Boil 31.& I. Company - <b>9.3</b> to d examinations and AE Code, Section XI oyer makes any war	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me l. tranty, expressed or i	sel inspectors and the Si the components descrit , and state the easures described in this mplied, concorning the
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> n this Owner's Report during the per the best of my knowledge and beli owner's Report in accordance with th	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>I-18</u> ief,the Owner has performe requirements of the ASM the Inspector nor his empli- s described in this Owner	INSERVICE INSPEC ational Board of Boil 31.& I. Company - 9.3 to d examinations and AE Code, Section XI oyer makes any war s Roport. Furthermo	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me l. rranty, expressed or i ore, neither the inspe	sel inspectors and the Si the components descrit asures described in this mplied, concerning the actor nor his employer
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> n this Owner's Report during the per o the best of my knowledge and beli owner's Report in accordance with the By signing this certificate neither teaminations and corrective measure	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>I-18</u> ief,the Owner has performe requirements of the ASM the Inspector nor his empli- s described in this Owner	INSERVICE INSPEC ational Board of Boil 31.& I. Company - 9.3 to d examinations and AE Code, Section XI oyer makes any war s Roport. Furthermo	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me l. rranty, expressed or i ore, neither the inspe	sel Inspectors and the St the components describ asures described in this mplied, concerning the actor nor his employer
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> <u>Hartlord, Connecticu</u> n this Owner's Report during the per the best of my knowledge and beli owner's Report in accordance with the By signing this cortificate neither xaminations and corrective measure hall be liable in any manner for any	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>I-18</u> iod <u>I-18</u> iet,the Owner has performe requirements of the ASM the Inspector nor his empli- s described in this Owner personal injury or property	INSERVICE INSPEC ational Board of Boil 31.& I. Company - 9.3 to d examinations and AE Code, Section XI oyer makes any war s Roport. Furthermo d damage or a loss of	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me l. rranty, expressed or i ore, neither the inspe	sel Inspectors and the St the components describ asures described in this mplied, concerning the actor nor his employer
Owner or Owner's Desig the undersigned,holding a valid col r Province of <u>Pennsylvania</u> <u>Hartlord, Connecticu</u> n this Owner's Report during the per the best of my knowledge and beli owner's Report in accordance with the By signing this cortificate neither xaminations and corrective measure hall be liable in any manner for any	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>I-18</u> ief,the Owner has performe requirements of the ASM the Inspector nor his empli- s described in this Owner	INSERVICE INSPECt ational Board of Boil 31.8 I. Company 	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me t taken corrective me t t ore, neither the inspector of any kind arising tr	sel inspectors and the St the components describ asures described in this implied, concerning the actor nor his employer om or connected with th
Owner or Owner's Desig the undersigned.holding a valid con r Province of <u>Pennsylvania</u> <u>Hartlord, Connecticu</u> n this Owner's Report during the per to the best of my knowledge and beli owner's Report in accordance with the By signing this certificate neither xaminations and corrective measure hall be liable in any manner for any ispection.	CERTIFICATE OF I mmission issued by the Na and employed by <u>HS I</u> iod <u>I-18</u> iod <u>I-18</u> iet,the Owner has performe requirements of the ASM the Inspector nor his empli- s described in this Owner personal injury or property	INSERVICE INSPECt ational Board of Boil 31.8 I. Company 	CTION ler and Pressure Vesi have inspected 5 - 5 - 93 d taken corrective me l. rranty, expressed or i ore, neither the inspe	sel inspectors and the St the components describ asures described in this implied, concerning the actor nor his employer om or connected with th

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131535
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol StampN/A
	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LC PSV-041-2F013G
(a) Applicable Construction Code ASME III 1968 Edition.	S-70 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
M.S.R.V. Body	Target Rock Corp.	189	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	513	N/A	N/A	N/A	Replacement	No
Spherical Collar	Target Rock Corp	477	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock Corp.	3360	N/A	N/A	N/A	Replacement	No
(24) Inlet Nuts 1%* - 6UNC-2	Nova Machine	Heat No. QU9	N/A	*114-93784	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work: Rework valve and internals, set pressure test and install.

8. Tests conducted. Hydrostatic [ ] Prieumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-051 Sheet 2 of 2

Hartford, Connecticut have inspected the components describ	Applicable M	anufacturer's Data Reports to be attached
We certify that the statements made in the report are correct and thisreplacementconforms to the rules of the repair or replacement         ASME Code, Section XI.         Type Code Symbol Str pNA         Certificate of Authorization NoNA		
We certify that the statements made in the report are correct and thisreplacementconforms to the rules of the repair or replacement         ASME Code, Section XI.         Type Code Symbol Str : pNA         Certificate of Authorization NoNA		
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We certify that the statements made in the report are correct and thisreplacement conforms to the rules of the repair or replacement         ASME Code, Section XI.         Type Code Symbol St <sup>+</sup> upNA         Certificate of Authorization NoNA		
ASME Code, Section XI.  Type Code Symbol St pN/A  Certificate of Authorization NoN/AExpiration DateN/A  SignedStatuted tor Maintenance Engineer Date MarchNA  CERTIFICATE OF INSERVICE INSPECTION  Tho undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St r Province of		CERTIFICATE OF COMPLIANCE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>N.S. Subject</u> for Maintenance Engineer Date <u>March</u> <u>16</u> <u>19</u> <u>93</u> Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION Tho undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> <u>have inspected the components described in this owner's Report during the period <u>1-18-93</u> to <u>5-5-93</u> and state the othe 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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the repetion. <u>Commissions</u> <u>PA 2497 LNBA</u> Inspector's Signature <u>National Board</u>, State, Province, and Endorsements</u>		
Signed       19 93         Owner or Owner's Designee, Title       0         CERTIFICATE OF INSERVICE INSPECTION         CERTIFICATE OF INSERVICE INSPECTION         The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St r Province of Pennsylvania and employed by HSB1.8.1. Company         Hartford, Connecticut	Type Code Symbol Str ipN/A	
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St revolves of Pennsylvania and employed by H.S.B.I.& I. Company         Hartford, Connecticut       have inspected the components described in this Owner's Report during the period	Certificate of Authorization No. N/A	Expiration Date N/A
CERTIFICATE OF INSERVICE INSPECTION         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 H.S.B.I.& I. Company         hartiord. Connecticut         have inspected the components described in this Owner's Report during the period 1-18-93         to 5-5-93         and state th 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 hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the hespection.         Or A 2497 I,N&A         National Board, State, Province, and Endorsements	signed D.L. Solmict for Mr	aintenance Engineer Date March 16 . 19 93
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>I-IB-93</u> to <u>5-5-93</u> , and state the 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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hail be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the hspection. <u>Commissions</u> <u>PA 2497 UN&amp;A</u> National Board, State, Province, and Endorsements	Owner or Owner's Designee, Title	
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; i. Company</u> <u>Hartford, Connecticut</u> n this Owner's Report during the period <u>I-IB-93</u> to <u>5-5-93</u> , and state the o the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Dwner'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 commissions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer thail be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the nepection. <u>Commissions</u> <u>PA 2497 I,N&amp;A</u> Inspector's Signature National Board, State, Province, and Endorsements		
or Province of Pennsylvania       and employed by       H.S.B.I.& I. Company         Hartford, Connecticut       have inspected the components described in this Owner's Report during the period       1-18-93       to       5-5-93       , and state the other 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 takes of any kind arising from or connected with the negotive measures.         Inspection.       Commissions       PA 2497 LN&A         National Board, State, Province, and Endorsements       National Board, State, Province, and Endorsements		
Hartlord, Connecticut       have inspected the components described         In this Owner's Report during the period       1-18-93       to       5-5-93       , and state th         In this Owner's Report during the period       1-18-93       to       5-5-93       , and state th         In this Owner's Report in accordance with the requirements of the ASME Code, Section XI.       Section XI.       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 that be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the negative formations.         Inspector's Signature       Commissions       PA 2497 UN&A         National Board, State, Province, and Endorsements	CERTI	FICATE OF INSERVICE INSPECTION
o 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 the nspection.	the undersigned holding a valid commission issu	ed by the National Board of Boiler and Pressure Vessel inspectors and the Sta
Dwner'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 the nspection.	the undersigned, holding a valid commission issuer or Province of <u>Pennsylvania</u> and employe Hartford, Connecticut	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Str ad by <u>H.S.B.I.&amp; I. Company</u> have inspected the components describ
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 that be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the inspection.  Commissions PA 2497 I,N&A Inspector's Signature  National Board, State, Province, and Endorsements	the undersigned holding a valid commission issue or Province of <u>Pennsylvania</u> and employe <u>Hartford, Connecticut</u> In this Owner's Report during the period	ted by the National Board of Boiler and Pressure Vessel Inspectors and the Sta ad by <u>H.S.B.I.&amp; I. Company</u> have inspected the components describ 1-18-93 to <u>5-5-93</u> , and state the
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hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the nspection. Commissions PA 2497 I,N&A Inspector's Signature Commissions National Board, State, Province, and Endorsements	the undersigned, holding a valid commission issu or Province of <u>Pennsylvania</u> and employe <u>Hartford, Connecticut</u> in this Owner's Report during the period to the best of my knowledge and belief, the Owner Owner's Report in accordance with the requirement	hed by the National Board of Boiler and Pressure Vessel Inspectors and the Stand by <u>H.S.B.I.&amp; I. Company</u> have inspected the components described in this factorized the components described in this factorized the ASME Code, Section XI.
Inspector's Signature Commissions PA 2497 I,N&A National Board, State, Province, and Endorsements	the undersigned, holding a valid commission issu r Province of <u>Pennsylvania</u> and employe <u>Hartford</u> , <u>Connecticut</u> in this Owner's Report during the period <u></u> to the best of my knowledge and belief, the Owner owner's Report in accordance with the requirement By signing this certificate neither the inspector in	hed by the National Board of Boiler and Pressure Vessel Inspectors and the Stand by <u>H.S.B.I.&amp; I. Company</u> have inspected the components described 1-18-93 to <u>5-5-93</u> , and state the has performed examinations and taken corrective measures described in this its of the ASME Code, Section XI. nor his employer makes any warranty, expressed or implied, concerning the
Inspector's Signature National Board, State, Province, and Endorsements	the undersigned holding a valid commission issuer Province of <u>Pennsylvania</u> and employe <u>Hartford</u> , <u>Connecticut</u> In this Owner's Report during the period to the best of my knowledge and belief, the Owner Owner's Report in accordance with the requirement By signing this certificate neither the Inspector in examinations and corrective measures described in	hed by the National Board of Boiler and Pressure Vessel Inspectors and the State of by <u>H.S.B.I.&amp; I. Company</u> have inspected the components described <u>1-18-93</u> to <u>5-5-93</u> , and state the has performed examinations and taken corrective measures described in this its of the ASME Code, Section XI. nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the inspector nor his employer
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Date 5 MAY 19 93	the undersigned holding a valid commission issuer r Province of <u>Pennsylvania</u> and employe <u>Hartford</u> , <u>Connecticut</u> a this Owner's Report during the period to the best of my knowledge and belief, the Owner owner's Report in accordance with the requirement By signing this certificate neither the inspector is caminations and corrective measures described in hall be liable in any manner for any personal injur- nspection.	have inspected the components described in this described in this of the ASME Code, Section XI. nor his employer makes any warranty, expressed or implied, concerning the his Owner's Report. Furthermore, neither the inspector nor his employer raises of any kind arising from or connected with this of the this of the this of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or connected with this or property damage or a loss of any kind arising from or connected with this or connected with this or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected with this or property damage or a loss of any kind arising from or connected
	the undersigned, holding a valid commission issuer Province of <u>Pennsylvania</u> and employe <u>Hartford</u> , Connecticut In this Owner's Report during the period <u>Pennsylvania</u> this Owner's Report during the period <u>Pennsylvania</u> belief, the Owner's Report in accordance with the requirement By signing this certificate neither the inspector is a corrective measures described in thall be liable in any manner for any personal injurt period. <u>Conditional Conditional Co</u>	have inspected the components described in this is of the ASME Code, Section XI. nor his employer makes any warranty, expressed or implied, concerning the his Owner's Report. Furthermore, neither the inspector nor his employer raises of any kind arising from or connected with this mmissions PA 2497 I,N&A
	the undersigned holding a valid commission issuer Province of <u>Pennsylvania</u> and employe <u>Hartford</u> , <u>Connecticut</u> and employe <u>Hartford</u> , <u>Connecticut</u> and this Owner's Report during the period belief, the Owner's Report in accordance with the requirement. By signing this certificate neither the inspector of examinations and corrective measures described in thail be liable in any manner for any personal injurt haspection. Content of the signature Content of the signature of th	have inspected the components described in this in the ASME Code, Section XI. nor his employer makes any warranty, expressed or implied, concerning the interview of the ASME Code, Section XI. nor his employer makes any warranty, expressed or implied, concerning the interview of the ASME Code, Section XI. Nor his employer makes any warranty, expressed or implied, concerning the interview of the inspector nor his employer related to the inspector of the inspec

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

ch 16, 1993
of_3
o - WO # C0131020
enization P.O. No., Job No., etc
bol StampN/A
N/A
S-LD PSV-041-2F013H
ポリ

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
M.S.R.V. Body	Target Rock Corp.	145	N/A	N/A	1990	Replacement	Yes
Pilot	Target Rock Corp.	523	N/A	N/A	N/A	Replacement	No
Spherical Collar	Target Rock Corp.	527	N/A	N/A	N/A	Replacement	No
(12) Inlet Studs - 1% 6x10*	HUB, Inc.	Heat No. D9	N/A	*114-93783	N/A	Replacement	No
(24) Inlet Nuts - 144" - 6UNC-2	Nova Machine	Heat No. 41/05402	N/A	*114-93784	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No.

7. Description of Work: Rework valve internals, set pressure test, and install.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 "F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8.1/2 in x.11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

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

Date March 16, 1993
Sheet 2 of 3
Unit LG2
PECo - WO # C0131020
Repair Organization P.O. No., Job No., etc.
Type Code Symbol StampN/A
Authorization NoN/A
Expiration DateN/A
Line No. APE-2MS-LD PSV-041-2F013H

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(1) Outlet Stud – 1* - 8x61/4*	Consolidated Power	Heat No. 8869139	N/A	*114-76530	N/A	Replacement	No
(2) Outlet Nuts - 1" - 8UNC	Consolidated Power	Heat No. 4 DH	N/A	*114-76529	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Rework valve internals, set pressure test, and install.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 °F

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

(12/82)

XI L2-92-002 Sheet 3 of 3

ZLS 2/16/93

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

an a	
	CERTIFICATE OF COMPLIANCE
We certify that the statement ASME Code, Section XI.	ts made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No,	N/A Expiration Date N/A
Signed D. L. Schmi	A for Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	mee, Title
the undersigned, holding a valid co	
, the undersigned,holding a valid co or Province of <u>Pennsylvania</u> Hartford, Connectici	and employed by <u>H.S.B.I.&amp; I</u> Company components describute the components descributed the component describ
, the undersigned,holding a valid co or Province of <u>Pennsylvania</u> Hartford, Connecticu n this Owner's Report during the per o the best of my knowledge and bei	and employed by <u>H.S.B.I.&amp; I</u> Company have inspected the components describ
, the undersigned, holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> n this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company the components describe riod $12-16-92$ to $5-17-93$ , and state the lief,the Owner has performed examinations and taken corrective measures described in this
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131540
Address	Repair Organization P.O. No., Job No., etc.
. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampN/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LA PSV-041-2F013J
(a) Applicable Construction Code ASME III 1968 Edition.	S-70 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
M.S.R.V. Body	Target Rock Corp.	180	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	518	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock Corp.	3367	N/A	N/A	N/A	Replacement	No
(1) Outlet Stud - 1" - Bx61/4"	Consolidated Power	Heat No. 8869139	N/A	*114-76530	N/A	Replacement	No
(2) Outlet Nuts - 1* - BUNC	HUB, Inc.	Heat No. B18369	N/A	*114-76530	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work. Rework valve internals, set pressure test, and install.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pre

Pressure 1000 psi Test Temp. 193 "F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8.1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

XI L2-92-052 Sheet 2 of 2

	Applicable Manufacturer's Data Reports to be attached
2. Reworked outlet flange	per NCR L92-623, W/O C0135092, and ASME R&R Plan L93-01.
	CERTIFICATE OF COMPLIANCE
We certify that the statemer ASME Code, Section XI.	nts made in the report are correct and this <u>replacement</u> conforms to the rules of
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
DIST	icht for Maintenance Engineer Date March 16 , 19 93
Signed	
Contract of Contract of Second	Burnet Lane
	APPENDIATE AF MAPPANAE MAPPANAM
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned holding a valid o	
	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed byH.S.B.I.& I. Company
r Province of Pennsylvania	ommission issued by the National Board of Boller and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> cut have inspected the components describ
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company cut have inspected the components describe eriod
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.1&1 Company cut have inspected the components describ- eriod 5-17-93 and state the
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be owner's Report in accordance with	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company but have inspected the components describe eriod <u>1-18-23</u> to <u>5-17-93</u> , and state the elief, the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be owner's Report in accordance with By signing this certificate neither	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company but have inspected the components describe eriod <u>1-18-23</u> to <u>5-17-23</u> , and state the elief,the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be owner's Report in accordance with By signing this certificate neither examinations and corrective measure	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company but have inspected the components describe eriod <u>1-18-23</u> to <u>5-17-23</u> , and state the elief,the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI. If the Inspector nor his employer makes any warranty, expressed or implied, concerning the residescribed in this Owner's Report. Furthermore, neither the Inspector nor his employer
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be owner's Report in accordance with By signing this certificate neither examinations and corrective measure	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company but have inspected the components describe eriod <u>1-18-23</u> to <u>5-17-93</u> and state the elief,the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be owner's Report in accordance with By signing this certificate neither maminations and corrective measure hall be liable in any manner for an	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company but have inspected the components describe eriod <u>1-18-23</u> to <u>5-17-93</u> and state the elief,the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI. If the Inspector nor his employer makes any warranty, expressed or implied, concerning the res described in this Owner's Report. Furthermore, neither the Inspector nor his employer
r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pro- to the best of my knowledge and be owner's Report in accordance with By signing this certificate neither maminations and corrective measure hall be liable in any manner for an	ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company but

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

Owner Philadelphia Electric Company Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet <u>1</u> of <u>2</u>
Plant Limerick Generating Station	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131542
Address	Repair Organization P.O. No., Job No., etc
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration DateN/A
Address	
identification of System 041 Nuclear Boiler	Line No. APE-2MS-LB PSV-041-2F013K
(a) Applicable Construction Code ASME III 1968 Edition	S-70 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1985

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)
M.S.R.V. Body	Target Rock Corp.	167	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	515	N/A	N/A	N/A	Replacement	No

Main Body replacement per MOD No. 6101-2.

7 Description of Work: Rework valve and internals, set pressure test and install

8 Tests conducted. Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

XI L2-92-053 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report is attached to W/O Package.</u> Applicable Manufacturer's Data Reports to be attached

	CERTIFIC	ATE OF COMPLI	ANCE			
We certify that the statements in ASME Gode, Section XI.	nade in the report are c			ment conf placement	orms to the	rules of the
Type Code Symbol Stamp	N/A		-			
Certificate of Authorization No.	N/A	Expiration Da	ate	N/A		
Signed D.L. Schmidt	for Maintenance E	ngineer Date M	arch	Ke	. 19	93
Owner or Owner's Designer	particular and an observation particular they wanted a state of the particular second second second second second	Children Courte		and the second second		and have the construction
		a second and	oller and	hand the second		
r Province of Pennsylvania ar						
r Province of <u>Pennsylvania</u> ar Hartford, Connecticut	nd employed by H.S.	B.I.& I. Company	h	ave inspected t	he compor	nents describ
r Province of <u>Pennsylvania</u> at <u>Hartford, Connecticut</u> In this Owner's Report during the period	nd employed by H.S.	8.1.& 1. Company 7.3 to	h 6	ave inspected t - 3-93	he compor	nents describ and state th
or Province of <u>Pennsylvania</u> at <u>Hartford, Connecticut</u> In this Owner's Report during the period of the best of my knowledge and belief;	nd employed by <u>H.S.</u> d <u>J-18-</u> the Owner has perform	B.I.& I. Company 73 to ed examinations a	h 6 and taken	ave inspected t - 3-93	he compor	nents describ and state th
or Province of <u>Pennsylvania</u> at <u>Hartford, Connecticut</u> In this Owner's Report during the period to the best of my knowledge and belief; Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures of shall be liable in any manner for any per-	nd employed by <u>H.S.</u> d <u>I-18-</u> the Owner has perform requirements of the AS a Inspector nor his emp described in this Owner	B.I.& I. Company 73 to ed examinations a ME Code, Section loyer makes any w 's Report. Further	h and taken XI. varranty, r more, ne	ave inspected t - 3-93 corrective mas expressed or in ther the inspec	he compor sures desc iplied, con tor nor his	nents describ and state th ribed in this cerning the employer
or Province of <u>Pennsylvania</u> at <u>Hartford, Connecticut</u> In this Owner's Report during the period to the best of my knowledge and belief; Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures of thall be liable in any manner for any per-	nd employed by <u>H.S.</u> the Owner has perform requirements of the AS inspector nor his emp described in this Owner stsonal injury or propert	B.I.& I. Company 73 to ed examinations a ME Code, Section loyer makes any w 's Report. Further y damage or a los	h and taken XI. varranty, r more, ne	ave inspected t - 3-93 corrective mas expressed or in ther the inspec	he compor sures desc iplied, con tor nor his	ents describ and state this ribed in this cerning the employer
or Province of <u>Pennsylvania</u> at <u>Hartford, Connecticut</u> In this Owner's Report during the period to the best of my knowledge and belief; Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures of shall be liable in any manner for any per-	nd employed by <u>H.S.</u> the Owner has perform requirements of the AS inspector nor his emp described in this Owner stsonal injury or propert	B.I.& I. Company 73 to ed examinations a ME Code, Section loyer makes any w 's Report. Further	h ind taken XI. varranty, r more, ne ss of any	ave inspected t - 3-93 corrective mea expressed or in ther the inspec kind arising fro	he compor sures desc nplied, con tor nor his m or conne	and state this and state this ribed in this cerning the employer scted with this
in this Owner's Report during the period to the best of my knowledge and belief. Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures of shall be liable in any manner for any per inspection.	nd employed by <u>H.S.</u> the Owner has perform requirements of the AS inspector nor his emp described in this Owner stsonal injury or propert	B.I.& I. Company 73 to ed examinations a ME Code, Section loyer makes any w 's Report. Further y damage or a los PA 2497 I,N&A	h ind taken XI. varranty, r more, ne ss of any	ave inspected t - 3-93 corrective mea expressed or in ther the inspec kind arising fro	he compor sures desc nplied, con tor nor his m or conne	ents describ and state this ribed in this cerning the employer scted with this

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131543
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by _ Philadelphia Electric Company	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LC PSV-041-2F013L
(a) Applicable Construction Code ASME III 1968 Edition.	S-70 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

ASME Code Repaired. Replaced, or Stamped Name of Name of Manufacturer National Other Year Manufacturer Board No. Identification Replacement (Yes of Component Serial No. Buitt No) M.S.R.V. Target Rock 148 N/A N/A 1990 Replacement Yes Body Corp. Pilot Target Rock 521 N/A N/A N/A Replacement No Corp. (24) inlet Nova Heat No. N/A \*114-93784 N/A Replacement No Nuts 1%" ---Machine 4M5402 6UNC-2

6. Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No.

7. Description of Work: Rework valve and internals, set pressure test and install

8. Tests conducted. Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other []

Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report is attached to W/O Package</u> Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statemen SME Code, Section XI.	made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ype Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
ioned D.L. Schnie	H for Maintenance Engineer Date March 16 19 93
Owner or Owner's Desig	ee. Title
and the second	
the undersigned,holding a valid co Province of Pennsylvania	CERTIFICATE OF INSERVICE INSPECTION
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION Imission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.I.&amp; I. Company</u> have icc. tied the components descrit
r Province of <u>Pennsylvania</u> Hartford, Connectic this Owner's Report during the pe the best of my knowledge and be	CERTIFICATE OF INSERVICE INSPECTION Imission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.I.&amp; I. Company</u> have incredit the components describ
Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither caminations and corrective measur- nal be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION Imission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.I.&amp; I. Company</u> have inspective the components described have inspective the components described in this and state the fight of the component described in this
Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither caminations and corrective measurn hall be liable in any manner for any spection.	CERTIFICATE OF INSERVICE INSPECTION  Imission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.I.&amp; I. Company</u> have instant the components described in this <u>1-18-93</u> to <u>5-5-9</u> is and state the inspector measures described in this a requirements of the ASME Code, Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer
Province of <u>Pennsylvania</u> <u>Hartford</u> , <u>Connectic</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither caminations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION  Immission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.I.&amp; I. Company</u> have instant the components described in <u>1-18-93</u> to <u>5-5-9</u> is and state the intervent of the ASME Code, Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the idescribed in this Owner's Report. Furthermore, neither the Inspector nor his employer before a loss of any kind arising from or connected with th

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

1. Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
2. Plurit Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131546
Address	Repair Organization P.O. No., Job No., etc
8. Work Performed by Philadelphia Electric Company	Typr Code Symbol Stamp N/A
Name	
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
I Identification of System 041 Nuclear Boller	Line No. APE-2MS-LD PSV-041-2F013M
. (a) Applicable Construction Code ASME III 1968 Edition.	S-70 Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repla	acements 1986

Repaired. ASME Code Name of Name of Manufacturer National Other Year Replaced, or Stamped Board No. Component Manufacturer Identification Serial No. Replacement (Yes or Built No) M.S.R.V. Target Rock 178 N/A N/A 1992 Replacement Yes Body Corp. Pilot Target Rock 522 N/A NA N/A Replacement No Corp. (24) Injet Nova Heat No. N/A \*114-93784 N/A Replacement No Nuts 186' --Machine 4M5402 BUNC-2

6 Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work. Rework valve and internals, set pressure test and install.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 °F

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

(12/82)

XI L2-92-055 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks 1. Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statemer ASME Code, Section XI	its made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
and the second s	Title Title
owner or Owner's Desi	gnee, Title
Owner or Owner's Desi	CERTIFICATE OF INSERVICE INSPECTION
the undersigned,holding a valid c Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION Immission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>HSBI&amp;I</u> Company In the inspected the components describ
Owner or Owner's Desi the undersigned,holding a valid or Province of <u>Pennsylvania</u> Hartford, Connectio this Owner's Report during the per the best of my knowledge and be	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel inspectors and the Sta and employed by <u>H.S.B.I.&amp; I Company</u> of uthave inspected the components describ
Owner or Owner's Desi the undersigned, holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wner's Report in accordance with t By signing this certificate neither aminations and corrective measur	CERTIFICATE OF INSERVICE INSPECTION Dimmission issued by the National Board of Boiler and Pressure Vessel inspectors and the Sta and employed by <u>HSBI&amp;I Company</u> ut

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2
Plant Limerick Generating Station Name	UnitLG2
P.O. Box 2300, Sanatoga, PA 19454-2300	PECo - WO # C0131017
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 041 Nuclear Boiler	Line No. APE-2MS . B PSV-041-2F013N
(a) Applicable Construction Code <u>ASME III</u> 19 <u>50</u> Edition.	S-70 Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	acements 1986

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)
M.S.R.V. Body	Target Rock Corp.	175	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	516	N/A	N/A	N/A	Replacement	No
Pilut Seat	Target Rock Corp.	516	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock Corp.	3366	N/A	N/A	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and <sup>1</sup> leplacement Components

Main Body replacement per MOD No. 6101-2.

7. Description of Work: Rework valve internals, set pressure test, and install.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-023 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks 1. Manufacturer's Data Report is attached to W/O Package.

Applicable Manufacturer's Data Reports to be attached

2. Replaced pilot seat per ASME R&R Plan L2-92-38.

#### CERTIFICATE OF COMPLIANCE

Expiration Date N/A

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

Type Code Symbol Stamp

Signed

100

Certificate of Authorization No N/A

N/A

tor Maintenance Engineer Date March 16 19 93 Har. C - 10

Owner or Owner's Designee, Title

#### CERTIFICATE OF INSERVICE INSPECTION

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

Hartford, Connecticut have inspected the components described 12-16-92 to 5-18-93 in this Owner's Report during the period , 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.

& au alman Inspector's Signature

18 MAY 1993

Commissions PA 2497 LN&A National Board, State, Province, and Endorsements

Date

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Merket Street, Philadelphia, PA 19101 Address	Sheetof_2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131549
Address	Repair Organization P.O. No., Job No., etc
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampN/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System 041 Nuclear Boiler	Line No. APE-2MS-LD PSV-041-2F013S

(b) Applicable Edition of Section Xi Utilized for Repairs or Replacements 1986

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
M.S.R.V. Body	Target Rock Corp.	188	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock Corp.	528	N/A	N/A	N/A	Replacement	No
(1) Drilled Hex Head Bolt	Target Rock Corp.	Heat No. TB	N/A	N/A	N/A	Replacement	No
(24) Inlet Nuts 1%' BUNC-2	Nova Machine	Heat No. 4M5402	N/A	*114-93784	N/A	Replacement	No

6 Identification of Components Repaired or Replaced and Replacement Components

\*Traceability per PECo Part Code No. Main Body replacement per MOD No. 6101-2.

7. Description of Work: Rework valve and internals, set pressure test and install.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other []

Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

XI L2-92-056 Sheet 2 of 2

	Applicable Manufacturer	s Data Heports to be a	inacheo		
				1999	
	CERTIFIC	ATE OF COMPLIANC	E		
We certify that the stateme	nts made in the report are o	orrect and this re;	placement	conforms to th	e rules of the
ASME Code, Section XI.			or replacemen		
Type Code Symbol Stamp	N/A				
Certificate of Authorization No	N/A	Expiration Date	N/A		
	111		11	-	93
signed 1 2. L B V K	tor Maintenance t	ngineer Date March	100	19	11
Orviner or Owner's Des		ingineer Date <u>March</u>	1.0		1.
Casesworth and Allina and Million of Stranger Wings C.S.	ignee. Trt≱			. 19	
Casesworth and an Edmand and Million of Barry Million Chile	ignee. Trt≱	INSERVICE INSPECT			
Or mer or Owner's Des	ignee. Tশ্বঃ CERTIFICATE OF commission issued by the N	INSERVICE INSPECT			
the undersigned,holding a valid o	CERTIFICATE OF commission issued by the N and employed by H.S.	INSERVICE INSPECT	TION r and Pressure	Vessel Inspecto	irs and the St
Or mer or Owner's Des the undersigned, holding a valid o r Province of <u>Pennsylvania</u> Hartford, Connecti	CERTIFICATE OF commission issued by the N and employed byH.S. cut	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company	TION r and Pressure	Vessel Inspecto	irs and the St
the undersigned holding a valid or r Province of <u>Pennsylvania</u> Hartford, Connecti n this Owner's Report during the p	CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u>	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company 93 to	TION r and Pressure have inspe S MAY	Vessel Inspecto cted the compo	ins and the St ments descrit , and state th
the undersigned, holding a valid of r Province of <u>Pennsylvania</u> Hartford, Connecti this Owner's Report during the p of the best of my knowledge and b	CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u> elief,the Owner has perform	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company 93 to ed examinations and t	TION r and Pressure have inspe S MAY	Vessel Inspecto cted the compo	ins and the Si ments descrit , and state th
the undersigned,holding a valid of r Province of <u>Pennsylvania</u> Hartford, Connecti this Owner's Report during the p the best of my knowledge and b	CERTIFICATE OF CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u> elief,the Owner has perform the requirements of the AS	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company 9 93 to ed examinations and t ME Code, Section XI.	TION r and Pressure have inspe have inspe have inspe have inspe have inspe	Vessel Inspecto cted the compo <b>93</b> measures desi	rs and the Si nerits descrit , and state th cribed in this
the undersigned holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> this Owner's Report during the p of the best of my knowledge and b owner's Report in accordance with By signing this certificate neither xaminations and corrective measu	CERTIFICATE OF CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u> eliel, the Owner has perform the requirements of the AS in the Inspector nor his emp res described in this Owner	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company 9 93 to ed examinations and t ME Code, Section XI. loyer makes any warra 's Report. Furthermor	TION r and Pressure have inspe have inspe have inspe have inspe taken corrective anty, expressed e, neither the in	Vessel Inspecto cted the compo <b>93</b> measures desi or implied, con ispector nor his	nents descrit , and state the cribed in this incerning the semployer
the undersigned holding a valid of r Province of <u>Pennsylvania</u> <u>Hartford, Connecti</u> this Owner's Report during the p to the best of my knowledge and b owner's Report in accordance with By signing this certificate neithe xaminations and corrective measu hall be liable in any manner for an	CERTIFICATE OF CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u> eliel, the Owner has perform the requirements of the AS in the Inspector nor his emp res described in this Owner	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company 9 93 to ed examinations and t ME Code, Section XI. loyer makes any warra 's Report. Furthermor	TION r and Pressure have inspe have inspe have inspe have inspe taken corrective anty, expressed e, neither the in	Vessel Inspecto cted the compo <b>93</b> measures desi or implied, con ispector nor his	nents describ , and state the cribed in this incerning the semployer
the undersigned holding a valid of r Province of <u>Pennsylvania</u> <u>Hartford, Connecti</u> this Owner's Report during the p to the best of my knowledge and b owner's Report in accordance with By signing this certificate neithe xaminations and corrective measu hall be liable in any manner for an	CERTIFICATE OF CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u> eliel, the Owner has perform the requirements of the AS in the Inspector nor his emp res described in this Owner	INSERVICE INSPECT ational Board of Boiler B.I.& I. Company 9 93 to ed examinations and t ME Code, Section XI. loyer makes any warra 's Report. Furthermor	TION r and Pressure have inspe have inspe have inspe have inspe taken corrective anty, expressed e, neither the in	Vessel Inspecto cted the compo <b>93</b> measures desi or implied, con ispector nor his	nents describ , and state the cribed in this incerning the semployer
the undersigned holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford Connection</u> this Owner's Report during the p to the best of my knowledge and b owner's Report in accordance with By signing this certificate neither maninations and corrective measu hall be liable in any manner for an ispection.	CERTIFICATE OF CERTIFICATE OF commission issued by the N and employed by <u>H.S.</u> cut eriod <u>18 JAA</u> eliel, the Owner has perform the requirements of the AS in the Inspector nor his emp res described in this Owner	INSERVICE INSPECT ational Board of Boiler B.1.& I. Company B.1.& I. Company 9 93 to ed examinations and t ME Code, Section XI loyer makes any warra 's Report. Furthermor y damage or a loss of	TION r and Pressure have inspe have inspe have inspe have inspe taken corrective anty, expressed e, neither the in	Vessel Inspecto cted the compo <b>93</b> measures desi or implied, con ispector nor his	nents descrit , and state the cribed in this incerning the semployer
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XI 12-93-027

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

. Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 191	01 Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0134496
Address	Repair Organization P.O. No., Job No., etc
Work Performed byPhiladelphia Electric Compar	Type Code Symbol Stamp N/A
Name	Authorization No. N/A
	Provide and the second strength of the second
2301 Market Street, Philadelphia, PA 1910	01 Expiration Date N/A
Address	
Identification of System 041 Nuclear Boiler	Line No. DBA-210-1 N7 Nozzle Flange

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

Repaired. ASME Code Name of Name of Manufacturer National Other Year Replaced, or Stamped Manufacturer Board No. Replacement Component Serial No. Identification Built (Yes or No! RPV N7 CB&! B5027 3960 20-5201 1977 Repair Yes Nozzie Flange

6. Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work: Machined nozzle flange tongue.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

	cable Manufacturer's Data Reports to be attached	
	CERTIFICATE OF COMPLIANCE	
We cost to the statements may	le in the report are correct and this repair conforms to the rules of t	ihan .
ASME Code, Section XI.	repair or replacement	
ype Code Symbol Stamp	N/A	
Certificate of Authorization No	V/A Expiration Date N/A	
signed D.I. Samuelt	for Maintenance Engineer Date March 16	
a second a second s		
	CERTIFICATE OF INSERVICE INSPECTION	
	sion issued by the National Board of Boiler and Pressure Vessel inspectors and t	the S
Province of Pennsylvania and Hartford, Connecticut	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and t employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components d	escri
Province of Pennsylvania and Hartford, Connecticut this Owner's Report during the period	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and t employed by H.S.B.I.& I. Company have inspected the components d 2-16-93 to 5-3-93, and st	escritate 1
Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the	sion issued by the National Boerd of Boiler and Pressure Vessel Inspectors and t employed by H.S.B.I.& I. Company have inspected the components d 2-16-93 to 5-3-93, and st Owner has performed examinations and taken corrective measures described in	escritate 1
Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wner's Report in accordance with the rec By signing this certificate neither the In	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and temployed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components d <u>2-16-93</u> to <u>5-3-93</u> , and st Owner has performed examinations and taken corrective measures described in uirements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning	escritate t n this
Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the rec By signing this certificate neither the In xaminations and corrective measures det	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and temployed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components d <u>2-16-93</u> to <u>5-3-93</u> , and st Owner has performed examinations and taken corrective measures described in uirements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning cribed in this Owner's Report. Furthermore, neither the Inspector nor his employ	escritate t tate t n this y the y er
Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the rec By signing this certificate neither the In xaminations and corrective measures det	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and temployed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components d <u>2-16-93</u> to <u>5-3-93</u> , and st Owner has performed examinations and taken corrective measures described in uirements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning	escritate t tate t n this y the y er
Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the rec By signing this certificate neither the In xaminations and corrective measures det nall be liable in any manner for any perso	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and temployed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components d <u>2-16-93</u> to <u>5-3-93</u> , and st Owner has performed examinations and taken corrective measures described in uirements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning cribed in this Owner's Report. Furthermore, neither the Inspector nor his employ	escritate t tate t n this y the y er
Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the rec By signing this certificate neither the In xaminations and corrective measures det nall be liable in any manner for any perso	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and temployed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components d <u>2-16-93</u> to <u>5-3-93</u> , and st Owner has performed examinations and taken corrective measures described in uirements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning cribed in this Owner's Report. Furthermore, neither the Inspector nor his employ nal injury or property damage or a loss of any kind arising from or connected w	escritate t tate t n this y the y er

XI L2-93-030

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

. Owner	Philadelphia Electric Company	Date March 16, 19	93
	Name		
	2301 Market Street, Philadelphia, PA 19101 Address	Sheetof;	2
Plant	Limerick Generating Station	Unit LG2	김 김 고감
	Name		
	P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO	# R0466785
	Address	Repair Organization	P.O. No., Job No., etc.
Work P	erformed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stam	P <u>N/A</u>
		Authorization No.	N/A
	2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
. identific	ation of System_041 Nuclear Boiler	Line No. DBB-203-1 H	V-041-2F032A
	licable Construction Code ASME III 1971 Edition,	W.72 Addends 1510 & 1625	1 Code Case

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)
Bearing Cover	Atwood & Morrill	5	N/A	Heat No. R1172	N/A	Replacement	No
Bearing Cover	Atwood & Morrill	6	N/A	Heat No. R1172	N/A	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work: Replaced shaft and bearing covers.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-93-030 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statemen ASME Code, Section XI.	s made in the report are correct and this <u>replacement</u> conforms to the rules of t repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization/No	N/A Expiration Date N/A
Signed Schmid	for Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	
the undersigned,holding a valid or	CERTIFICATE OF INSERVICE INSPECTION
, the undersigned,holding a valid or or Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of the temponents describility
, the undersigned,holding a valid or province of <u>Pennsylvania</u> Hartford, Connectio n this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of the temponents describility
the undersigned, holding a valid or province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> n this Owner's Report during the pe o the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither examinations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION         nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1.8.1. Company</u> t         and employed by <u>H.S.B.1.8.1. Company</u> t       have inspected the components described have inspected the components described of <u>2-17-93</u> to <u>6-4-93</u> , and state the of the Owner has performed examinations and taken corrective measures described in this
the undersigned, holding a valid or province of <u>Pennsylvania</u> <u>Hartford, Connection</u> h this Owner's Report during the pe of the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither examinations and corrective measure thall be liable in any magner for any	CERTIFICATE OF INSERVICE INSPECTION         Inmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by <u>H.S.B.1.8.1. Company</u> t
the undersigned, holding a valid or province of <u>Pennsylvania</u> <u>Hartford, Connection</u> h this Owner's Report during the pe of the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither examinations and corrective measure thall be liable in any magner for any	CERTIFICATE OF INSERVICE INSPECTION  Inmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1.8.1. Company</u> there inspected the components described and <u>2-17-93</u> to <u>6-4-93</u> , and state the eff.the Owner has performed examinations and taken corrective measures described in this e requirements of the ASME Code, Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the a described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this

XI L2-93-031

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0140327
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp N/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
identification of System_041 Nuclear Boiler	Line No. DLA-206-1 HV-041-2F074B
(a) Applicable Construction Code ASME III 1971 Edition	n. W-72 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
HV-041- 2F074B	Atwood & Morrill	4-521	N/A	B Loop Feedwater PCIV	ni/A	Repair	Yes

7. Description of Work: Weld build up and machine pressure seal bonnet seating area.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Pressure 1000 psi Test Temp 193 "F Other []

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

XI L2-93-031 Sheet 2 of 2

# FORM NIS-2 (BACK)

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I

Remarks Manufacturer's Data Report is att				
Appli	cable Manufacturer's D	ata Reports to be a	attached	
	CERTIFICAT	E OF COMPLIANC	35	
We certify that the statements mad SME Code, Section XI.	e in the report are con		repair confo or replacement	rms to the rules of the
ype Code Symbol StampI	N/A			
Certificate of Authorization No	A/k	_ Expiration Date _	N/A	
igned D.L. Schmidt	for Maintenance Eng	gineer Date March	16	19 93
Owner or Owner's Designee, T	rtie			
and the second				
	an a	ar any side of the second s	angang menangkan kan penangkan di Santa panan Barman we	
		Second States		
	CERTIFICATE OF IN	SERVICE INSPECT	TION	
the undersigned holding a valid commiss	ion issued by the Nati	onal Board of Boile	r and Pressure Vessel	Inspectors and the St
Province of Pennsylvania and a				
Hartford, Connecticut				e components describ
this Owner's Report during the period	2=20	-93 to	6-4-93	, and state th
the best of my knowledge and belief, the			taken corrective meas	ures described in this
wher's Report in accordance with the req	uirements of the ASME	Code, Section XI.		
By signing this certificate neither the Int	spector nor his employ	er makes any warra	anty, expressed or imp	blied, concerning the
aminations and corrective measures des				
hall be liable in any manner for any perso	nal injury or property of	pamage of a loss of	rany kino anang iron	I DI CONNECTED WITH IT
specifon.	7			
Mauthant	Commissions	PA 2497 LN&A		
Inspector's Signature			te, Province, and End	orsements
Date 4 JUNE19 93				

XI L2-92-010

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

1. Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 1910	01 Sheet1 of _2
Address	
2 Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0080464
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Compar</u> Name	Type Code Symbol StampN/A
	Authorization NoN/A
2301 Market Street, Philadelphia, PA 1910 Address	01 Expiration Date N/A
4. Identification of System 044 RWCU	Line No. DCC-203-1 DCC-203-H11
5. (a) Applicable Construction Code <u>ANSI B31.7</u> 196	9 Edition, March 10, 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repl	airs or Replacements 1986
6 Identification of Components Repaired or Replaced	and Replacement Components

ASME Code Repaired, Name of Name of Manufacturer National Other Year Replaced, or Stamped Component Manufacturer Serial No. Board No. Identification Replacement Built (Yes or No) (2) Nuts Nova Heat No. N/A \*114-92648 N/A Replacement No 56" - 6UNC Machine. 8079196 Threaded HUB, Inc. Heat No. NUA \*114-92563 N/A Replacement No Rod 8096740 %'x6"

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced catalog items on rigid support.

8. Tests conducted Hydrostatic [] Pneumatic [] Nominal Operating Pressure []

Other [X]

Pressure N/A psi Test Temp. N/A °F

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

(12/82)

XI L2-92-010 Sheet 2 of 2

# FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
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	APATRIALT AF ANIMALIANA
	CERTIFICATE OF COMPLIANCE
We certify that the statement	ts made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A Expiration Date N/A
10.	(+ 400
Signed L. L. Odym	at for Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	nee, Trie
	CERTIFICATE OF INSERVICE INSPECTION
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid co	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
r Province of Pennsylvania	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u>
Province of Pennsylvania Hartford, Connectici	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sti and employed by <u>H.S.B.I.&amp; I. Company</u> ut
r Province of <u>Pennsylvania</u> Hartford, Connectici h this Owner's Report during the pe	and employed by the National Board of Boiler and Pressure Vessel Inspectors and the St. and employed by <u>H.S.B.I.&amp; I. Company</u> ut
r Province of <u>Pennsylvania</u> Hartford, Connectici hithis Owner's Report during the pe	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St _and employed by <u>H.S.B.I.&amp; I. Company</u> ut
r Province of <u>Pennsylvania</u> Hartford, Connectica h this Owner's Report during the pe to the best of my knowledge and bei	and employed by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components describ riod <u>6-5-92</u> to <u>5-5-93</u> and state the
The Province of <u>Pennsylvania</u> Hartford, Connectica this Owner's Report during the pe to the best of my knowledge and be owner's Report in accordance with t	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>H.S.B.I.&amp; I. Company</u> ut
r Province of <u>Pennsylvania</u> <u>Hartford, Connectica</u> this Owner's Report during the pe to the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>H.S.B.I.&amp; I. Company</u> ut
r Province of <u>Pennsylvania</u> Hartford, Connection this Owner's Report during the per- the best of my knowledge and bei wher's Report in accordance with t By signing this certificate neither	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>H.S.B.I.&amp; I. Company</u> ut
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XI L2-92-117

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

Owner Philadelphia Electric Company Name	Date March 16, 1993			
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2			
Plant Limerick Generating Station Name	Unit LG2			
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0133361			
Address	Repair Organization P.O. No., Job No., etc.			
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A			
	Authorization No. N/A			
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A			
Identification of System 044 RWCU	Line No. DCC-203-1 044-2F005B			
(a) Applicable Construction Code <u>ASME III</u> 19 <u>71</u> Edition.	S-73_Addenda. N/ACode Case			
(b) Applicable Edition of Section XI Utilized for Repairs or Repl	acements 1986			

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
%" NPT Pipe Plug	Energy Steel	Heat No. 620TNA	N/A	*114-79169	N/A	Replacement	No

\*Traceability per PECo Part Code No.

7. Description of Work: Replaced commercial steel leakoff plug with ASME material and scal weld.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 F

NOTE. Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8.1/2 in. x.11 in., (2) information in items 1 through 6 on this report in included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

# FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statement ASME Code, Section XI.	s made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization, No	N/A Expiration Date N/A
Signed D. L. Schniel	tor Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	
Province of Pennsylvania	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sti and employed by <u>HS.B.1.&amp; 1 Company</u>
Province of Pennsylvania Hartford, Connecticu	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Str and employed by <u>HSB1&amp;1 Company</u> it have inspected the components describ
n this Owner's Report during the per o the best of my knowledge and beli	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sti and employed byHS.B.I.& I. Company
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XI L2-93-023

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

Owner Philadelphie Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0087481
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp N/A
Name	
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration DateN/A
Address	
Identification of System_044 RWCU	Line No. DBB-205-1 HV-044-2F039
(a) Applicable Construction Code ASME III 1971 Edition.	W-72 Addenda, 1622 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repla	coments 1986
Identification of Components Repaired or Replaced and Replac	이 가지 않는 것이 아니는 것이 같은 것이 같은 것이 같은 것이 같은 것이 같은 것이 같이 없다.

ASME Code Repaired, Stamped Year Replaced, or Name of Name of Manufacturer National Other Manufacturer Serial No. Board No. Identification Buitt Replacement (Yes or Component No) 14" NPT \*114-79171 Replacement No Bechtel, Inc. Heat No. N/A N/A Pipe Plug 0436 \*114-77439 N/A No Bearing Atwood & Heat No. N/A Replacement Morrill S2576 Cover Atwood & N/A \*114-77438 N/A Replacement No Stuffing Box Heat No. Morrill 91270 \*114-77448 N/A Disc Atwood & Heat No. NIA Replacement No Morrill B01B15680-A30103 N/A \*114-77440 N/A Replacement No Shaft Atwood & Heat No. Morrill 30059

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced end covers, disc, shaft, and post. Replaced and seal welded leakoff plug.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1300

psi Test Temp. N/A °F

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

(12/82)

## FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We certify that the statement ASME Code, Section XI.	ts made in the report are correct and this <u>replacement</u> conforms to the rules of the replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A Expiration Date N/A
Signed D.L. Solui	A for Maintenance Engineer Date March 16 . 19 93
	CERTIFICATE OF INSERVICE INSPECTION
r Province of Pennsylvania	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed byH.S.B.I.& i. Company
r Province of <u>Pennsylvania</u> Hartford, Connection	emmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by <u>H.S.B.I.&amp; i. Company</u> uthave inspected the components desc
r Province of <u>Pennsylvania</u> Hartford, Connection this Owner's Report during the pro- the best of my knowledge and be	emmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by <u>H.S.B.I.&amp; i. Company</u> uthave inspected the components desc
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1. Owner Philadelphia Electric Company		Date March 16, 1993	
Name			
2301 Market Street, Philadelphia	PA 19101	Sheet 1 of 2	
Address			
2. Plant Limerick Generating Station		Unit LG2	
Name			
P.O. Box 2300, Sanatoga, PA 19	464-2300	PECo - WO # C	0132999
Address		Repair Organization P.(	O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric</u> Name	Company	Type Code Symbol Stamp	N/A
		Authorization No	N/A
2301 Market Street, Philadelphia, Address	PA 19101	Expiration Date	N/A
I. Identification of System_047 Control Rod [	Drive	Line No. 20-S299-14-15	
5. (a) Applicable Construction Code ASME	11 1968 Edition W	V-69 Addenda, 1361-1	Code Case
(b) Applicable Edition of Section XI Utilized	for Repairs or Replace	ments 19 <u>86</u>	
Identification of Components Reneired of	Depleyed and Depleyer	and Composite	

Repaired, ASME Code Name of Name of Replaced, or Manufacturer National Other Year Stamped Component Manufacturer Serial No. Board No. Identification Built Replacement (Yes or No) C.R.D. General 4991 N/A N/A N/A Replacement Yes Electric Co. \*144-77788 (2) Cap General Heat No. N/A N/A Replacement No Screws 1' -Electric Co. 61811 8 x 51/6"

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced control rod drive and 2 cap screws.

8 Tests conducted Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-1 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package Applicable Manufacturer's Data Reports to be attached

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	CERTI	IFICATE OF COM	PLIANCE			
						e rules of the
We certify that the statement ASME Code, Section XI.	s made in the report a	ne correct and this	A Designment of the lot of the lot of the	cement conf replacement	IONNE IO UN	
Type Code Symbol Stamp	N/A					
Certificate of Authorization No	N/A	Expiration	Date	N/A		
signed DE Schwick	4 for Maintenan	ce Engineer Date	Merch	16	. 19	93
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the undersigned,holding a valid cor r Province of <u>Pennsylvania</u> <u>Hartlord, Connecticu</u> this Owner's Report during the per to the best of my knowledge and beli owner's Report in accordance with th By signing this certificate neither t xaminations and corrective measure	nmission issued by th and employed by <u>t</u> od <u>1-//-</u> ef,the Owner has perf- re requirements of the the inspector nor his e	e National Board of H.S.B.I.& I. Compa 23 ormed examination ASME Code, Sect employer makes ar	of Boiler an iny to ns and take tion XI.	nd Pressure Vesse have inspected t 5-11-93 en corrective mea y, expressed or im	the compo isures desc nplied, con	nents describ , and state th cribed in this cerning the
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## FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1. Owner <u>Philadelphia Electric Company</u> Name	Date March 16, 19	993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof	2
2. Plant Limerick Generating Station Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO Repair Organization	# C0132999 P.O. No., Job No., etc.
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Star	
2001 Mariat Duard Dhiladalahia DA (D104	Authorization No.	N/A N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
Identification of System 047 Control Rod Drive	Line No. 20-S299-14-23	
(a) Applicable Construction Code ASME III 1968 Edition.	N-69 Addenda, 1361-1	Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replace	ements 19 <u>86</u>	
Identification of Components Repaired or Replaced and Replacer	nent 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)
C.R.D.	General Electric Co.	4859	N/A	N/A	N/A	Replacement	Yes

7. Description of Work. Replaced control rod drive

Tests conducted	Hydrostatic [	] Pneumatic []	Nominal C	perating	Pressure [X]
of the state of th	1.13 PLI PLITERETTY I	1		and the second second	A A MARKAGE TAPI

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

8.

XI L2-92-109-2 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u>. Applicable Manufacturer's Data Reports to be attached

where we are a constructed on the state of the	
	CERTIFICATE OF COMPLIANCE
We certify that the statement ASME Code, Section XI	ts made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
Signed DL, School	4 for Maintenance Engineer Date March 16 . 19 93
Position of Carrier o Perceil	
	CERTIFICATE OF INSERVICE INSPECTION
	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by
or Province of <u>Pennsylvania</u> Hartford, Connectici	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.S.B.I.&amp; I. Company</u> of ut have inspected the components describe
or Province of <u>Pennsylvania</u> Hartford, Connectici n this Owner's Report during the pe	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.S.B.I.&amp; I. Company</u> of have inspected the components describe riod <u>1-11-93</u> to <u>5-11-93</u> and state that
or Province of <u>Pennsylvania</u> <u>Hartford, Connectici</u> in this Owner's Report during the pe to the best of my knowledge and bel	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.S.B.I.&amp; I. Company</u> of ut have inspected the components describe
or Province of <u>Pennsylvania</u> <u>Hartford, Connectici</u> in this Owner's Report during the pel io the best of my knowledge and bel Dwner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	and employed by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by <u>H.S.B.I.&amp; I. Company</u> of the second second the components described riod <u>1-//-9.3</u> to <u>5-//-9.3</u> , and state that lief, the Owner has performed examinations and taken corrective measures described in this
or Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> n this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any nspection.	And employed by <u>HSB1.&amp;1 Company</u> of have inspected the components described in this described in this described in this he requirements of the ASME Code, Section XI. The inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this Commissions. PA 2497 I,N&A
or Province of <u>Pennsylvania</u> <u>Hartford, Connectici</u> in this Owner's Report during the pe to the best of my knewledge and be Dwner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	the inspector nor his employer makes any warranty, expressed or implied, concerning the estades described in this Owner's Report. Furthermore, neither the inspector nor his employer $1 = 1 = 1000 \text{ m}^2$
or Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> in this Owner's Report during the pe- to the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any inspection.	Immission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stagend employed by HSB1&1 Company       or         Image: the implexed by HSB1&1 Company       Image: the implexed the components described in the implexed the components described in this he requirements of the ASME Code, Section XI.       Image: the implexed the concerning the esidescribed in this Owner's Report. Furthermore, neither the inspector nor his employer general injury or property damage or a loss of any kind arising from or connected with this Commissions         PA 2497 I,N&A       Image: the Image:

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

Owner	Philadelphia Electric Company Name	Date March 16,	1993
	2301 Market Street, Philadelphia, PA 19101 Address	Sheetof	2
Piant	Limerick Generating Station Name	UnitLG2	
	P.O. Box 2300, Sanatoga, PA 19464-2300 Address	a contraction of the second se	) # C0132999 on P.O. No., Job No., etc.
Work P	enformed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Sta	amp <u>N/A</u>
		Authorization No.	N/A
	2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
. Identific	ation of System_047 Control Rod Drive	Line No. 20-S299-14-31	
(a) App	licable Construction Code ASME III 1968 Edition.	W-69 Addenda_1361	1 Code Case
(b) App	licable Edition of Section XI Utilized for Repairs or Repla	cements 1986	
Identific	ation of Components Repaired or Replaced and Replace	ament 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)
C.R.D.	General Electric Co.	4866	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8	Tests conducted	Hydrostetic 11	Popumatio 11	Nominal Operating Pressure D	ĸn.
1961	LENDER FULLERMENTED	1 TY WI WEREATH	L LINDPLIZIONENTY 1	Lanumen Photenuille Liensenie Iv	M. S. 1

Other [] Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

XI L2-92-109-3 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statemer ASME Code, Section XI	nts made in the report are correct and this <u>replacement</u> conforms to the rules of
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
stream in the second is a second in the second seco	11
Signed D.L. Schmac Owner or Owner's Desi	
Owner or Owner's Desi the undersigned,holding a valid or	CERTIFICATE OF INSERVICE INSPECTION
, the undersigned, holding a valid or or Province ofPennsylvania	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed byH.S.B.I.& I. Company
Owner or Owner's Designed, holding a valid or	CERTIFICATE OF INSERVICE INSPECTION  Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta _and employed by
Owner or Owner's Desi the undersigned,holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> c have inspected the components describe
Owner or Owner's Desi the undersigned, holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> h this Owner's Report during the pe o the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither ixaminations and corrective measure	gnee, Title         CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of nut         have inspected the components describe unit         have inspected the components describe ind <u>J-J/-93</u> to <u>5-1/-93</u> and state the diff.the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.         The Inspector nor his employer mekes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer
Owner or Owner's Desi the undersigned,holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> h this Owner's Report during the pe to the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither xaminations and corrective measure hall be liable in any manner for any	<u>CERTIFICATE OF INSERVICE INSPECTION</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> <u>Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by <u>H.S.B.I.&amp; I. Company</u> of <u>have inspected the components described in the state that interference of the ASME Code. Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the inspector nor his employer (personal injury or property damage or a loss of any kind arising from or connected with this owner's report.</u></u>
Owner or Owner's Desi the undersigned, holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> h this Owner's Report during the pe o the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither ixaminations and corrective measure	gnee, Title         CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of nut         have inspected the components describe unit         have inspected the components describe ind <u>J-J/-93</u> to <u>5-1/-93</u> and state the diff.the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.         The Inspector nor his employer mekes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer

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

Owner Philadelphia Electric Company	Date March 16, 1993	
Name		
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2	
Plant Limerick Generating Station	Unit LG2	
Name		
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C	0132999
Address	Repair Organization P.C	). No., Job No., etc.
Work Performed by	Type Code Symbol Stamp	N/A
	Authorization No.	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
Identification of System_047 Control Rod Drive	Line No. 20-S299-18-31	
(a) Applicable Construction Code ASME III 1968 Edition,	W-69 Addenda, 1361-1	Code Cas

ASME Code Repaired. Name of Name of Manufacturer National Other Year Replaced, or Stamped Component Manufacturer Serial No. Board No. Identification Buitt Replacement Nes or No) C.R.D. General 4896 N/A N/A N/A Replacement Yes Electric Co.

6. Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work: Replaced control rod drive.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-4 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u> Applicable Manufacturer's Data Reports to be attached

A DESCRIPTION OF A DESC							and the second		
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section XI. repair or replacement Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>D. Main (for Maintenance Engineer Date March 16</u> 19 93 Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Board of Bolier and Pressure Vessel Inspectors and the  Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> <u>1-11-93</u> to <u>5-11-93</u> , and sta		en formellen i den en alle a fri Manne den Berken and							
ASME Code, Section XI. repair or replacement          Type Code Symbol Stamp       N/A         Certificate of Authorization No       N/A         Expiration Date       N/A         Signed       Signed         Owner or Owner's Designee, Title       19         CERTIFICATE OF INSERVICE INSPECTION         the undersigned.holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the Province of Pennsylvania and employed by HSB.1&1 Company         Hartford, Connecticut         have inspected the components denoted by the period				CERTIFICAT	E OF COM	PLIANCE			
ASME Code, Section XI. repair or replacement          Type Code Symbol Stamp       N/A         Certificate of Authorization No       N/A         Expiration Date       N/A         Signed       Signed         Owner or Owner's Designee, Title       19         CERTIFICATE OF INSERVICE INSPECTION         the undersigned.holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the Province of Pennsylvania and employed by HSB.1&1 Company         Hartford, Connecticut         have inspected the components denoted by the period	We car	tity that the statement	te mada in the n	anod are com	and and this	ennie	noment no	ntorme to the	nular of the
Certificate of Authorization No. N/A Expiration Date N/A Signed Difficult for Maintenance Engineer Date March 16 19 93 Owner or Owner's Designee, Tatle  CERTIFICATE OF INSERVICE INSPECTION  the undersigned holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and th Province of Pennsylvania and employed by H.S.B.I.& I Company Hartford, Connecticut have inspected the components der this Owner's Report during the period 1-11-93 to 5-11-93 and sta				oponic and course	in and the		CONTRACTOR AND INCOME AND ADDRESS OF ADDRESS OF ADDRESS.	inormo ie in	FUIDD OF LITE
Signed DISUME for Maintenance Engineer Date March 16 19 93 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel inspectors and th r Province of Pennsylvania and employed by H.S.B.I.& I Company Hartford, Connecticut have inspected the components der i this Owner's Report during the period 1-11-93 to 5-11-93 and sta	lype Code Syr	mbol Stamp	N/A						
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the Province of Pennsylvania and employed by H.S.B.I.& I Company         Hartford, Connecticut         Hartford, Connecticut         this Owner's Report during the period	Certificate of Ar	utnorization No.	N/A		Expiration	Date	N/A		
CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the revince of	Sector Constant and	1. Selvis		ntenance Engi	neer Date	March	16	. 19	93
the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and th Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> this Owner's Report during the period <u>I-11-93</u> to <u>5-11-93</u> and sta									
Province of Pennsylvania         and employed by         H.S.B.I.& I Company           Hartford, Connecticut         have inspected the components dei           this Owner's Report during the period         1-11-93         to         5-/11-93         and sta									
Hartlord, Connecticut have inspected the components dei this Owner's Report during the period 1-11-93 to 5-11-93 and sta			CERTIFI	CATE OF INS	ERVICE IN	ISPECTIC	R		
this Owner's Report during the period 1-11-93 to 5-11-93 and sta			ommission issued	d by the Natio	nai Board c	d Boller a		sel inspector	s and the Sta
		Pennsylvania	mmission issued	d by the Natio	nai Board c	d Boller a	nd Pressure Ves		0
In the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in wher'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 takaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with spectron.	Province of	Pennsylvania Hartford, Connecticu Report during the per	ommission issued and employed ut riod	by the Nation by <u>H.S.B.I.4</u> 1-11-93	nal Board c § I. Compa	of Boller a ny to	have inspected	the compor	or nents describe and state that
It is a second s	t Province of this Owner's I the best of m wher's Report By signing th karninations an hall be liable in	Pennsylvania Hartford, Connecticu Report during the per y knowledge and beli in accordance with th his certificate neither his corrective measure	ommission issued and employed ut nod lief,the Owner ha he requirements the inspector no es described in to personal injury	by the Nation by <u>H.S.B.I.4</u> <u>I-11-93</u> as performed e of the ASME of the ASME by his employe his Owner's R or property de	nai Board c <u>§ I. Compa</u> examination Code, Sect r makes an eport. Funt amage or a	of Boiler any to is and tak ion XI. y warranth hermore, loss of ar	have inspected 5-//-93 en corrective me or expressed or in neither the inspe	the compor assures desc implied, cont actor nor his	or nents describe and state tha ribed in this cerning the employer
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Inspector's Signature Commissions PA 2497 I,N&A National Board, State, Province, and Endorsements Date 11 MAY19 23	Province of this Owner's I the best of m wher's Report By signing th kaminations an hall be liable in spection Inspector	Pennsylvania Hartford, Connecticu Report during the per y knowledge and beli in accordance with th his certificate neither th d corrective measure h any manner for any her Signature	ommission issued and employed ut riod lief, the Owner he he requirements the Inspector no es described in the personal injury Comr	by the Nation by <u>H.S.B.14</u> <u>I-11-93</u> as performed e of the ASME of the ASME by his employe his Owner's R or property de missions <u>P</u>	nal Board o <u>8 I. Compa</u> examination Code, Sect r makes an eport. Furt amage or a A 2497 I,N8	of Boiler a ny to is and tak ion XI. y warranth hermore, loss of ar	have inspected 5-//-93 en corrective me y, expressed or in neither the inspe- ny kind arising fr	the compor asures desc implied, com actor nor his om or conna	o nents describe and state tha ribed in this ribed in this cerning the employer inted with this

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0132999
Address	Repair Organization P.O. No., Job No., etc.
Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp N/A
Name	
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
Identification of System 047 Control Rod Drive	Line No. 20-S299-22-15
(a) Applicable Construction Code ASME III 1968 Edition, 1	W-69 Addenda, 1361-1 Code Car
(b) Applicable Edition of Section XI Utilized for Repairs or Replac	cements 1986
Identification of Components Repaired or Replaced and Replace	

Repaired. ASME Code Name of Name of Manufacturer National Other Year Replaced, or Stamped Component Manufacturer Serial No. Board No. Identification Replacement Built (Yes or No) C.R.D. General 5052 N/A N/A N/A Replacement Yes Electric Co. Heat No. (2) Cap General N/A \*114-77788 N/A Replacement No Screws 1" -Electric Co. 61811 8 x 51/2\*

\*Traceability per PECo Part Code No.

7. Description of Work. Replaced control rod drive and 2 cap screws.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-5 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u>. Applicable Manufacturer's Data Reports to be attached

	C	ERTIFICATE OF C	MPLIANCE			
		CHINICATE OF C	JMIT LIMITUE			
We certify that the statemer ASME Code, Section XI.	its made in the rep	ort are correct and	- and the second s	acement c r replacement	onforms to the	rules of the
Type Code Symbol Stamp	N/A					
Certificate of Authorization No.	N/A	Expir	tion Date	N/A		
Signed D.L. Suit		anance Engineer I	ate March	16	. 19	93
	MINDE, INTO					
		ATE OF INSERVIC				
the undersigned,holding a valid or r Province of <u>Pennsylvania</u> Hartford, Connectic	ommission issued t and employed b ut	by the National Bo	rd of Boiler a ipany	ind Pressure Ve	esel inspector	0
the undersigned,holding a valid or Province of <u>Pennsylvania</u> Hartford, Connectic this Owner's Report during the pe	ommission issued t _erid employed b ut priod/	by the National Boi yH.S.B.I.& I Co -//-93	rd of Boiler a ipany to	have inspects	ed the compor	o nents describe and state the
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the undersigned, holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing this certificate neither carninations and corrective measur built be 'lable in any manner for any	ommission issued I and employed b ut riod/ lief,the Owner has the requirements of the Inspector nor es described in thi	by the National Boy <u>H.S.B.I.&amp; I</u> Co <u>-//-93</u> performed examin the ASME Code, his employer make s Owner's Report.	to to tailer a to tailection XI.	have inspecte have inspecte 5-//-23 cen corrective n by, expressed of neither the Insp	the compor neasures desc implied, cont pector nor his	o nents describe and state the ribed in this cerning the employer
the undersigned, holding a valid or province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> n this Owner's Report during the pe o the best of my knowledge and be Owner's Report in accordance with t	ommission issued I and employed b ut riod/ lief,the Owner has the requirements of the Inspector nor es described in thi	by the National Boy <u>H.S.B.I.&amp; I</u> Co <u>-//-93</u> performed examin the ASME Code, his employer make s Owner's Report.	to to tailer a to tailection XI.	have inspecte have inspecte 5-//-23 cen corrective n by, expressed of neither the Insp	the compor neasures desc implied, cont pector nor his	nents descrit and state th ribed in this cerning the employer

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

I. Owner	Philadelphia Electric Company	Date March 16, 1993	
	Name		
	2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2	
	Address		
2. Plant	Limerick Generating Station	Unit LG2	
	Name		
	P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # CO	132999
	Address	Repair Organization P.O	No., Job No., etc.
3. Work P	enformed by Philadelphia Electric Company Name	Type Code Symbol Stamp	N/A
		Authorization No	N/A
	2301 Market Street, Philadelphia, PA 19101	Expiration Cate	N/A
	Address		
. Identifie	ation of System_047 Control Rod Drive	Line No. 20-5299-22-23	
	licable Construction Code ASME III 1968 Edition.	W-69 Addenda, 1361-1	Code Cas

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	5169	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 F

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

(12/82)

XI L2-92-109-6 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statemen ASME Code, Section XI.	its made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A Expiration Date N/A
signed D.L.S.Rin	Left for Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	CERTIFICATE OF INSERVICE INSPECTION
the undersigned,holding a valid co	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by H.S.B.L& L Company
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St _and employed by <u>H.S.B.I.&amp; I. Company</u> uthave inspected the components describ
the undersigned,holding a valid co Province of <u>Pennsylvania</u> Hartford, Connectic this Owner's Report during the pe the best of my knowledge and be	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>H.S.B.I.&amp; I. Company</u> uthave inspected the components describ
the undersigned,holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> this Owner's Report during the pe the best of my knowledge and be wner's Report in accordance with t By signing this certificate neither kaminations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St _and employed by <u>H.S.B.1.8.1. Company</u> uthave inspected the components described iniod <u>1-11-93</u> to <u>6-8-93</u> , and state the lifet, the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer
the undersigned,holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> this Owner's Report during the pe the best of my knowledge and be wner's Report in accordance with t By signing this certificate neither kaminations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St _and employed by <u>H.S.B.1.8.1. Company</u> uthave inspected the components described iniod <u>1-11-9.3</u> to <u>6-8-93</u> , and state the lifet the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the

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

1. Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0132999
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp N/A
Name	
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date N/A
Address	
I. Identification of System_047 Control Rod Drive	Line No. 20-5299-22-31
6. (a) Applicable Construction Code ASME III 1968 Edit	tion, W-69 Addenda 1361-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or	Replacements 1986
Identification of Components Repaired or Replaced and R	enlessment Comportante

Repaired. ASME Code Name of Name of Manufacturer National Other Year Replaced, or Stamped Component Manufacturer Serial No. Board No. Identification Built Replacement (Yes or No) C.R.D. General 7135 N/A N.A N/A Replacement Yes Electric Co. (2) Cap General Heat No. N/A \*114-77788 N/A Replacement No Screws 1" -Electric Co. 61811 8 x 51/2"

\*Traceability per PECo Part Code No.

7. Description of Work. Replaced control rod drive and 2 cap screws.

#### 8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other []

Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

 $\mathcal{A}_{22}$ 

XI L2-92-109-7 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CEI	RTIFICATE OF COMPI	LIANCE			
We certify that the statemen ASME Code, Section XI. Type Code Symbol Stamp	its made in the repoi		replaceme repair or repla	COLUMN DE LA CALCOLINA DE LA C	orms to the	rules of the
Certificate of Authorization No.	N/A	Expiration [	Date N	/A		
signed D.L.Schri	. (+ to Maintan	ance Engineer Date	March	1	19	93

CEF	TIFICATE OF INSERVIC	E INSPEC	CTION	
the undersigned,holding a valid commission in	ssued by the National Bo	ard of Boil	ier and Pressure Vessel ins	spectors and the State
or Province of Pennsylvania and empl Hartford, Connecticut			have inspected the c	omponents described
n this Owner's Report during the period	1-11-93	to	5-11-93	, and state that
Owner's Report in accordance with the requirem By signing this certificate neither the Inspect	or not his employer make	es any war		and the second

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

1. OwnerPhiladelphia Electric Company	Date March 16, 1993	
Neme		
2301 Market Street, Philadelphia, PA 19101 Address	Sheet <u>1</u> of 2	
2. Plant Limerick Generating Station Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # C Repair Organization P	Concerning and the second s
Autoress	repair organization ro	C. 140., 200 140., etc.
Name Name	Type Code Symbol Stamp_	N/A
	Authorization No	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
Identification of System 047 Control Rod Drive	Line No. 20-5299-22-47	<u>der Dictore</u>
(a) Applicable Construction Code ASME III 1968 Edition.	W-69 Addenda, 1361-1	Dode Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repl	acements 19 <u>86</u>	
Identification of Components Repaired or Replaced and Repla		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co	4733	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

XI L2-92-109-8 Sheet 2 of 2

# FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE         Vecentify that the statements made in the report are correct and thisreplacementconforms to the rules of the statements XSME Code, Section XI.         Type Code Symbol Stamp					
We certify that the statements made in the report are correct and this					
We certify that the statements made in the report are correct and this					
ASME Code, Section XI.  Type Code Symbol Stamp		CERTIF	ICATE OF COMPLIA	ANCE	
Certificate of Authorization NoN/AExpiration DateN/A	the second s	s made in the report an		mentantia da managementa da da ta pada realmente da series.	orms to the rules of the
Signed       Signed	ype Code Symbol Stamp	N/A			
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S         Province of	ertificate of Authorization No.	N/A	Expiration Da	te N/A	
CERTIFICATE OF INSERVICE INSPECTION         the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S         Province of Pennsylvania and employed by HSB1&1. Company       have inspected the components described in this Owner's Report during the period	Contractive contra		e Engineer Date _M	arch 16	19 93
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S Province of Pennsylvania and employed by HS.B.1.8.1, Company Hartford, Connecticut have inspected the components described in this Owner's Report during the period 1-11-93 to 5-11-93 and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this wher'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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer is all be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection. Commissions PA 2497 I,N&A	Champer of Champer & Depuis	nee inte			
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S Province of Pennsylvania and employed by HSB181, Company Hartford, Connecticut have inspected the components described in this Owner's Report during the period 1-11-93 to 5-11-93 and state 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 aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer all be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection. Commissions PA 2497 I,N&A	white of other body				
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the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S Province of Pennsylvania and employed by H.S.B.I.& I, Company Hartford, Connecticut have inspected the components described this Owner's Report during the period <u>1-11-73</u> to <u>5-11-73</u> and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this winer'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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the repection. Commissions PA 2497 I,N&A					
Province of Pennsylvania and employed by H.S.B.1& I, Company Hartford, Connecticut have inspected the components described in this Owner's Report during the period <u>1-11-93</u> to <u>5-11-93</u> , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this wher'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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer ball be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.	Since of Contract & Contract				
Hartford, Connecticut       have inspected the components described         this Owner's Report during the period       1-11-93       to       5-11-93       and state the         the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this wher'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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer ball be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.         Outcound Content of the Commissions       PA 2497 1,N&A			OF INSERVICE INSPI	ECTION	
this Owner's Report during the period <u>1-11-93</u> to <u>5-11-93</u> and state the best of my knowledge and belief,the Owner has performed examinations and taken corrective measures described in this wher'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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer is all be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.		CERTIFICATE C			el inspectors and the St
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By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the aminations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer is all be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.	the undersigned,holding a valid co Province of <u>Pennsylvania</u> Hartford, Connecticu this Owner's Report during the per	CERTIFICATE C mmission issued by the and employed by <u>H</u> t	National Board of Bo S.B.I.& I. Company /- 73 to	have inspected t	the components describ , and state th
aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.	the undersigned, holding a valid co Province of <u>Pennsylvania</u> Hartford, Connectiou this Owner's Report during the per the best of my knowledge and bei	CERTIFICATE C mmission issued by the and employed by <u>H</u> t iod <u>J-J</u>	National Board of Bo S.B.I.& I. Company 1-93 to rmed examinations at	have inspected the set of the set	the components describ , and state th
sall be liable in any mariner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.	the undersigned, holding a valid co Province of <u>Pennsylvania</u> Hartford, Connectiou this Owner's Report during the per the best of my knowledge and bei	CERTIFICATE C mmission issued by the and employed by <u>H</u> t iod <u>J-J</u>	National Board of Bo S.B.I.& I. Company 1-93 to rmed examinations at	have inspected the set of the set	the components descrit , and state th
Spection. Autolaleriaci & Commissions PA 2497 1,N&A	the undersigned, holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wner's Report in accordance with the By signing this certificate neither	CERTIFICATE C mmission issued by the and employed by <u>H</u> t iod <u>J-J</u> ef,the Owner has perfo requirements of the J the inspector nor his er	National Board of Bo S.B.I.& I. Company //- 23 to rmed examinations at ASME Code, Section nployer makes any w	have inspected the set of the set	the components describ , and state th sures described in this applied, concerning the
	the undersigned holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wner's Report in accordance with the By signing this certificate neither aminations and corrective measure	CERTIFICATE C mmission issued by the and employed by <u>H</u> t iod <u>J-J</u> ef,the Owner has perfo re requirements of the J the inspector nor his er s described in this Own	National Board of Bo S.B.I.& I. Company //- 23 to_ rmed examinations at ASME Code, Section nployer makes any w her's Report. Further	have inspected t <u>5-11-93</u> nd taken corrective mea XI. arranty, expressed or in more, neither the Inspec	the components describ , and state th sures described in this nplied, concerning the tor nor his employer
Inspector & Signature National Board, State, Province, and Endorsements	the undersigned holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wher's Report in accordance with the By signing this certificate neither caminations and corrective measure tall be liable in any mariner for any	CERTIFICATE C mmission issued by the and employed by <u>H</u> t iod <u>J-J</u> ef,the Owner has perfo re requirements of the J the inspector nor his er s described in this Own	National Board of Bo S.B.I.& I. Company //- 23 to_ rmed examinations at ASME Code, Section nployer makes any w her's Report. Further	have inspected t <u>5-11-93</u> nd taken corrective mea XI. arranty, expressed or in more, neither the Inspec	the components describ , and state th sures described in this nplied, concerning the tor nor his employer
	the undersigned holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wner's Report in accordance with th By signing this certificate neither aminations and corrective measure iall be liable in any mariner for any	CERTIFICATE C mmission issued by the and employed by <u>H</u> t iod <u>H</u> et,the Owner has perfo re requirements of the <i>J</i> the inspector nor his er s described in this Own personal injury or prop	National Board of Bo S.B.1.8 I. Company //- 73 to_ rmed examinations at ASME Code, Section mployer makes any w her's Report. Further erty damage or a loss	have inspected t <u>5-11-93</u> nd taken corrective mea XI. arranty, expressed or in more, neither the Inspec	the components describ , and state th sures described in this nplied, concerning the tor nor his employer

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

Date March 16, 1993	
Sheet 1 of 2	
Unit LG2	
PECo - WO # C	27.32999
Repair Organization P.	O. No., Job No., etc.
Type Code Symbol Stamp_	N/A
Authorization No	N/A
Expiration Date	N/A
Line No. 20-S299-26-27	
S-73 Addende 1361-2	Code Case
	Constant and a local distances of the local d
	Sheet of _2 Unit PECo - WO # 0 Repair Organization P. Type Code Symbol Stamp_ Authorization No Expiration Date

Name of Component	Name of Manufacturer	Manufecturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	A8364	N/A	N/A	N/A	Replacement	Yes

6. Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work: Replaced control rod drive

Taste constants	Interdependentia 7.1	Donumatic 71	Ringing Constine	Brancine IVI
Tests conducted:	riyalosume []	Luenware []	Nominal Operating	Liezenie [v]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

8.

XI L2-92-109-9 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u> Applicable Manufacturer's Data Reports to be attached

	CER	TIFICATE OF COMPL	IANCE	
We certify that the statemen ASME Code, Section XI.	ts made in the repor		replacement epair or replacement	_ conforms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No	N/A	Expiration D	ate <u>N/A</u>	
Signed D.L. Schund	for Mainteni	ance Engineer Date N	March 16	19 93

CE	ERTIFICATE OF INSE	RVICE INSPEC	CTION	
the undersigned, holding a valid commission	issued by the Nationa	Board of Boil	ler and Pressure Vessel I	inspectors and the Stat
r Province of Pennsylvania and emp				01
Hartford, Connecticut				components described
n this Owner's Report during the period	1-11-9.3	10	6-8-93	and state that
o the best of my knowledge and belief,the Ow	vher has performed ex	aminations and	d taken corrective measu	end state that ires described in this
n this Owner's Hepott during the period o the best of my knowledge and belief,the Ow Owner's Report in accordance with the require	vher has performed ex	aminations and	d taken corrective measu	, and state that ires described in this
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1. Owner <u>Philadelphia Electric Company</u> Name	Date March 16, 1993	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2	
2. Plant Limerick Generating Station Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # Ct Repair Organization P.C	Physics of the West Statement of the second spectra is an initial spectra in the second s
8. Work Performed by <u>Philadelphis Electric Company</u> Name	Type Code Symbol Stamp	N/A
	Authorization No.	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
I identification of System 047 Control Rod Drive	Line No. 20-5299-26-31	
5. (a) Applicable Construction Code ASME III 1971 Edition, S-73	Addenda, 1361-2	Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replaceme	nts 19 <u>86</u>	
Identification of Components Repaired or Replaced and Replacemen	t Components	

Repaired, ASME Code Name of Name of Replaced, or Manufacturer National Other Year Stamped Component Manufacturer Identification Replacement Serial No. Board No. Built (Yes or No) C.R.D. General A6968 N/A N/A N/A Replacement Yes Electric Co.

7 Description of Work: Replaced control rod drive.

Tests conducted:	hibedependenties [ ]	Depumptio (1)	Manipul Departure Departure D	100
I DOLD DURDUNDED.	riyurostatic []	Lugnumeric []	Nominal Operating Pressure []	63

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

8.

XI L2-92-109-10 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report in attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statement ASME Code, Section XI.	is made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization Ng	N/A Expiration Date N/A
Signed D. S. Ruis	f tor Maintenance Engineer Date March /6 . 19 93
Owner or Owner's Desig	nee Title
Owner of Owner's Desig	
Gwiter of Gwiter's Desig	
the undersigned,holding a valid co r Province ofPennsylvania	CERTIFICATE OF INSERVICE INSPECTION minission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> o
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> Hartford, Connecticu	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> o
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> n this Owner's Report during the per	CERTIFICATE OF INSERVICE INSPECTION minission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.1&1. Company of the matching to C-8-93 and state the
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per o the best of my knowledge and bei	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> o
the undersigned,holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bei wher's Report in accordance with th By signing this certificate neither xaminations and corrective measure hall be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid co r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per to the best of my knowledge and beli wher's Report in accordance with the By signing this certificate neither xaminations and corrective measure hall be liable in any manner for any ispection.	CERTIFICATE OF INSERVICE INSPECTION minission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1&amp;1. Company</u> of the massed of the components described ind <u>1-11-93</u> to <u>6-8-93</u> and state the ief,the Owner has performed examinations and taken corrective measures described in this he requirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the
the undersigned, holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> In this Owner's Report during the per o the best of my knowledge and beil owner's Report in accordance with the By signing this certificate neither xaminations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION

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

Owner Philadelphia Electric Company	Date March 16, 199	13
Name		
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2	
Adúress		
Plant Limerick Generating Station	Unit LG2	
Name		
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO #	C0132999
Address	Repair Organization F	P.O. No., Job No., etc.
. Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp	N/A
Name		
	Authorization No.	N/A
2301 Market Street, Philadelphia, PA 19101	Expiration Date	N/A
Address		
Identification of System 047 Control Rod Drive	Line No. 20-5299-26-39	
(a) Applicable Construction Code <u>ASME III</u> 19 <u>68</u> Edition.	W-69 Addenda, 1361-1	Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repla	cements 1986	
Identification of Components Repaired or Replaced and Replaced	and the second second	

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)
C.R.D.	General Electric Co.	4917	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-11 Sheet 2 of 2

# FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF	COMPLIANCE		
We certify that the statements mad ASME Code, Section XI.	de in the report are correct a	the second	cement conf replacement	orms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization NoI	N/A Exp	iration Date	N/A	
	for Maintenance Engineer	Date March	16	. 19 93
Owner or Owner's Designee, 1	Inie			
Owner or Owner's Designee, 1				
Owner or Owner's Designee, T the undersigned,holding a valid commiss r Province of Pennsylvania and	CERTIFICATE OF INSERV	loard of Boiler ar		
the undersigned,holding a valid commiss	CERTIFICATE OF INSERV	loard of Boiler ar	nd Pressure Vesse	el Inspectors and the Sta
the undersigned,hoiding a valid commise Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period	CERTIFICATE OF INSERV sion issued by the National E employed by <u>H.S.B.I.&amp; I.C.</u> /~//~ 23	to to	have inspected t	c the components describ and state the
the undersigned,holding a valid commiss r Province of <u>Pennsylvania</u> and	CERTIFICATE OF INSERV sion issued by the National E employed by <u>H.S.B.I.&amp; I.C.</u> /-//- 23 Owner has performed exam	to	have inspected t	the components describ and state th
the undersigned,holding a valid commise r Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the req By signing this certificate neither the In xaminations and corrective measures des	CERTIFICATE OF INSERV sion issued by the National E employed by <u>HSB1&amp;1 C</u> <u>/-//- 23</u> Owner has performed exam juirements of the ASME Codi spector nor his employer ma oribed in this Owner's Repor	to	hd Pressure Vesse have inspected t 5-//-93 en corrective mea /, expressed or im neither the Inspec	the components describ and state this sures described in this aplied, concerning the tor nor his employer
the undersigned,hoiding a valid commiss (Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wner's Report in accordance with the req By signing this certificate neither the In	CERTIFICATE OF INSERV sion issued by the National E employed by <u>HSB1&amp;1 C</u> <u>/-//- 23</u> Owner has performed exam juirements of the ASME Codi spector nor his employer ma oribed in this Owner's Repor	to	hd Pressure Vesse have inspected t 5-//-93 en corrective mea /, expressed or im neither the Inspec	the components describ and state this sures described in this aplied, concerning the tor nor his employer
the undersigned,hoiding a valid commise Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wner's Report in accordance with the req By signing this certificate neither the In kaminations and corrective measures des nall be liable in any ganner for any perso	CERTIFICATE OF INSERV sion issued by the National E employed by <u>HSB1&amp;1 C</u> <u>/-//- 23</u> Owner has performed exam juirements of the ASME Codi spector nor his employer ma oribed in this Owner's Repor	to to Boiler an to to to take inations and take section XI. kes any warranty t. Furthermore, n te or a loss of an	hd Pressure Vesse have inspected t 5-//-93 en corrective mea /, expressed or im neither the Inspec	the components describ and state this sures described in this aplied, concerning the tor nor his employer
the undersigned,hoiding a valid commise Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wner's Report in accordance with the req By signing this certificate neither the In kaminations and corrective measures des nall be liable in any ganner for any perso	CERTIFICATE OF INSERV sion issued by the National E employed by <u>HSBI&amp;IC</u> <u>/-//-93</u> Owner has performed exam juirements of the ASME Codi spector nor his employer ma oribed in this Owner's Repor mal injury or property damage Commissions PA 249	to	hd Pressure Vesse have inspected t 5-//-93 en corrective mea /, expressed or im neither the Inspec	the components describ , and state this sures described in this aplied, concerning the tor nor his employer m or connected with this

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

Owner Philadelphia Electric I	Company	Date	March 16, 1993	Contract of the second state of the second sta
Nar	ne			
stands of a concernent sector and a sector of an end of the sector of th	hiladelphia, PA 19101 fress	Sheet	1of2	
Plant Limerick Generating S	straight the work of the second state of the second state of the second state of the second state of the second	Unit	LG2	
Nar P.O. Box 2300, Sanati			PECo - WO # CO	132999
	irese	Rep	air Organization P.O	No., Job No., atc.
Work Performed by Philadel	The second s	Type Cor	de Symbol Stamp	N/A
		Authoriza	tion No	N/A
the second s	hiladelphia, PA 19101 Ireos	Expiration	n Date	N/A
Identification of System 047 C	ontrol Rod Drive	Line No 1	20-5299-30-19	
In American's Constant Sec.	de ASME III 1968 Edition.	W-R9 Ad	denda, 1361-1	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)
C.R.D	General Electric Co.	4828	N/A	N/A	N/A	Replacement	Yes
							683.8

6. identification of Components Repaired or Replaced and Replacement Components

7. Description of Work: Replaced control rod drive.

8. Tests conducted. Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u>. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statements n ASME Code, Section XI.	ade in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
signed DL.Schmick	for Maintenance Engineer Date March 16
Owner or Owner's Designer	CERTIFICATE OF INSERVICE INSPECTION
the undersigned,holding a valid comm r Province ofPennsylvaniaar	CERTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta d employed byH.S.B.I.& I. Company
the undersigned,holding a valid comm r Province of <u>Pennsylvania</u> ar Hartford, Connecticut	CERTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta d employed by <u>H.S.B.I.&amp; I. Company</u> o have inspected the components describe
the undersigned,holding a valid comm r Province of <u>Pennsylvania</u> ar <u>Hartford, Connecticut</u> this Owner's Report during the period to the best of my knowledge and belief,t	CERTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta d employed by <u>H.S.B.I.&amp; I. Company</u> o have inspected the components describe
the undersigned,holding a valid common Province of <u>Pennsylvania</u> an <u>Hartford, Connecticut</u> In this Owner's Report during the period to the best of my knowledge and belief,t Owner's Report in accordance with the r By signing this certificate neither the examinations and corrective measures d hall be liable in any memory for any per-	CERTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta d employed by <u>H.S.B.I.&amp; I. Company</u> o have inspected the components describe <u>1-/1-93</u> to <u>3-/1-93</u> and state the he Owner has performed examinations and taken corrective measures described in this equirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning the escribed in this Owner's Report. Furthermore, neither the Inspector nor his employer
the undersigned,holding a valid comm r Province of <u>Pennsylvania</u> ar <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,t wher's Report in accordance with the r By signing this certificate neither the xaminations and corrective measures d hall be liable in any memory for any per-	CERTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta d employed by <u>H.S.B.I.&amp; I. Company</u> o have inspected the components described <u>1-11-93</u> to <u>3-11-93</u> and state tha he Owner has performed examinations and taken corrective measures described in this equirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning the escribed in this Owner's Report. Furthermore, neither the Inspector nor his employer sonal injury or property damage or a loss of any kind mising from or connected with this
the undersigned,holding a valid comm r Province of <u>Pennsylvania</u> ar <u>Hartford, Connecticut</u> this Owner's Report during the period to the best of my knowledge and belief,t wher's Report in accordance with the r By signing this certificate neither the xeminations and corrective measures d	CERTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta d employed by <u>H.S.B.I.&amp; I. Company</u> o have inspected the components described <u>1-11-93</u> to <u>3-11-93</u> and state tha the Owner has performed examinations and taken corrective measures described in this equirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning the

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

1. Owner Philadelphia Electric Company	Date March 16, 1993	
Name		
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2	
Address		
2 Plant Limerick Generating Station	Unit LG2	
Name		
P.O. Box 2300, Sanatoga, PA 19454-2300	PECo - WO # C	0132999
Address	Repair Organization P.C	D. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp	N/A
	Authorization No	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
NUMBE		
4. Identification of System 047 Control Rod Drive	Line No. 20-5299-30-23	
5. (a) Applicable Construction Code ASME III 1974 Edition,	W-75Addenda, <u>1361-2, N2</u>	07Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replace	cements 1986	
5. Identification of Components Repaired or Replaced and Replace	ament 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)
C.R.D.	General Electric Co.	A8573	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

rest concorder. Hydrosten [] The minine [] requiring the during rice and c	Tests conducted:	Hydrostatic [ ]	Pneumatic []	Nominal Operating Pressure [	X
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Other [] Pressure 1000 psi Test Temp. 33 °F

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

(12/82)

8.

XI L2-92-109-13 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u>. Applicable Manufacturer's Data Reports to be attached

1

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	CERTIFICATE	OF COMPLIANCE	E	
We certify that the stateme ASME Code, Section XI.	ints made in the report are correc	the feature strength from the	acement conform or replacement	s to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No.	N/A	Expiration Date	N/A	
Signed D.L.S.	. (4 for Maintenance Engin	eer Date March	16	19 93
Owner or Owner's Des	ignee, I itie			
Owner or Owner's Des				
the undersigned,holding a valid or r Province ofPenr.sylvania	CERTIFICATE OF INSE commission issued by the Nation and employed by HSB18	al Board of Boiler	and Pressure Vessel in	
the undersigned,holding a valid o r Province of <u>Penrsylvania</u> Hartford, Connecti	CERTIFICATE OF INSE commission issued by the Nation and employed byH.S.B.I.& cut	al Board of Boiler i 1. Company		omponents describ
the undersigned,holding a valid o r Province of <u>Penrsylvania</u> Hartford, <u>Connecti</u> this Owner's Report during the p the best of my knowledge and b	CERTIFICATE OF INSE commission issued by the Nation and employed byHS_B.I.& cut eriod <i>1-11- 9.3</i> elief,the Owner has performed ex	al Board of Boiler a I. Company to	and Pressure Vessel in have inspected the $6 - 8 - 93$	omponents describ and state th
the undersigned holding a valid of r Province of <u>Penrsylvania</u> <u>Hartford, Connecti</u> this Owner's Report during the p the best of my knowledge and b wher's Report in accordance with By signing this certificate neithe kaminations and corrective measu	CERTIFICATE OF INSE commission issued by the Nation and employed by <u>HSBI8</u> out eriod <u>1-/1-23</u> elief,the Owner has performed es the requirements of the ASME C in the Inspector nor his employer res described in this Owner's Re	al Board of Boiler ( <u>L Company</u> to <u>(</u> kaminations and ta lode, Section XI. makes any warran port. Furthermore,	and Pressure Vessel In have inspected the c and any second second second ken corrective measure ity, expressed or implie neither the inspector r	omponents describ and state th s described in this d, concerning the sor his employer
the undersigned holding a valid of r Province of <u>Penrsylvania</u> <u>Hartford, Connecti</u> this Owner's Report during the p the best of my knowledge and b wher's Report in accordance with By signing this certificate neithe kaminations and corrective measu hall be liable in any manner for an	CERTIFICATE OF INSE commission issued by the Nation and employed by <u>HSBI8</u> out eriod <u>1-/1-23</u> elief,the Owner has performed es the requirements of the ASME C in the Inspector nor his employer res described in this Owner's Re	al Board of Boiler ( <u>L Company</u> to <u>(</u> kaminations and ta lode, Section XI. makes any warran port. Furthermore,	and Pressure Vessel In have inspected the c and any second second second ken corrective measure ity, expressed or implie neither the inspector r	omponents describ and state th s described in this d, concerning the sor his employer
the undersigned holding a valid of r Province of <u>Penrsylvania</u> <u>Hartford, Connecti</u> this Owner's Report during the p the best of my knowledge and b wher's Report in accordance with By signing this certificate neither kaminations and corrective measu hall be liable in any manner for an espection.	CERTIFICATE OF INSE commission issued by the Nation and employed by <u>H.S.B.I.8</u> cut eriod <u>1-/1-93</u> elief,the Owner has performed ex the requirements of the ASME C in the Inspector nor his employer res described in this Owner's Re by personal injury or property dar	al Board of Boiler ( <u>L Company</u> to <u>(</u> kaminations and ta lode, Section XI. makes any warran port. Furthermore,	and Pressure Vessel In have inspected the c and any second second second ken corrective measure ity, expressed or implie neither the inspector r	omponents describ and state th s described in this d, concerning the sor his employer
the undersigned holding a valid or r Province of <u>Penrsylvania</u> <u>Hartford, Connecti</u> this Owner's Report during the p o the best of my knowledge and b wher's Report in accordance with	CERTIFICATE OF INSE commission issued by the Nation and employed by <u>H.S.B.I.8</u> cut eriod <u>1-11-93</u> elief the Owner has performed ex the requirements of the ASME C in the Inspector nor his employer res described in this Owner's Re by personal injury or property dar	al Board of Boiler a <u>to</u> to <u></u> kaminations and ta lode, Section XI. makes any warran port. Furthermore, mage or a loss of a 2497 LN&A	and Pressure Vessel In have inspected the c and any second second second ken corrective measure ity, expressed or implie neither the inspector r	d, concerning the connected with this

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

. Owner	Philadelphia Electric	A REPORT REPORT OF A REPORT OF A REAL PROPERTY OF A		Date	Marc	h 16, 1993	
	Na	me					
	2301 Market Street, P	hiladelphia, PA 1	9101	Sheet	1.1	of 2	Dist. Phil
	Ad	dress					
Plant	Limerick Generating	Station		Unit	L.G.2		
	Ne	me					
	P.O. Box 2300, Sanat	loga, PA 19464-21	300		PECo	- WO # C013299	19
	Ad	dress		Re	pair Orga	nization P.O. No.,	Job No., etc.
Work P	enformed by Philadel	phia Electric Com	pany	Type Co	ode Symb	ol Stamp N	A
	the second se	me					
				Authoriz	ation No.	N	/A
	2301 Market Street, P	hiladelphia, PA 1	9101	Expiratio	on Date	N/	A
	Ad	dress					
Identifi	cation of System 047 C	ontrol Rod Drive		Line No.	20-5299	30-27	1.
(a) App	licable Construction Co	de ASME III 1	968 Edition.	W-69 A	ddenda.	1361-1	Code Case
		And the second s					
(b) App	licable Edition of Section	m XI Utilized for R	epairs or Repli	acements 19 <u>86</u>			
Identifi	cation of Components P	lepaired or Replac	ed and Replac	cement Componer	าโอ		
Name o	f Name of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code Stamped

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)
C.R.D.	General Electric Co.	3548	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted: Hydrostatic [] Pneumatic [] Norainal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-14 Sheet 2 of 2

# FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE	
We certify that the statements made in t ASME Code, Section XI.	the report are correct and this <u>replacement</u> confo repair or replacement	orms to the rules of the
Type Code Symbol Stamp N/A		
Certificate of Authorization No. N/A	Expiration Date N/A	
Signed D. L. S. Huger (+ tor Owner or Owner's Designee. Title	Maintenance Engineer Date March 16	19_93_
CER	TIFICATE OF INSERVICE INSPECTION	
the undersigned holding a valid commission is r Province of Pennsylvania and emplo	sued by the National Board of Boiler and Pressure Vessei byed byH.S.B.I.& I. Company	
the undersigned holding a valid commission is r Province of <u>Ponnsylvania</u> and emplo Hartford, Connecticut	sued by the National Board of Boiler and Pressure Vessel byed by <u>H.S.B.I.&amp; I. Company</u> have inspected the	e components describe
the undersigned, holding a valid commission is r Province of <u>Pennsylvania</u> and emplo <u>Hartford, Connecticut</u> n this Owner's Report during the period o the best of my knowledge and belief, the Owne	by the National Board of Boiler and Pressure Vessel byed by <u>H.S.B.I.&amp; I. Company</u> have inspected th <u>1-11-93</u> to <u>5-11-93</u> er has performed examinations and taken corrective meas	e components describ , and state thi
the undersigned, holding a valid commission is r Province of <u>Pennsylvania</u> and emploid <u>Hartford, Connecticut</u> this Owner's Report during the period <u>emploid</u> the best of my knowledge and belief, the Owner wher's Report in accordance with the requirem By signing this certificate neither the Inspector commissions and corrective measures described hall be liable in any-manner for any personal in	by the National Board of Boiler and Pressure Vessel byed by <u>H.S.B.I.&amp; I. Company</u> have inspected th <u>1-11-93</u> to <u>5-11-93</u> er has performed examinations and taken corrective meas	he components describ , and state th sures described in this plied, concerning the for nor his employer
the undersigned, holding a valid commission is r Province of <u>Pennsylvania</u> and emplor <u>Hartford</u> , <u>Connecticut</u> this Owner's Report during the period <u>the best of my knowledge and belief, the Owner's Report in accordance with the requirem</u> By signing this certificate neither the Inspector examinations and corrective measures described hall be liable in any-manner for any personal in ispection.	esued by the National Board of Boiler and Pressure Vessei byed by <u>H.S.B.I.&amp; I. Company</u> have inspected th <u>1-11-93</u> to <u>5-11-93</u> er has performed examinations and taken corrective meas tents of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or imp d in this Owner's Report. Furthermore, neither the Inspect	he components describ , and state th sures described in this plied, concerning the for nor his employer
the undersigned, holding a valid commission is or Province of <u>Pennsylvania</u> and emploin <u>Hartford</u> , <u>Conriecticut</u> in this Owner's Report during the period of the best of my knowledge and belief the Owner Owner's Report in accordance with the requirem By signing this certificate neither the Inspecto examinations and corrective measures described hall be liable in any manner for any personal in inspection.	esued by the National Board of Boller and Pressure Vessel byed by <u>H.S.B.I.&amp; I. Company</u> have inspected th <u>1-11-93</u> to <u>5-11-93</u> er has performed examinations and taken corrective meas tents of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or imi d in this Owner's Report. Furthermore, neither the Inspect hurry or property damage or a loss of any kind arising from	ne components describ , and state this sures described in this plied, concerning the for nor his employer n or connected with this
the undersigned, holding a valid commission is or Province of <u>Pennsylvania</u> and emploi <u>Hartford, Conrecticut</u> in this Owner's Report during the period of the best of my knowledge and belief the Owner Owner's Report in accordance with the requirem By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in inspection.	Assued by the National Board of Boller and Pressure Vessel byed by <u>H.S.B.I.&amp; I. Company</u> have inspected th <u>1-11-93</u> to <u>5-11-93</u> er has performed examinations and taken corrective meas itents of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or impli- d in this Owner's Report. Furthermore, neither the Inspect hiury or property damage or a loss of any kind arising from Commissions PA 2497 [.N&A	ne components describ , and state th sures described in this plied, concerning the for nor his employer n or connected with thi

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

. Owner	Philadelphia Ek dric Company	Date March 16, 199	1
	Name		
	2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2	2.2.5 (A) 4 - 1 - 1
	Address		
Plant_	Limerick Generating Station	Unit LG2	
	Name		
	P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # 1	0132999
	Address	Repair Organization P	O. No., Job No., etc.
Work Pe	aformed byPhiladelphia Electric Company	Type Code Symbol Stamp	N/A
	Name		
		Authorization No.	N/A
	2301 Market Street, Philadelphia, PA 19101	Expiration Date	N/A
	Address		
	ation of System 047 Control Flod Drive	Line No. 20-S299-30-31	

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)
C.R.D.	General Electric Co.	A8355	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-15 Sheet 2 of 2

## FORM NIS-2 (BACK)

	CERTIFICATE OF	COMPLIANC	E	
We certify that the statements mad ASME Code, Section XI.	de in the report are correct and		olacement co or replacement	onforms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No	N/A Expi	ration Date _	N/A	
signed D.I. Schwicht	for Maintenance Engineer	Date March	16	. 19 93
Owner or Owner's Designers T	Tiel -			
Owner or Owner's Designee, T	CERTIFICATE OF INSERVIC			
the undersigned,holding a valid commiss r Province ofennsylvaniaand +	CERTIFICATE OF INSERVIC	ard of Boiler	and Pressure Ves	0
the undersigned,holding a valid commiss r Province of <u>Pennsylvania</u> and e Hartford, Connecticut	CERTIFICATE OF INSERVIS sion issued by the National Bo employed by <u>H.S.B.I.&amp; I. Co</u>	ard of Boiler mpany	and Pressure Ves	ssel inspectors and the Sta o d the components describe and state the
the undersigned,holding a valid commiss r Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the	CERTIFICATE OF INSERVIS sion issued by the National Bo employed by <u>H.S.B.I.&amp; I. Co</u> <u>I-11-23</u> Owner has performed examin	to	and Pressure Ves	o d the components describe , and state the
the undersigned,holding a valid commiss r Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the requ By signing this certificate neither the Int xaminations and corrective measures desc hall be liable in any manner for any perso	CERTIFICATE OF INSERVIC sion issued by the National Bo employed by <u>H.S.B.I.&amp; I. Co</u> <u>1-11-23</u> Owner has performed examin uirements of the ASME Code, spector nor his employer make cribed in this Owner's Report.	to to to the section XI.	and Pressure Ver have inspected 6-8-93 aken corrective minutes nty, expressed or a, neither thy Insp	d the components describe and state the easures described in this implied, concerning the ector nor his employer
the undersigned,holding a valid commiss Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the requ By signing this certificate neither the Int caminations and corrective measures desc hall be liable in any manner for any perso	CERTIFICATE OF INSERVIC sion issued by the National Bo employed by <u>H.S.B.I.&amp; I. Co</u> <u>1-11-23</u> Owner has performed examin uirements of the ASME Code, spector nor his employer make cribed in this Owner's Report.	to	and Pressure Ver have inspected 6-8-93 aken corrective minutes nty, expressed or a, neither thy Insp	d the components describe and state the easures described in this implied, concerning the ector nor his employer
the undersigned,holding a valid commiss Province of <u>Pennsylvania</u> and <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief,the wher's Report in accordance with the req By signing this certificate neither the Ins caminations and corrective measures desc	CERTIFICATE OF INSERVIX sion issued by the National Bo employed by <u>H.S.B.I.&amp; I. Co</u> <u>1-11-23</u> Owner has performed examin uirements of the ASME Code, spector nor his employer make cribed in this Owner's Report, mal injury or property damage Commissions <u>PA 2497</u>	to	and Pressure Ver have inspected 6-8-93 aken corrective minutes nty, expressed or a, neither thy Insp	d the components describe asures described in this implied, concerning the ector nor his employer rom or connected with this

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

. Owner	Philadelphia Electric Na	Company me		Date	Date March 16, 1993				
	2301 Market Street, P	Sheet	Sheet 1 of 2						
	Ad	dress							
Piant	Limerick Generating	Station	-	Unit	LG2				
	Name								
	P.O. Box 2300, Sanat	oga, PA 19464-23	300		PECo	- WO # C013299	19		
	Ad	Re	pair Orga	nization P.O. No.,	Job No., etc.				
. Work Pe	Work Performed by Philadelphia Electric Company				Type Code Symbol Stamp N/A				
				Authoriz	tation No.	N	/A		
and a second	2301 Market Street, P Adi	hiladelphia, PA 1 dress	9101	Expiratio	on Date	N/	Α		
Identific	ation of System 047 C	ontrol Rod Drive		Line No.	Line No. 20-5299-30-35				
(a) Appl	licable Construction Co	de ASME III 11	971 Edition.	S-73 A	ddenda	1361-2	Code Case		
(b) Appl	icable Edition of Sectio	on XI Utilized for R	epairs or Repi	acements 19 <u>86</u>	4				
. Identifica	ation of Components R	lepaired or Replac	ed and Replac	ement Compone	nts				
Name of Compon		Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)
C.R.D.	General Electric Co.	A8274	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-16 Sheet 2 of 2

#### FORM NIS-2 (BACK)

Remarks Manufacturer's Data Rep	ort is attached to W/O Applicable Manufact		to be attached	
	CERT	IFICATE OF COMP	PLIANCE	
We certify that the statemer ASME Code, Section XI	nts made in the report i	are correct and this	replacement repair or replaceme	_ conforms to the rules of the nt
Type Code Symbol Stamp	N/A			
Certificate of Authorization No	N/A	Expiration	Date N/A	
Signed D.L. Sha	t for Maintenar	ice Engineer Date	March 16	. 19 93
l, the undersigned holding a valid o		OF INSERVICE IN		• Vessel inspectors and the St
or Province of Pennsylvania	and employed by		ny	-
Hartford, Connect: in this Owner's Report during the p		-93	to 6-8-	ected the components describ P3 and state th
to the best of my knowledge and be Owner's Report in accordance with By signing this certificate neithe examinations and corrective measu shall be liable in any manner for an	elief, the Owner has per the requirements of the r the inspector nor his is res described in this Ow	formed examination ASME Code, Secti employer makes an wner's Report. Furt	is and taken correctiv ion XI. y warranty, expresse hermore, neither the	re measures described in this d or implied, concerning the Inspector nor his employer
inspection.	0			
Inspector's Signature	Commissio	ACCURATE A CONTRACT OF COMPACT AND A CONTRACT OF A CONTRAC	A rd, State, Province, a	nd Endorsements
성 이 이상에서 아파지 아이들.		Netional Doa	re, oune, ricenibe, s	
Date 8 JUNE 9 93	2			

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

1. Owner	Philadelphia Electric Company	Date March 16, 1993	
	Name		
1	2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2	
	Address		
Piant	Limerick Generating Station	Unit LG2	
	Name		
	P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # CO	0132999
	Address	Repair Organization P.C	). No., Job No., etc.
Work Pe	erformed by Philadelphia Electric Company	Type Code Symbol Stamp	N/A
	Name	A share and a share	81/6
		Authorization No.	N/A
	2301 Market Street, Philadelphia, PA 19101	Expiration Date	N/A
	Address		
dentifici	ation of System 047 Control Rod Drive	Line No. 20-S299-30-39	
(a) Appl	licable Construction Code ASME III 1968 Edition	W-69 Addende 1361-1	Code Case
	and a second sec		
	licable Construction Code <u>ASME III</u> 19 <u>68</u> Edition, icable Edition of Section XI Utilized for Repairs or Repl		

Repaired. ASME Code Name of Name of Manufacturer National Other Year Replaced, or Stamped identification (Yes of Component Manufacturer Board No. Buitt Replacement Serial No. No) C.R.D. General 5238 N/A N/A N/A Replacement Yes Electric Co. Heat No. N/A \*144-77788 N/A Replacement No (2) Cap General Screws 1\* -Electric Co. 61811 B x 51%

6. Identification of Components Repaired or Replaced and Replacement Components

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced control rod drive and 2 cap screws.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

XI L2-92-109-17 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statemen ASME Code, Section XI.	ts made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A Expiration Date N/A
Signed D.L.S.Lin	Leftor Maintenance Engineer Date March 16 19 93
Charrier or Charrier Charrier	anae the
Owner or Owner's Desig	CERTIFICATE OF INSERVICE INSPECTION
the undersigned,holding a valid or r Province of Pennsylvania	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stu and employed by H.S.B.I.& I. Company
the undersigned,holding a valid or r Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> ut have inspected the components describ
the undersigned,holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe o the best of my knowledge and ha	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stu and employed by <u>H.S.B.I.&amp; I. Company</u> ut have inspected the components describ
the undersigned,holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe to the best of my knowledge and ha whet's Report in accordance with t By signing this certificate neither xaminations and corrective measur hall be liable in apymanner for an	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>HS.B.I.&amp; I. Company</u> <a href="https://www.inspected.the.components.describe">https://www.inspectors.and.the.St</a> and employed by <u>HS.B.I.&amp; I. Company</u> <a href="https://www.inspected.the.components.describe">https://www.inspected.the.components.describe</a> and employed by <u>HS.B.I.&amp; I. Company</u> <a href="https://www.inspected.the.components.describe">https://www.inspected.the.components.describe</a> <a href="https://www.inspected.the.components.describe-info">https://www.inspected.the.components.describe-info</a> <a href="https://www.inspected.the.components.describe-info"></a> wwww.inspected.the.components.describe-info"/>www.inspe
the undersigned,holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and ho wner's Report in accordance with t By signing this certificate neither xaminations and corrective measur hall be liable in apymanner for an	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the St and employed by <u>HS.B.I.&amp; I. Company</u> <a href="https://www.inspected.the.components.describe">https://www.inspectors.and.the.St</a> and employed by <u>HS.B.I.&amp; I. Company</u> <a href="https://www.inspected.the.components.describe">https://www.inspected.the.components.describe</a> and employed by <u>HS.B.I.&amp; I. Company</u> <a href="https://www.inspected.the.components.describe">https://www.inspected.the.components.describe</a> <a href="https://www.inspected.the.components.describe-info">https://www.inspected.the.components.describe-info</a> <a href="https://www.inspected.the.components.describe-info"></a> wwww.inspected.the.components.describe-info"/>www.inspe
the undersigned,holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> h this Owner's Report during the pe o the best of my knowledge and ha owner's Report in accordance with t By signing this certificate neither ixaminations and corrective measur	CERTIFICATE OF INSERVICE INSPECTION   ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stu _and employed by _HS.B.I.& I. Company

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

I. Owner Phil	adelphis Electric C Nam			Date	March 16, 1993			
230	Market Street, Ph	iladelphia, PA 19	101	Sheet _	1	of 2		
	Add							
Piant Lim	Plant Limerick Generating Station Name				UnitLG2			
P.0	Box 2300, Sanato Add		00	Rep		WO # C0132999		
8 Work Perform	ned by Philadelp		νanγ	Type Co	de Symbo	ol StampN//		
	INGO			Authoriza	ation No.	N/	A	
230	1 Market Street, Pt Add	hiladelphia, PA 11 Iress	9101	Expiratio	n Date	N//		
Identification	of System 047 Co	ontrol Rod Drive		Line No.	20-5299-	30-47		
5. (&) Applicabi	e Construction Co	de ASME III 15			idenda	1361-2	Code Case	
	e Edition of Section of Components R				nts			
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)	

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes of No)
C.R.D.	General Electric Co.	A8460	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

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

1. Owner <u>Philadelphia Electric Company</u> Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA, 19464-2300	PEC6 - WO # C0132999
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol StampN/A
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
Identification of System 047 Control Rod Drive	Line No. 20-S299-34-27
(a) Applicable Construction Code ASME III 1968 Edition	W-69 Addenda, 1361-1 Code C
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	Jacamente 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D	General Electric Co.	5228	N/A	N/A	N/A	Replacement	Yes
(1) Cap Screws 1* - 8 x 5½*	General Electric Co.	Heat No. 61811	N/A	*144-77788	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced control rod drive and 1 cap screw.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. 193 "F

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

(12/B2)

XI L2-92-109-19 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	er fenslig slager verk diseler verk sig slager och se av för er som er förste so			
	-			
	CERTIFICATE	OF COMPLIANCE	E	
We certify that the statement ASME Code, Section XI.	s made in the report are correc	remember and a state of the last	lacement conto or replacement	orms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No.	N/A	Expiration Date	N/A	
Signed D.L. Skim	cf for Maintenance Engin		16	19 93
	CERTIFICATE OF INSE	RVICE INSPECT	ION	
a second a second and a second as				
the undersigned, holding a valid cor r Province of Pennsylvania			and Pressure Vesse	I inspectors and the St
Hartford, Connecticu	and the second s		have inspected t	ne components descrit
this Owner's Report during the per				, and state th
the best of my knowledge and beli			iken corrective mea	sures described in this
	te requirements of the ASME C	ODE, Section AL		
when a report in accordance when th				
By signing this certificate neither	the Inspector nor his employer	makes any warran	nty, expressed or im	plied, concerning the
By signing this certificate neither t xaminations and corrective measure	s described in this Owner's Re	port. Furthermore	, neither the Inspect	or nor his employer
By signing this certificate neither t xaminations and corrective measure hall be liable in any manner for any	s described in this Owner's Re	port. Furthermore	, neither the Inspect	or nor his employer
By signing this certificate neither t xaminations and corrective measure	s described in this Owner's Re	port. Furthermore	, neither the Inspect	or nor his employer

Inspector's Signature

Date\_\_\_\_\_/1 MAY 1993

National Board, State, Province, and Endorsements

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

1. Owner Philadelphia Electric Company	Date March 16, 1993		
Name			
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2		
Address			
2. Plant Limerick Generating Station	Unit LG2		
Name			
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # CO	132999	
Address	Repair Organization P.C	No., Job No., etc.	
3. Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp	N/A	
Name			
	Authorization No	N/A	
2301 Market Street, Philadelphia, PA 19101	Expiration Date	N/A	
Address			
I. Identification of System 047 Control Rod Drive	Line No. 20-S299-34-31		
(a) Applicable Construction Code ACME III 1071 Edition	C 75 Addenda 1001.0	Code Case	
i. (a) Applicable Construction Code <u>ASME III</u> 1971_Edition,	S-73 Addenda, 1361-2	Code Case	
(b) Applicable Edition of Section XI Utilized for Repairs or Repli	acements 1986		
Identification of Components Repaired or Replaced and Replac	oment Components		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yea: Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	A8329	N/A	N/A	N/A	Replacement	Yes

7. Description of Work. Replaced control rod drive.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-20 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package

Applin	sidad	Manufi	acturer's	Date	Reports	10	be	attached	

		and the second		and the second se	and a second
al one of a characteristic tensor and an entry of the					
				-	
		CERTIFICATE OF CO	MPLIANCE		
We certify that the staten SME Code, Section XI.	nents made in the r	eport are correct and t	the second se	ecement con replacement	forms to the rules of the
ype Code Symbol Stamp	N/A				
ertificate of Authorization No	N/A	Expirat	tion Date	N/A	
igned D.L.S.L		ntenance Engineer De	ate March	16	19 93
Owner or Owner's D					
the undersigned, holding a valic	CERTIFI commission issue	CATE OF INSERVICE	d of Boiler a		el inspectors and the St
the undersigned,holding a valid	CERTIFI commission issue and employed	d by the National Boar	d of Boiler a	nd Pressure Vess	
he undersigned,holding a valic Province of <u>Pennsylvania</u> Hartford, Connei this Owner's Report during the	CERTIFI commission issue and employed tiout period	d by the National Boar 1 by H.S.B.I.& I. Com /-//-93	rd of Boiler a ipany to	nd Pressure Vess have inspected	the components describ , and state th
he undersigned,holding a valic Province of <u>Pennsylvania</u> Hartford, Connei this Owner's Report during the the best of my knowledge and	CERTIFI commission issue and employed tiout period belief,the Owner hi	d by the National Boar by <u>H.S.B.I.&amp; I. Com</u> /-//-93 as performed examinal	to to tak	nd Pressure Vess have inspected	the components describ , and state th
he undersigned,holding a valic Province of <u>Pennsylvania</u> Hartford, Connei this Owner's Report during the the best of my knowledge and	CERTIFI commission issue and employed tiout period belief,the Owner hi	d by the National Boar by <u>H.S.B.I.&amp; I. Com</u> /-//-93 as performed examinal	to to tak	nd Pressure Vess have inspected	the components describ , and state th
he undersigned,holding a valic Province of <u>Pennsylvania</u> <u>Hartlord, Connei</u> this Owner's Report during the the best of my knowledge and wher's Report in accordance wi	CERTIFI commission issue and employed triput period belief,the Owner hi th the requirements	d by the National Boar by <u>H.S.B.I.&amp; I. Com</u> /-//-93 as performed examinal of the ASME Code, S	to of Boiler a Ipany to tions and tak ection XI.	nd Pressure Vess have inspected (-8-93 en corrective me	the components describ and state th asures described in this
the undersigned, holding a valic Province of <u>Pennsylvania</u> <u>Hartford, Connei</u> this Owner's Report during the the best of my knowledge and wher's Report in accordance wi By signing this certificate neit aminations and corrective mea	CERTIFI commission issue and employed tricut period belief,the Owner hi the requirements the the inspector no sures described in	d by the National Boar by <u>H.S.B.I.&amp; I. Com</u> <u>/-//-93</u> as performed examinal of the ASME Code, S or his employer makes this Owner's Report. F	to of Boiler a ipany to tions and tak ection XI. any warrant urthermore.	nd Pressure Vess have inspected (-8-93) en corrective me y, expressed or it neither the inspe	the components describ , and state th asures described in this mplied, concerning the ctor nor his employer
the undersigned, holding a valic Province of <u>Pennsylvania</u> <u>Hartford, Connei</u> this Owner's Report during the the best of my knowledge and wher's Report in accordance wi By signing this certificate neit aminations and corrective meai all be liable in any manner for	CERTIFI commission issue and employed tricut period belief,the Owner hi the requirements the the inspector no sures described in	d by the National Boar by <u>H.S.B.I.&amp; I. Com</u> <u>/-//-93</u> as performed examinal of the ASME Code, S or his employer makes this Owner's Report. F	to of Boiler a ipany to tions and tak ection XI. any warrant urthermore.	nd Pressure Vess have inspected (-8-93) en corrective me y, expressed or it neither the inspe	the components describ , and state th asures described in this mplied, concerning the ctor nor his employer
the undersigned, holding a valid Province of <u>Pennsylvania</u> <u>Hartford, Conne</u> this Owner's Report during the the best of my knowledge and wher's Report in accordance wit By signing this certificate neit aminations and corrective meas all be liable in any manner for spection.	CERTIFI commission issue and employed triput period belief,the Owner hi the requirements the the Inspector no sures described in t any personal injury	d by the National Boar by <u>H.S.B.I.&amp; I. Com</u> <u>/-//-93</u> as performed examinal of the ASME Code. S or his employer makes this Owner's Report. F or property damage of	to to Boiler a ipany to tions and tak ection XI. any warrant urthermore, or a loss of at	nd Pressure Vess have inspected (-8-93) en corrective me y, expressed or it neither the inspe	the components describ , and state th asures described in this mplied, concerning the ctor nor his employer
the undersigned,holding a valic Province of <u>Pennsylvania</u> <u>Hartford, Connei</u> this Owner's Report during the the best of my knowledge and wner's Report in accordance wi	CERTIFI commission issue and employed triput period belief,the Owner hi the requirements the the Inspector no sures described in t any personal injury	d by the National Boar by <u>H.S.B.1.8 I. Com</u> <u>/-//-93</u> as performed examinal of the ASME Code. S or his employer makes this Owner's Report. F or property damage of missions <u>PA 2497 I</u>	to of Boiler a ipany to tions and tak ection XI. any warrant furthermore, or a loss of at N&A	nd Pressure Vess have inspected (-8-93) en corrective me y, expressed or it neither the inspe	the components describ , and state th asures described in this mplied, concerning the ctor nor his employer om or connected with thi

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

1. Owner <u>Philadelphia Electric Company</u> Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2
2. Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19454-2300 Address	PECo - WO # C0132999 Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampN/A
2301 Market Street, Philadelphia, PA 19101 Address	Authorization No.         N/A           Expiration Date         N/A
4. Identification of System_047 Control Rod Drive	Line No. 20-5299-38-03
5. (a) Applicable Construction Code <u>ASME III</u> 19 <u>68</u> Edition	W-69 Addenda, 1361-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	placements 1986
5. Identification of Components Repaired or Replaced and Repla	scement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buift	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	5170	N/A	N/A	N/A	Replacement	Yes

7. Description of Work. Replaced control rod drive.

8. Tests conducted Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]	8.1	Tests conducted.	Hydrostatic [ ]	Pneumetic []	Nominal Operati	ng Pressure [X]
---	-----	------------------	-----------------	--------------	-----------------	-----------------

Other [ ] Pressure 1000 psi Test Temp. 193 "F

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

(12/82)

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package.

			attached	
	CERTIFICATE OF	COMPLIAN	CE	
We certify that the statements made ASME Code, Section XI.	e in the report are correct al		eplacement conforms to the r or replacement	s rules of the
Type Code Symbol StampN	UA.			
Certificate of Authorization NoN	/A Exp	piration Date	N/A	
Owner or Owner's Designee, Ti	for Maintenance Engineer	Liete Man	h 16	12
	CERTIFICATE OF INSERV			
the undersigned, holding a valid commissi	CERTIFICATE OF INSERV on issued by the National E	loard of Boil		
the undersigned holding a valid commissi or Province of <u>Pennsylvania</u> and e Hartford, Connecticut	CERTIFICATE OF INSERV on issued by the National E mployed by <u>H.S.B.I.&amp; I.</u> (	loard of Boil	er and Pressure Vessel Inspector have inspected the compo	
the undersigned,holding a valid commissi or Province of <u>Pennsylvania</u> and e <u>Hartford, Connecticut</u> n this Owner's Report during the period	CERTIFICATE OF INSERV on issued by the National E mployed by HSB181.0 1-11-93	loard of Boil Company to	er and Pressure Vessel Inspecto have inspected the compor 6-8-93	nents describ , and stats th
, the undersigned,holding a valid commissi or Province of Pennsylvania and e	CERTIFICATE OF INSERV on issued by the National E imployed by <u>H.S.B.I.&amp; I.C.</u> <u>1-11-93</u> Owner has performed examinements of the ASME Cod pector nor his employer manifered in this Owner's Report hal injury or property damage Commissions PA 24	to to inations and e, Section XI ikes any war 1. Furthermo ge or a loss i 27 (,N&A	er and Pressure Vessel Inspector have inspected the compor 6-8-93 taken corrective measures desc ranty, expressed or implied, con ore, neither the inspector nor his of any kind arising from or conne	nents describ , and state th pribed in this cerning the employer ected with thi
the undersigned holding a valid commissi in Province of <u>Pennsylvania</u> and e <u>Marflord, Connecticut</u> in this Owner's Report during the period <u>be</u> to the best of my knowledge and belief, the owner's Report in accordance with the require By signing this certificate neither the Insi ixaminations and corrective measures desc hall be liable in any manner for any person respection.	CERTIFICATE OF INSERV on issued by the National E imployed by <u>H.S.B.I.&amp; I.C.</u> <u>1-11-93</u> Owner has performed examinements of the ASME Cod pector nor his employer manifered in this Owner's Report hal injury or property damage Commissions PA 24	to to inations and e, Section XI ikes any war 1. Furthermo ge or a loss i 27 (,N&A	er and Pressure Vessel Inspector have inspected the compor 6-8-93 taken corrective measures desc ranty, expressed or implied, con ore, neither the inspector nor his	nents describ , and state th pribed in this cerning the employer ected with th

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

Owner Philadelphia Electric Company Name	Date March 16, 19	93
2301 Market Street, Philadelphia, PA 19101 Address	Sheet 101_2	
Plant Limerick Generating Station	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO #	C0132999
Address	Repair Organization	P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp	0N/A
	Authorization No.	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	<u>N/A</u>
Identification of System 047 Control Rod Drive	Line No. 20-S299-38-23	
(a) Applicable Construction Code ASME III 1968 Edition	Addenda1361-1	Code Sase
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	lacements 19 <u>86</u>	
Identification of Components Repaired or Replaced and Repla	acement Components	
	Repai	red, ASME Code

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)
C.R.D.	General Electric Co.	5257	N/A	N/A	N/A	Replacement	Yes
				B.G. Str			

7. Description of Work: Replaced control rod drive.

8, 1	lests conducted.	Hydrostatic []	Pneumatic []	Nominal Operating Pressure [X]	

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-22 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks\_Manufacturer's Data Report is attached to W/O Package.

Applicable	S. Landa	and a second second	These	Domatic	Sec. 1	here a	A second and a second design	ε
62737111710721161	Interimine.	mmer e	CARTER .	nepone	100.1	UND 1	RIESCHOO	ε.

	CERTIFICATE OF COMPLIANCE	
We certify that the statement ASME Code, Section XI.	made in the report are correct and this <u>replacement</u> conforms to the rules o repair or replacement	f the
Type Code Symbol Stamp	N/A	
Certificate of Authorization No.	N/A Expiration Date N/A	
Signed D.L.S.	(+ tor Maintenance Engineer Date March 16 . 19 93	
Owner or Owner's Desig		
	CERTIFICATE OF INSERVICE INSPECTION	
Province of Pennsylvania	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and th and employed by H.S.B.I.& I. Company	
r Province of <u>Pennsylvania</u> Hartford, Connecticu	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and th and employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components de	o ditoe
r Province of <u>Pennsylvania</u> Hartford, Connectiou this Owner's Report during the per the best of my knowledge and bel	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by <u>H.S.B.I.&amp; I. Company</u> heve inspected the components de	scrib ate th
r Province of <u>Pennsylvania</u> Hartford, Connecticu of this Owner's Report during the per to the best of my knowledge and bel owner's Report in accordance with the By signing this certificate neither	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and th ind employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components de d <u>1-11-93</u> to <u>6-8-93</u> , and sta ithe Owner has performed examinations and taken corrective measures described in	the
The Province of <u>Pennsylvania</u> Hartford, Connecticu In this Owner's Report during the per to the best of my knowledge and bel owner's Report in accordance with the By signing this certificate neither xaminations and corrective measure	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and th ind employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components de <u>1-11-93</u> to <u>6-8-93</u> and sta the Owner has performed examinations and taken corrective measures described in requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning	the er
r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> I this Owner's Report during the per to the best of my knowledge and bel owner's Report in accordance with the By signing this certificate neither commations and corrective measure hall be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and th and employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components de <u>1-11-93</u> to <u>6-8-93</u> and sta the Owner has performed examinations and taken corrective measures described in requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning described in this Owner's Report. Furthermore, neither the Inspector nor his employer ersonal injury or property damage or a loss of any kind arising from or connected with 7	the er
r Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> I this Owner's Report during the per to the best of my knowledge and bel owner's Report in accordance with the By signing this certificate neither commations and corrective measure hall be liable in any manner for any	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and th ind employed by <u>H.S.B.I.&amp; I. Company</u> have inspected the components de <u>1-11-93</u> to <u>6-8-93</u> and sta the Owner has performed examinations and taken corrective measures described in requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning described in this Owner's Report. Furthermore, neither the Inspector nor his employer	the er

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

. Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0132999
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol StampN/A
Name	
	Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101	Expiration DateN/A
Address	
Identification of System 047 Control Rod Drive	Line No. 20-S299-38-31
(a) Applicable Construction Code ASME III 1968 Edition. V	V-69 Addenda, <u>1361-1</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replace	aments 1986
identification of Components Repaired or Replaced and Replacen	

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)
C.R.D.	General Electric Co	5259	N/A	N/A	N/A	Replacement	Yes

7. Description of Work. Replaced control rod drive.

8.	Tests conducted:	Hydrostatic []	Pneumatic []	Nominal C	perating	Prossure [X]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-23 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CER	TIFICATE OF COMP	LIANCE		
We certify that the statemen ASME Code, Section XI.	ts made in the report	are correct and this	The strength of the local division of the	icement replacemen	conforms to the rules of the nt
Type Code Symbol Stamp	N/A			-	
Certificate of Authorization No	N/A	Expiration	Date	N/A	
Signed D.L.S.A.		ance Engineer Date	March	16	. 19 93

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         Martlord, Connecticut         have inspected the components described in this Owner's Report during the period         Intervince of Pennsylvania and employed by H.S.B.I.& I. Company         have inspected the components described in this Owner's Report during the period         Intervince of Section Miles         in this Owner's Report during the period         Intervince of Section Miles         Owner's Report during the period         Intervince of Section Miles         Owner's Report during the period         Intervince of Section Miles         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.         Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or					
or Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> in this Owner's Report during the period <u>1-//-93</u> to <u>5-//-93</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any magner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	CER	TIFICATE OF INSERVI	CE INSPE	CTION	
in this Owner's Report during the period <u>1-11-93</u> to <u>5-11-93</u> and state the 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 magner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.				iler and Pressure Vessel In	spectors and the State of
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 magner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.					components described
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 magner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	in this Owner's Report during the period	1-11-93	to	5-11-93	, and state that
Inspector's Signature National Board, State, Province, and Endorsements	By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any magner for any personal in inspection.	or nor his employer mak d in this Owner's Report njury or property damage CommissionsPA 249	es any wa Furtherm For a loss 7 UN&A	rranty, expressed or implie nore, neither the inspector of any kind arising from o	nor his employer r connected with this

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

1. Owner Philadelphia Electric Company Name	Date March 16, 199	3
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof _2	
2. Plant Limenck Generating Station Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO #	C0132999
Address		P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp	N/A
	Authorization No	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
4 Identification of System 047 Control Rod Drive	Line No. 20-S299-38-47	
5. (a) Applicable Construction Code <u>ASME III</u> 1974 Edition. 1	W-75Addends1361-2, 1	207 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replace	ements 19 <u>86</u>	
5. Identification of Components Repaired or Replaced and Replace	ment Components	

Name of Component	Name of Manufacturer	Manutacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	AB077	N/A	N/A	N/A	Replacement	Yes
						5 A -	

7. Description of Work: Replaced control rod drive.

R Terr	the management and an art	Willemetatio []	Descumption [1]	Nominal Operating P	manue M
0.100	us pontourieu.	my urupitatite []	L'HOMHIGHE []	menning speranny r	Inserin [V]

Other [] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-24 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CER	TIFICATE OF COMP	PLIANCE			
We certify that the statement ASME Code, Section XI.	s made in the report	are correct and this	And the second s	acement r replacement	conforms to the	rules of th
Type Code Symbol Stamp	N/A			Colore to the second		
Certificate of Authorization Ne	N/A	Expiration	Date	N/A		
Signed D. L. Delunio Owner or Owner's Desig	An additional of the second of the second diversion of the second s	nce Engineer Date	March	16	. 19	93

CERTIE	ICATE OF INSERVIC	F INSDEA	TION	
I, the undersigned, holding a valid commission issue				experience and the Dista
or Province of <u>Pennsylvania</u> and employed Hartford, Connecticut				of
in this Owner's Report during the period	has performed examina	ations and	6-8-93 taken corrective measur	
By signing this certificate neither the Inspector r examinations and corrective measures described in shall be liable in any manner for any personal injun inspection.	this Owner's Report.	Furthermo	ore, neither the inspector	nor his employer
Inspector's Signature	nmissionsPA 2497 National	of the summer of the second se	ate, Province, and Endor	rsements
Date 8 JUNE19 93				

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

	iladelphia Electric Na	i Company Ime	Post Contention of Constants	Date	Marc	h 16, 1993	
230	1 Market Street, P	and the second se	9101	Sheet	1	of 2	
	Ad	dress					
Plant Lin	nerick Generating			Unit	LG2		
	Na	me					
P.C	Box 2300, Sanat	oga, PA 19464-2	300			- WO # C013299	
	Ad	dress		Re	pair Orga	nization P.O. No.,	Job No., etc.
Work Perform	ned by Philadel	phia Electric Com	pany	Type Co	de Symt	ol Stamp N	A
	Na	me		Authoriz	ation No	N	/A
230	1 Market Street, P	the second s	9101	Expiratio	n Date	N/	A
	Adi	dress					
Identification	of System 047 C	ontrol Rod Drive		Line No.	20-5299-	42-03	
(a) Applicabi	e Construction Co	de ASME III 1	968 Edition	W-69 A	ddenda.	1361-1	Code Case
					-	1991	0000 000
(b) Applicabl	e Edition of Sectio	n XI Utilized for R	epairs or Repla	acements 1986			
Identification	of Components R	epaired or Replac	ed and Replac	ement Componer	ite		
Name of			And a support of the				
Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Component			1	Other	Year	Replaced, or	Stamped (Yes or
	Manufacturer General	Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)
Component	Manufacturer General	Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)

7. Description of Work: Replaced control rod drive.

	8.	Tests conducted:	Hydrostatic []	Pneumatic []	Nominal Operating	Pressure [X]
--	----	------------------	----------------	--------------	-------------------	--------------

Other [ ] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-25 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u>. Applicable Manufacturer's Data Reports to be attached

	C	ERTIFICATE OF COMP	PLIANCE			
We certify that the statements ASME Code, Section XI.	a made in the rep	ort are correct and this		acement replacemen	conforms to the	rules of the
ype Code Symbol Stamp	N/A					
Certificate of Authorization No.	N/A	Expiration	Date	N/A		
Signed D. Owner or Owner's Design		enance Engineer Date	March	16	. 19	93

		CERTIF	ICATE OF INSERVI	CE INSPEC	TION	
			d by the National B I byH.S.B.I.& I_C		er and Pressure Vessel Ins	pectors and the State of
	Hartford, Connecti	tuo			have inspected the c 5-//-93	omponents described , and state that
By signing to examinations an	his certificate neithe	r the inspector n res described in ny personal injury	this Owner's Report	es any war Furthermo s or a loss o	ranty, expressed or implie ore, neither the Inspector n of any kind arising from or	or his employer
Inspector	r's Signature	ange Con	and all provide the contributions	Additional and a second or a second	ate, Province, and Endors	ements
Date/	1 MAY 19 9	3				

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

1. Owner <u>Philadelphia Electric Company</u> Name	Date March 16, 1993	
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2	
2. Plant <u>Limerick Generating Station</u> Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # C0132999 Repair Organization P.O. No., Job No., etc	
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampN/A	
	Authorization NoN/A	
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A	
Identification of System 047 Control Rod Drive	Line No. 20-S299-46-19	
6. (a) Applicable Construction Code <u>ASME III</u> 1971_Edition. <u>S-7</u>	3 Addenda, <u>1361-2</u> Code C	Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacem	ents 19 <u>86</u>	
. Identification of Components Repaired or Replaced and Replaceme	int 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)
C.R.D.	General Electric Co.	A8275	N/A	N/A	N/A	Replacement	Yes

7. Description of Work: Replaced control rod drive.

8.	Tests conducted:	Hydrostatic [	Prieumatic []	Nominal Or	erating Pressure [X]

Other [] Pressure 1000 psi Test Temp 193 °F

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

(12/82)

XI L2-92-109-26 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u> Applicable Manufacturer's Data Reports to be attached

		ananan any amin'ny tsoratra ina amin'ny tsoratra amin'ny tsoratra amin'ny tsoratra amin'ny tsoratra amin'ny ts	
(	CERTIFICATE OF COMPL	ANCE	
We certify that the statements made in the re ASME Code, Section XI.	and the second se	replacement co	nforms to the rules of the
Type Code Symbol StampN/A			
Certificate of Authorization No. N/A	Expiration D	ate N/A	
Signed D. L. Scharing & for Main	tenance Engineer Date N	Narch 16	. 19 93
Owner or Owner's Designee, Title	renance Engineer Date N	haton 16	anna an 18 an de Charanne
the undersigned,holding a valid commission issued or Province of <u>Pennsylvania</u> and employed	CATE OF INSERVICE INSE by the National Board of E by H.S.B.I.& I. Company	Soiler and Pressure Ves	0
the undersigned,holding a valid commission issued r Province of <u>Pennsylvania</u> and employed Hartford, Connecticut	by the National Board of B by H.S.B.I.& I. Company	Soiler and Pressure Ves	o the components describe
the undersigned, holding a valid commission issued r Province of <u>Pennsylvania</u> and employed <u>Hartford, Connecticut</u> this Owner's Report during the period	by the National Board of E by H.S.B.I.& L. Company /-//-93 to	Soiler and Pressure Ves have inspected 6 - 8 - 93	o the components describe , and state the
the undersigned,holding a valid commission issued or Province of <u>Pennsylvania</u> and employed Hartford, Connecticut	by the National Board of E by H.S.B.I.& I. Company /-//-93 to s performed examinations i	have inspected 6 - 8 - 93 and taken corrective me	o the components describe , and state the
the undersigned, holding a valid commission issued or Province of <u>Pennsylvania</u> and employed <u>Hartford, Connecticut</u> in this Owner's Report during the period <u></u> of the best of my knowledge and belief, the Owner ha owner's Report in accordance with the requirements By signing this certificate neither the Inspector no xaminations and corrective measures described in the half be liable in any manner for any personal injury of	by the National Board of B by H.S.B.I.& L. Company /-//-93 to s performed examinations i of the ASME Code, Section r his employer makes any i his Owner's Report. Furthe	Boiler and Pressure Ves have inspected 6 - 8 - 93 and taken corrective me XI. warranty, expressed or rmore, neither the Inspi	d the components describe , and state the easures described in this implied, concerning the ector nor his employer
the undersigned, holding a valid commission issued or Province of <u>Pennsylvania</u> and employed <u>Hartford, Connecticut</u> in this Owner's Report during the period <u></u> of the best of my knowledge and belief, the Owner ha owner's Report in accordance with the requirements By signing this certificate neither the Inspector no xaminations and corrective measures described in the half be liable in any manner for any personal injury of	by the National Board of B by H.S.B.I.& L. Company /-//-93 to s performed examinations i of the ASME Code, Section r his employer makes any i his Owner's Report. Furthe	Boiler and Pressure Ves have inspected 6 - 8 - 93 and taken corrective me XI. warranty, expressed or rmore, neither the Inspi	d the components describe , and state the easures described in this implied, concerning the ector nor his employer
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the undersigned, holding a valid commission issued r Province of <u>Pennsylvania</u> and employed <u>Hartford</u> , Connecticut this Owner's Report during the period the best of my knowledge and belief the Owner ha wher's Report in accordance with the requirements By signing this certificate neither the Inspector no kaminations and corrective measures described in the hall be liable in any manner for any personal injury of spection.	by the National Board of E by H.S.B.I.& I. Company /-//-93 to s performed examinations i of the ASME Code, Section in this employer makes any in his Owser's Report. Further or property damage or a lo nissions PA 2497 I,N&A	Noiler and Pressure Ves have inspected 6 - 8 - 93 and taken corrective me XI. warranty, expressed or rmore, neither the inspi as of any kind arising fi	d the components describ , and state the easures described in this implied, concerning the ector nor his employer rom or connected with this

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

and the second se	iladelphia Electric	Company		Date	Marc	h 16, 1993	
	140	unite					
234	01 Market Street, F	A COLOR OF A	9101	Sheet	1	of 2	
	Ad	dress					
Plant Lin	nerick Generating	A RECORDER OF THE TAXABLE PARTY PARTY AND ADD. CONSIDER TO A D.		Unit	LG2		
	Ne	me					
P.C	). Box 2300, Sanat	loga, PA 19464-2	300		PECo	- WO # C013295	99
	Ad	dress		Re	pair Orga	nization P.O. No.,	Job No., etc.
Work Perfort	ned by Philadel	phia Electric Com	pany	Type C	ode Symb	ol Stamp N	/A
	Na	me					
				Authoriz	ation No.	N	1/A
230	1 Market Street, P		9101	Expiratio	on Date	N	A
	Ad	dress					
mail have been				in the second			
	of System <u>047 C</u> le Construction Co		9 <u>68</u> Edition	and the second se	20-5299-		Code Cas
<ul><li>(a) Applicabl</li><li>(b) Applicabl</li></ul>	e Construction Co	ode <u>ASME III</u> 1	epairs or Repla	W-69 A acements 19 <u>86</u>	ddenda		Code Cas
<ul><li>(a) Applicabl</li><li>(b) Applicabl</li></ul>	e Construction Go	ode <u>ASME III</u> 1	epairs or Repla	W-69 A acements 19 <u>86</u>	ddenda		Code Cas ASME Code Stamped (Yes or No)
(a) Applicabl (b) Applicabl Identification Name of Component	e Construction Co e Edition of Section of Components R Name of	ode <u>ASME III</u> 1 on XI Utilized for R lepsired or Replac Manufacturer	epairs or Replaced and Replace	W-69 A accements 19 <u>86</u> ement Componer Other	ddenda nts Year	1361-1 Repaired, Replaced, or	ASME Code Stamped (Yes or
(a) Applicabl (b) Applicabl Identification Name of Component	e Construction Co e Edition of Sectio of Components R Name of Manufacturer General	ode <u>ASME III</u> 1 on XI Utilized for R lepaired or Replec Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	W-69 A acements 19 <u>86</u> ement Componer Other Identification	ddenda nts Year Built	1361-1 Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(a) Applicabl (b) Applicabl Identification Name of	e Construction Co e Edition of Sectio of Components R Name of Manufacturer General	ode <u>ASME III</u> 1 on XI Utilized for R lepaired or Replec Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	W-69 A acements 19 <u>86</u> ement Componer Other Identification	ddenda nts Year Built	1361-1 Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(a) Applicabl (b) Applicabl Identification Name of Component	e Construction Co e Edition of Sectio of Components R Name of Manufacturer General	ode <u>ASME III</u> 1 on XI Utilized for R lepaired or Replec Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	W-69 A acements 19 <u>86</u> ement Componer Other Identification	ddenda nts Year Built	1361-1 Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

7. Description of Work Replaced control rod drive.

o rests conoucted revolution [] Pheumatic [] Nominal Operating Pressure [A	Hydrostatic [] Pneumatic [] Nominal Operating Pressure [	DX]
--	--	-----

Other [] Pressure 1000 psi Test Temp. 193 "F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/2 in, x 11 in., (2) information in items 1 through 5 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

XI L2-92-109-27 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package.

Applic	able	Manu	stact	urer's	Data	Repo	arts	10	be	attac	hed

	CEI	RTIFICATE OF COMP	LIANCE		
We certify that the statemen ASME Code, Section XI.	its made in the repo	n are correct and this	-community of the designments	replacement	onforms to the rules of the
Type Code Symbol Stamp	N/A				
Certificate of Authorization No	N/A	Expiration	Date	N/A	
701	0		March	1.1	19 93

CERT	IFICATE OF INSERVI	CE INSPE	CTION	
I, the undersigned, holding a valid commission iss or Province of Pennsylvania and employ			ler and Pressure Vessel ir	spectors and the State
Hartford, Connecticut				components described
in this Owner's Report during the period	1-11-93	tó	5-11-93	and state that
to the best of my knowledge and belief,the Owner	r has performed exami	nations and	d taken corrective measur	es described in this
Owner's Report in accordance with the requireme	nts of the ASME Code	Section X	La la constante de la constante	
By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal inju- inspection.	in this Owner's Report ary or property damage	Furtherm or a loss	ore, neither the inspector	nor his employer
Saudderau po	ommissions PA 249	7.1.N&A		
Inspector's Signature	A REAL PROPERTY AND A REAL	and a little of the little of	tate, Province, and Endor	sements
Date // MAY 1993				

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

	ladelphia Electric Na	Company		Date _	Матс	h 16, 1993	
230	1 Market Street, P	hiladelphia, PA 1	9101	Sheet		of 2	
	Ad	dress					
Plant Lim	erick Generating !	the second s		Unit	LG2		
	Na	me					
PO		oga, PA 19464-2	300			- WO # C013299	
	Ad	dress		Rej	pair Orga	nization P.O. No.,	Job No., etc.
Work Perform	ned by <u>Philadel</u> Na	phia Electric Com	pany	Type Go	de Symb	ol Stamp N	A
	144	ine in the second se		Authoriz	ation No.	N	/A
230	1 Market Street, P	hiladelphia, PA 1	9101	Expiratio	n Date	N	A
	Ada	dress					
Identification	of System 047 C	ontrol Rod Drive		Line No	20-5299-	46-31	
(a) Applicable	Construction Co	de ASME III 1	968 Edition.	W-69 A	ddenda	1361-1	Code Cas
(b) Applicable	Edition of Sectio	n Xi Utilized for R	epairs or Repla	acements 1986			
					5.5		
Identification	of Components H	lepaired or Replac T	ed and Heplac	ement Componer	its T	1	
		10 C	the second se			Phone in the second	
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)
						Replaced, or	Stamped (Yes or
Component	Manufacturer General	Serial No.	Board No.	Identification	Built	Replaced, or Replacement	Stamped (Yes or No)

7. Description of Work: Replaced control rod drive.

8.	ests conducted	Hydrostatic []	Pneumatic []	Nominal C	perating	Pressure [X]

Other [ ] Pressure 1000 psi Test Temp. 193 °F

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

(12/82)

XI L2-92-109-28 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package Applicable Manufacturer's Data Reports to be attached

(CEE)	PARTIE AT	10	ME	no			me
ULTI	<b>TIFICA</b>	12	or	00	/W11**	LIAITH	22

We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the Code, Section XI. replacement ASME Code, Section XI.

Type Code Symbol Stamp	N/A			
Certificate of Authorization No.	N/A	Expiration Date	N/A	
Signed D. L. Sehm	eff for Mainten	ance Engineer Date March	16	19 93
Owner or Owner's Desig				

CEF	RTIFICATE OF INSERVI	CE INSPE	CTION	
I the undersigned,holding a valid commission in or Province of Pennsylvania and empl			ler and Pressure Vessel in	nspectors and the State of
Hartford, Connecticut	and a second			components described
in this Owner's Report during the period			The Contract Marian and Contractor . Card Million and a second second	and state that
to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirem	And a set of the set o			res described in this
cowners neport in accordance with the requirem	HEIRE OF THE MOMIE GODE	, Secuon A		
By signing this certificate neither the inspect	for nor his employer mai	kes any war	rranty, expressed or impli	ied, concerning the
examinations and corrective measures describe				
shall be liable in any manner for any personal in	njury or property damag	e or a loss	of any kind arising from d	or connected with this
inspection.	7			
Jul Deraich	Commissions PA 249			
Inspector's Signature	Commissions PA 249	1, THOLA		

Date 11 MAY 1993

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

Owner Philadelphia	Electric Company	Date March 16, 1993	
	Name		
2301 Market	Street, Philadelphia, PA 19101	Sheet 1 of 2	
	Addreas		
Plant Limerick Ge	nerating Station	Unit LG2	
	Name		
P.O. Box 23	00, Sanatoga, PA 19464-2300	PECo - WO # CO	132999
	Address	Repair Organization P.O	No., Job No., etc.
Work Performed by	Philadelphia Electric Company	Type Code Symbol Stamp	N/A
	Name	A	
		Authorization No.	N/A
2301 Market	Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
identification of System	n 047 Control Rod Drive	Line No. 20-S299-50-31	
(a) Applicable Constru	uction Code ASME III 1971 Edition,	S-73 Addenda, 1361-2	Code Cas
an anna bhairte	of Section XI Utilized for Repairs or Repl		

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)
C.R.D.	General Electric Co.	A8045	N/A	N/A	N/A	Replacement	Yes
(1) Cap Screws 1* - 8 x 5½*	General Electric Co.	Heat No. 61811	N/A	*144-77788	N/A	Replacement	No
						18 - 25 - 1	
	fan sweete off team, slaates teamer						

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced control rod drive and 1 cap screw.

Tests conducted:	Hydrostatic [1]	Pneumatic []	Nominal Operating Pressure I	DO

Other [] Pressure 1000 psi Test Temp 193 °F

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

(12/82)

8

XI L2-92-109-29 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package.

Applicable	Manu	facturer's	Data	Reports	to be	attached
a she have a second as	1.5 1.661. 1.56	a first start of the start of the	147 Acres 64	in the second second	and active	and the state of t

	CERTIFICATE OF COMP	LIANCE	
We certify that the statements mad ASME Code, Section XI.	e in the report are correct and this	replacement co repair or replacement	nforms to the rules of the
Type Code Symbol Stamp	N/A		
Certificate of Authorization No	N/A Expiration	Date N/A	
signed D.L. Schnicht	for Maintenance Engineer Date	March 16	. 19 93
Owner or Owner's Designee, T		an anna ann an anna anna a' an a' Alba ann an anna an anna an	A REAL POINT OF THE POINT OF TH
	CERTIFICATE OF INSERVICE IN	SPECTION	
		f Boiler and Pressure Ves	
	ion issued by the National Board o	f Boiler and Pressure Ves ly	sel Inspectors and the Sta
r Province of <u>Pennsylvania</u> and <u>Hartford</u> Connecticut this Owner's Report during the period	ion issued by the National Board o employed by <u>HSB1&amp;1 Compar</u>	t Boiler and Pressure Ves hy	o the components describe , and state the
r Province of <u>Pennsylvania</u> and <u>Hartford</u> Connecticut this Owner's Report during the period the best of my knowledge and belief,the	ion issued by the National Board o employed by <u>H.S.B.I.&amp; I. Compar</u> /-//-93 t Owner has performed examination	f Boiler and Pressure Ves have inspected bood and taken corrective me	d the components describ , and state the
r Province of <u>Pennsylvania</u> and <u>Hartford</u> Connecticut this Owner's Report during the period <u>be</u> the best of my knowledge and belief,the owner's Report in accordance with the req By signing this certificate neither the Ini-	tion issued by the National Board of employed by <u>H.S.B.I.&amp; I. Compar</u> <u>/-//-93</u> Owner has performed examination uirements of the ASME Code, Secti spector nor his employer makes an	f Boiler and Pressure Ves have inspected b b and taken corrective me on XI. y warranty, expressed or	the components describ and state the easures described in this implied, concerning the
Province of <u>Pennsylvania</u> and <u>Hartlord</u> Connecticut this Owner's Report during the period <u>be</u> the best of my knowledge and belief,the wher's Report in accordance with the req By signing this certificate neither the In- xaminations and corrective measures des hall be liable in any manner for any perso	sion issued by the National Board of employed by <u>H.S.B.I.&amp; I. Compar</u> <u>/-//-93</u> t Owner has performed examination uirements of the ASME Code, Secti spector nor his employer makes an oribed in this Owner's Report. Furth	f Boiler and Pressure Ves have inspected o <u>6-8-93</u> s and taken corrective me on XI. y warranty, expressed or hermore, neither the Inspe	the components describ- and state the easures described in this implied, concerning the actor nor his employer
Province of <u>Pennsylvania</u> and <u>Hartlord</u> Connecticut this Owner's Report during the period <u>be</u> the best of my knowledge and belief,the wher's Report in accordance with the req By signing this certificate neither the In- xaminations and corrective measures des hall be liable in any manner for any perso	sion issued by the National Board of employed by <u>H.S.B.I.&amp; I. Compar</u> <u>/-//-93</u> t Owner has performed examination uirements of the ASME Code, Secti spector nor his employer makes an oribed in this Owner's Report. Furth	f Boiler and Pressure Ves have inspected o <u>6-8-93</u> s and taken corrective me on XI. y warranty, expressed or hermore, neither the Inspi loss of any kind arising fi	the components describe and state the easures described in this implied, concerning the actor nor his employer
Province of <u>Pennsylvania</u> and <u>Hartford</u> Connecticut this Owner's Report during the period <u>be</u> the best of my knowledge and belief,the wher's Report in accordance with the req By signing this certificate neither the Ini- xaminations and corrective measures des hall be liable in any manner for any perso	Non issued by the National Board of employed by <u>H.S.B.I.&amp; I. Compar</u> <u>1-/1-93</u> Owner has performed examination uirements of the ASME Code, Section spector nor his employer makes any cribed in this Owner's Report. Furthing in this Owner's Report. Furthing in this Owner's Report. Furthing in this Owner's Report. Furthing Commissions <u>PA 2497 I.N&amp;</u>	f Boiler and Pressure Ves have inspected o <u>6-8-93</u> s and taken corrective me on XI. y warranty, expressed or hermore, neither the Inspi loss of any kind arising fi	and state the easures described in this implied, concerning the actor nor his employer rom or connected with this
n this Owner's Report during the period to the best of my knowledge and belief, the owner's Report in accordance with the req By signing this certificate neither the In examinations and corrective measures des hall be liable in any manner for any person happection.	Non issued by the National Board of employed by <u>H.S.B.I.&amp; I. Compar</u> <u>1-/1-93</u> Owner has performed examination uirements of the ASME Code, Section spector nor his employer makes any cribed in this Owner's Report. Furthing in this Owner's Report. Furthing in this Owner's Report. Furthing in this Owner's Report. Furthing Commissions <u>PA 2497 I.N&amp;</u>	f Boiler and Pressure Ves have inspected o <u>6-8-93</u> s and taken corrective me on XI. y warranty, expressed or hermore, neither the Inspi loss of any kind arising fi	and state the easures described in this implied, concerning the actor nor his employer rom or connected with this

1.	Owner PHILADELPHIA ELECTRIC COMPANY	DateMay 5, 1993
	Nome 2301 Market Street, Phila, PA. 19101	Sheet 1 of
2.	Address PlantLimerick Generating Station	Unit TWO
	N#me P.O. Box 2300, Pottstown, PA. 19464	PECo MOD 5816-2
	Address	Repair Organization P.O. No., Job No., etc.
3.	Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp_N/A
	Neme	Authorization No. N/A
	2301 Market Street, Phila, PA. 19101	Expiration Date N/A
	A.C dress	

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

4. Identification of System Control Rod Drive Hydraulic System Specification 8031-M-167-2 Rev. 5

5. (a) Applicable Construction Code \* 19 Edition, \* Addende, \* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 and code cases N-416, 1644-9
 \*See Specification 8031-P-360, Rev. 13

5. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No,	Other Identification	Yser Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-DCD-212-K2	BW/IP			(VALVE)		REPLACE	
SH 2 IDCN A	INTERNAT.	921W0211	N/A	W8-W9	1992	MENT	YES
SP-DCD-212-K2	SANDVIK			(PIPE)		REPLACE	
SH 2 IDCN A	STEEL	462117	N/A	W9-W10	N/A	MENT	NO
SP-DCD-212-K2	ALLOY		and a second strength in the second strength of the second strength	(TEE)		REPLACE	
SH 2 IDCN A	STAINLESS	JP	N/A	W10-W11	N/A	MENT	NO
SP-DCD-212-K2	AL TECH			(PIPE)		REPLACE	
SH 2 IDCN A	SPEC. STL	9E4590	N/A	W11-W12	N/A	MENT	NO
SP-DCD-212-K2	BW/IP			(VALVE)		REPLACE	
SH 2 IDCN A	INTERNAT.	34515	N/A	W12-W13	1979	MENT	YES

7. Description of Work INSTALL NEW BLOCK VALVES AND CHECK VALVES IN HEADER AND PIPE SUPPORT HANGERS.

B. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure Other Pressure 1990 psi Test Temp, 71 °F

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

(12/82)

DateMay 5, 1993
Sheet of
UnitTWO
PECo MOD 5816-2
No.     No.       Type Code Symbol Stamp     N/A       Authorization No.     N/A
Expiration Date System Specification B031-M-167-2 R
* Addenda. * Code Case so 86 and code cases N-416, 164

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

Name of Component	Name of Menufacturer	Manufacturer Seriei No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampes (Yes or No)
SP-DCD-212-K2	AL TECH		N/A	(PIPE) W13-W14	N/A	REPLACE-	NO
SH 2 IDCN A	SPEC. STL.	9E4590	N/A	(VALVE)	1 11/15	REPLACE-	
SP-DCD-212-K2	BW/IP INTERNAT.	33791	N/A	W14-W15	1979	MENT	YES
SH 2 IDCN A SP-DCD-212-K2	SANDVIK	462117	N/A	(PIPE) W16-W17	N/A	REPLACE- MENT	NO
SH 2 IDCN A SP-DCD-212-K2 SH 2 IDCN A	BW/IP INTERNAT.	921W0212	N/A	(VALVE) W17-W18	1992	REPLACE- MENT	YES
SP-DCD-212-K2 SH 2 IDCN A	SANDVIK	462117	N/A	(PIPE) W18-W19	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 SH 2 IDCN A	ALLOY	JP	N/A	(TEE) W19-W20	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 SH 2 IDCN A	AL TECH SPEC. STL.	924590	N/A	(PIPE) W20-W21	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 SH 2 IDCN A	BW/IP INTERNAT.	33884	N/A	(VALVE) W21-W22	1979	REPLACE- MENT	YES
SP-DCD-212-K2 SH 2 IDCN A	AL TECH SPEC. STL.	9E4590	N/A	(PIPE) W22-W23	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 SH 2 IDCN A	BW/IP	33736	N/A	(VALVE) W23-W24	1979	REPLACE- MENT	YES
SP-DCD-212-K2 SH 2 IDCN A	SANDVIK	462117	N/A	(PIPE) W25-W26	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 SH 2 IDCN A	EDWARDS	58AFI	N/A	(VALVE) W26-W27	1992	REPLACE- MENT	YES

DWDer PHILADELPHIA ELECTRIC COMPANY	DateMay 5, 1993
2301 Market Street, Phila, PA. 19101	Sheet 3 of 12
Addrew Dimerick Generating Station	UnitTWO
Plant P.O. Box 2300, Pottstown, PA. 19464	PECo MOD 5816-2
Addren	Repair Organization P.D. No., Job No., etc. N/A
Work Performed by Philadelphia Electric Company Nem*	Type Code Symbol Stamp N/A Authorization No N/A
2301 Market Street, Phila, PA. 19101	Expiration Date
	System Specification 8031-M-167-

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

(a) Applicable Construction Code <u>\* 19 \* Edition</u>, <u>\* Addenda</u> <u>\* Code Case</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 and code cases N-416, 1644-9
 \*See Specification 8031-P-360, Rev. 13

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Name of Component	Name of Manufacturer	Menufacturer Seriel No.	National Board No.	Other Identification	Year Built	Repeired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-DCD-212-K5	BW/IP	19496	N/A	(VALVE) W12-W13	1977	REPLACE- MENT	YES
SH 2 IDCN A SP-DCD-212-K5 SH 2 IDCN A	INTERNAT. SANDVIC STEEL	462117	N/A	(PIPE) W13-W14	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	ALLOY STAINLESS	JP	N/A	(TEE) W14-W15	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	AL TECH SPEC. STL.	9E4590	N/A	(PIPE) W15-W16	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	BW/IP INTERNAT.	33656	N/A	(VALVE) W16-W17	1979	REPLACE- MENT	YES
SP-DCD-212-K5 SH 2 IDCN A	AL TECH SPEC. STL.	9E4590	N/A	(PIPE) W17-W18	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	BORG- WARNER	33914	N/A	(VALVE) W18-W19	1979	REPLACE- MENT	YES
SP-DCD-212-K5 SH 2 IDCN A	SANDVIK STEEL	462117	N/A	(PIPE) W20-W21	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	BW/IP INTERNAT.	29720	N/A	(VALVE) W21-W22	1992	REPLACE- MENT	YES
SP-DCD-212-K5 SH 2 IDCN A	SANDVIK STEEL	462117	N/A	(PIPE) W22-W22	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	ALLOY STAINLESS	JP	N/A	(TEE) W23-W24	N/A	and a contract of the loss of	NO
SP-DCD-212-K5 SH 2 IDCN A	AL TECH SPEC. STL	9E4590	N/A	(PIPE) W24-W25	N/A	REPLACE- MENT	NO

Wher	Date May 5, 1993
2301 Market Street, Phila, PA. 19101	Sheet of12
Addrew Limerick Generating Station	UnitTWO
P.O. Box 2300 Pottstown, PA. 19464	PECo MOD 5816-2
Address York Performed byPhiladelphia Electric Company Name 2301 Market Street, Phila, PA. 19101	Repeir Orgenization P.O. No., Job No., etc. Type Code Symbol StampN/A Authorization NoN/A Expiration DateN/A
Address Control Rod Drive Hydrauli	c System Specification 8031-M-167-2
Applicable Construction Code 19 Edition, Applicable Edition of Section XI Utilized for Repairs or Replacement *See Specification 8031-P-360, Rev. 13	* Addends*Code Cases s 19 and code cases N-416, 1

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

Name of Component	Name of Manufacturer	Manufacturer Seriel No.	Nationsi Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-DCD-212-K5 SH 2 IDCN A	BORG WARNER	33836	N/A	(VALVE) W25-W26	1979	REPLACE MENT	YES
SP-DCD-212-K5 SH 2 IDCN A	AL TECH SPEC. STL.	9E4590	A .M	(PIPE) W26-W27	N/A	MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	BW/IP INTERNAT.	33766	N/A	(VALVE) W27-W28	1979	REPLACE- MENT	YES
SP-DCD-212-K5 SH 2 IDCN A	SANDVIK	462117	N/A	(PIPE) W29-W30	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	EDWARDS VALVE	64AFI	N/A	(VALVE) W30-W31	1992	REPLACE- MENT	YES
SP- DCD-212-K5 SH 2 IDCN A	SANDVIK	462117	N/A	(PIPE) W31-W32	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	ALLOY STAINLESS	PB	N/A	(90° EL) W32-W33	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	SANDVIK	462117	N/A	(PIPE) W33-W34	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 SH 2 IDCN A	ALLOY STAINLESS	PB	N/A	(90° EL) W34-W35	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 -H6, SH 1	BAYOU STEEL CORP	19322	N/A	SHIM PLT (NORTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 -H6, SH 1	BAYOU STEEL CORP	19322	N/A	SHIM PLT (SOUTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H7, SH 1	BAYOU STEEL CORP	19322	N/A	PLATE PIPE STRAP	N/A_	REPLACE- MENT	NO

Owner PHILADELPHIA ELECTRIC COMPANY	DateMay 5, 1993
2301 Market Street, Phila, PA. 19101	Sheet 5 of 12
Addrew Flant Limerick Generating Station	UnitTWO
Name P.O. Box 2300 Pottstown, PA. 19464	PECo MOD 5816-2
Addren Work Performed by Philadelphia Electric Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp <u>N/A</u>
2301 Market Street, Phila, PA. 19101	Authorization NoN/AN/AN/AN/A

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

5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda, \* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19.86 and code cases N-416, 1644-9
 \*See Specification B031-P-360, Rev. 13

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Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	(Yes
SP-DCD-212-K4 H9, SH 1.	UNR- LEAVITT	202157	N/A	TS 6X6	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H9, SH 1	UNR- LEAVITT	22806	N/A	TS 4x4 (EAST)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H9, SH 1	UNR- LEAVITT	22806	N/A	TS 4x4 (WEST)	N/A	REPLACE-	NO
SP-DCD-212-K4 H9, SH 1	UNR- LEAVITT	22805	N/A	TS 4x4 (BOT)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H9, SH 1	UNR- LEAVITT	939256	N/A	TS 4x2 (TOP)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H9, SH 1	UNR- LEAVITT	939256	N/A	TS 4x2 (BOT)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H9, SH 1	CONSOLIDATE POWER	D 1G126A6BA	N/A	1/2" PLT (TOP EAST)	N/A	REPLACE-	NO
SP-DCD-212-K4 H9, SH 1	CONSOLIDATE POWER	D 1G126A6BA	N/A	1/2" PLT (BOT EAST)	N/A	REPLACE- MENT	NO
SP-DCD-212-K. H9, SH 1	CONSOLIDATE POWER	D 1G126A6BA	N/A	1/2" PLT (TOP WEST)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 H9, SH 1	CONSOLIDATE POWER	D 1G126A6BA	N/A	1/2" PLT (BOT WEST)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 DS1, SH 1, H4	BAYOU STEEL CORP	19322	N/A	SHIM PLT (NORTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K4 DS1, SH 1, H4	BAYOU	222.24	N/A	SHIM PLT (SOUTH)	N/A	REPLACE- MENT	NO

Date May 5, 1993
12
Sheet 6 of 12
UnitTWO
PECo MOD 5816-2
Repair Organization P.O. No., Job No., Mc.
Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
System Specification 8031-M-167-2 Re
Addenda, * Code Case
nts 19 <u>86</u> and code cases N=410, 164.

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

Name of Component	Name of Manufactumr	Manufacturer Seriel No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-DCD-212-K5 H10, SH 1.	UNR~ LEAVITT	22806	N/A	TS 4x4 (EAST VERT)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H10, SH 1	UNR- LEAVITT	22806	N/A	TS 4x4 (EAST HOZ)	N/A	REPLACE-	NO
SP-DCD-212-K5 H10, SH 1	UNR- LEAVITT	22806	N/A	TS 4x4 (WEST VERT)	N/A	REPLACE-	NO
SP-DCD-212-K5 H10, SH 1	UNR- LEAVITT	22806	N/A	TS 4x4 (WEST HOZ)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H10, SH 1	N. W. STEEL	85243	N/A	ANGLE 4x4	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H10, SH 1	BAYOU	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H10, SH 1	BAYOU	19322	N/A	SHIM PLATE	N/A	REPLACE-	NO
SP-DCD-212-K5 H11, SH 1	UNR- LEAVITT	w62230	N/A	TS 3x3 (EAST VERT)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5	UNR- LEAVITT	W62230	N/A	TS 3x3 (EAST HOR2)	N/A	REPLACE- MENT	NO
H11, SH 1 SP-DCD-212-K5 H11, SH 1	UNR- LEAVITT	W62230	N/A	TS 3x3 (WEST VERT)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H11, SH 1	UNR- LEAVITT	W62230	N/A	TS 3x3 (WEST HORZ)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H11, SH 1	N. W. STEEL	85243	N/A	ANGLE 4x4	N/A	REPLACE- MENT	NO

Owner PHILADELPHIA ELECTRIC COMPANY	DateMay 5, 1993
2301 Market Street, Phila, PA. 19101	Sheet 7 of 12
Addrew PlantLimerick Generating Station	UnitTWO
Plant	PECo MOD 5816-2
Address Dhiladelphia Electric Company	Repair Organication P.O. No., Job No., Mc. Type Code Symbol Stall p
Work Performed by	Authorization No. N/A Expiration Date N/A

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

5. (a) Applicable Construction Code \* 19 \* Edition. \* Addenda. \* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 and code cases N-416, 1644-9
 \*See Specification 8031-P-360, Rev. 13

Name of Component	Name of Manufacturer	Manulacturer Seriel No.	National Board No,	Other	Yaar Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-DCD-212-K5	BAYOU	19322	N/A	PLATE PIPE STRAP	N/A	REPLACE- MENT	NO
H10, SH 1. SP-DCD-212-K5 H11, SH 1	STEEL BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H14, SH 1	UNR- LEAVITT	w62230	N/A	TS 3x3	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H14, SH 1	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K5	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO
H14, SH 1 SP-DCD-212-K5 H15, SH 1	UNR- LEAVITT	w62230	N/A	TS 3x3 (HORZ)	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H15, SH 1	UNR- LEAVITT	W62230	N/A	TS 3x3 (VERT)	N/A	REPLACE- MENT	NO
H15, SH 1 SP+DCD-212-K5 H15, SH 1	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K5 H15, SH 1	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO
H15, SH 1 SP-DCD-212-K5 H16, SE 1	UNR- LEAVITT	W62230	N/A	TS 3x3	N/A	REPLACE- MENT	NO
SP-DCD-212-K5	BAYOU	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
H16, SE 1 SP-DCD-212-K5 H16, SH 1	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO

Owner PHILADELPHIA ELECTRIC COMPANY	DateMay 5, 1993
2301 Market Street, Phila, PA. 19101	Sheet_80f12
Address Plant Limerick Generating Station	UnitTWO
Name P.O. Box 2300, Pottstown, PA. 19464	PECo MOD 5816-2
Addren Work Performed by Philadelphia Electric Company	Repeir Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A N/A
2301 Market Street, Phila, PA. 19101	Authorization NoN/AN/AN/A
Address Identification of System Control Rod Drive Hydraulic	System Specification 8031-M-167-2 R

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							ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamper (Y es or No)
SP-DCD-212-K5	UNR-					REPLACE-	
H17, SH 1.	LEAVITT	W62230	N/A	TS 3x3	N/A	MENT	NO
SP-DCD-212-K5	BAYOU			PLT PIPE	1.1.1	REPLACE-	
H17, SH 1	STEEL	19322	N/A	STRAP	N/A	MENT	NO
SP-DCD-212-K5	BAYOU			SHIM		REPLACE-	1.1
H17, SH 1	STEEL	19322	N/A	PLATE	N/A	MENT	NO
SP-DCD-212-K6	UNR-			TS 4x2		REPLACE-	
DS1, SH 1, H2	LEAVITT	939256	N/A	(TOP)	N/A	MENT	NO
SP-DCD-212-K6	UNR-			TS 4x2		REPLACE-	
DS1, SH 1, H2	LEAVITT	939256	N/A	(BOT)	N/A	MENT	NO
SP-DCD-212-K6	CONSOLIDATE	ıp		1/2" PLT		REPLACE-	12.35
DS1, SH 1, H2	POWER	1G126A6BA	N/A	(TOP EAST)	N/A	MENT	NO
SP-DCD-212-K6	CONSOLIDATI	Þ		1/2" PLT	1.1.1	REPLACE-	1.1
DS1, SH 1, H2	POWER	1G126A6BA	N/A	(BOT EAST)	N/A	MENT	NO
SP-DCD-212-K6	CONSOLIDATE	p (		1/2" PLT	11.1	REPLACE-	1.25
DS1, SH 1, H2	POWER	1G126A6BA	N/A	(TOP WEST)	N/A	MENT	NO
SP-DCD-212-K6	CONSOLIDATE	2D		1/2" PLT	1.1.1	REPLACE-	
DS1, SH 1, H2	POWER	1G126A6BA	N/A	(BOT WEST)	N/A	MENT	NO
SP-DCD-212-K6	BAYOU	1		SHIM PLT	1	REPLACE-	1
DS1, SH 1.H3	STEEL	19322	N/A	(NORTH)	N/A	MENT	NO
SP-DCD-212-K6	BAYOU			SHIM PLT		REPLACE-	1.00
DS1, SH 1, H3	STEEL	19322	N/A	(SOUTH)	N/A	MENT	NO
SP-DCD-212-K6	BAYOU			SHIM PLT	1000	REPLACE-	1
DS1, SH 1, H5	STEEL	19322	N/A	(NORTH)	N/A	MENT	NO

DeteMay 5, 1993		
PECo MOD 5816-2		
Repeir Organization P.O. No., Job No., etc. Type Code Symbol Stamp <u>N/A</u> N/A		
Authorization NoN/AN/		

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

As Required by the Provisions of the ASME Code Section XI

5. (s) Applicable Construction Code \* 19 \* Edition, \* Addenda \* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 and code cases N-416, 1644-9
 \*See Specification 8031-P-360, Rev. 13

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Name of Component		Manufacturer Seriel No.					ASME
	Name of Manufacturer		National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes
SP-DCD-212-K6	BAYOU			SHIM PLT		REPLACE-	
DS1, SH 1, H5	STEEL	19322	N/A	(SOUTH)	N/A	MENT	NO
SP-DCD-212-K1 DS1, SH 1, H6	BAYOU	19322	N/A	SHIM PLT (NORTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K1	BAYOU		~ / ~	SHIM PLT	22.62	REPLACE-	NO
DS1, SH 1, H6	STEEL	19322	N/A	(SOUTH)	N/A	and the second sec	NU
SP-DCD-212-K1 DS1, SH 1, H7	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K1 H9, SH 1	UNR- LEAVITT	939256	N/A	TS 4x2 (TOP)	N/A	REPLACE-	NO
SP-DCD-212-K1 H9, SH 1	UNR- LEAVITT	939256	N/A	TS 4x2 (BOT)	N/A	REPLACE-	NO
SP-DCD-212-K1 H9, SH 1	CONSOLIDATE	second processing and a second s	N/A	1/2" PLT (TOP EAST)	N/A	REPLACE-	NO
SP-DCD-212-K1 H9, SH 1	CONSOLIDATE	and a second state of the second state of the second	N/A	1/2" PLT (BOT EAST)	N/A	REPLACE-	NO
SP-DCD-212-K1 H9, SH 1	CONSOLIDATE	and the second se	N/A	1/2" PLT (TOP WEST)	N/A	REPLACE-	NO
SP-DCD-212-K1 H9, SH 1	CONSOLIDATE	and the second of the local state of the second state of the secon	N/A	1/2" PLT (BOT WEST)	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 DS1, SH 1, H4	BAYOU	19322	N/A	SHIM PLT (NORTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 DS1, SE 1, E4	BAYOU	19322	N/A	SHIM PLT (SOUTH)	N/A	REPLACE- MENT	NO

Owner PHILADELPHIA ELECTRIC COMPANY	Date May 5, 1993
2301 Market Street, Phila, PA. 19101	Sheet 10 of 12
Maidda	TWO
Plant Limerick Generating Station	UnitTWO
P.O. Box 2300, Pottstown, PA. 19464	PECo MOD 5816-2
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp N/A
Work Performed by	Authorization No N/A
2301 Market Street, Phila, PA. 19101	Expiration Date N/A
Address	System Specification 8031-M-167-2

5. (a) Applicable Construction Code \* 19 \* Edition, \* Addenda. \* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 and code cases 'N-416, 1644-9
 \*See Specification 8031-P-360, Rev. 13

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5. 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 Stemped (Yes or No)
SP-DCD-212-K2 H10, SH 1	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H10, SH 1	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H11, SH 1	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H11, SH 1	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE-	NO
SP-DCD-212-K2 H14, SH 1	UNR- LEAVITT	W62230	N/A	TS 3x3	N/A	REPLACE-	NO
SP-DCD-212-K2 H14, SH 1	BAYOU STEEL	19322	n/A	PLT PIPE STRAP	N/A	REPLACE-	NO
SP-DCD-212-K2 H14, SH 1	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H15, SH 1	UNR- LEAVITT	W62230	n/a	TS 3×3	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H15, SH 1	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H15, SH 1	BAYOU STEEL	19322	N/A	SHIM PLATE	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 H16, SH 1	UNR- LEAVITT	W62230	N/A	TS 3x3	N/A	REPLACE- MENT	NO
SP-DCD-212-K2 E16, SE 1	BAYOU STEEL	19322	N/A	PLT PIPE STRAP	N/A	REPLACE- MENT	NO

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

As Required by the Provisions of the ASME Code Section XI

Owne	PHILAD	ELPHIA ELECTRIC COMPANY	Date	May 5, 1993
		Name		
	2301 Market	Street, Phila, PA. 19101	Sheet 11 of	12
-		A.U.D.I. Was		
Plant	Limeri	ck Generating Station	Unit	TWO
		Name 00, Pottstown, PA. 19464		PECo MOD 5816-2
******		Address		nion P.O. No., Job No., me.
Work	Performed by	Philadelphia Electric Comp		N/B
	2301 Market	Street, Phila, PA. 19101	Authorization No.	N/A
and shows the	iffication of System	Addrew Control Rod Drive Hydra	ulic System Speci	fication 8031-M-167-2

5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda \* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 and code cases N-416, 1644-9
 \*See Specification 8031-P-360, Rev. 13

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5. 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	ASHE Code Stamped (Yes or No)
SP-DCD-212-K2	BAYOU			SHIM		REPLACE-	
H16, SH 1	STEEL	19322	N/A	PLATE	N/A	MENT	NO
SP-DCD-212-K2	UNR-	Lune and	1.1	1		REPLACE-	12.81
H17, SH 1	LEAVITT	W62230	N/A	TS 3x3	N/A	MENT	NO
SP-DCD-212-K2	BAYOU			PLT PIPE		REPLACE-	1.5.2
H17, SH 1	STEEL	19322	N/A	STRAP	N/A	MENT	NO_
SP-DCD-212-K2	BAYOU	1		SHIM		REPLACE-	
H17, SH 1	STEEL	19322	N/A	PLATE	N/A	MENT	NO
SP-DCD-212-K3	UNR-			TS 4x2		REPLACE-	
DS1, SH 1, H2	LEAVITT	939256	N/A	(TOP)	N/A	MENT	NO
SP-DCD-212-K3	UNR-	1		TS 4x2		REPLACE-	
DS1, SH 1, H2	LEAVITT	939256	N/A	(BOT)	N/A	MENT	NO
SP-DCD-212-K3	CONSOLIDATE	Þ.		1/2" PLT		REPLACE-	
DS1, SH 1, H2	POWER	1G126A6BA	N/A	(TOP EAST)	N/A	MENT	NO
SP-DCD-212-K3	CONSOLIDATE	Þ		1/2" PLT		REPLACE-	
DS1, SH 1,H2	POWER	1G126A6BA	N/A	(BOT EAST)	N/A	MENT	NO
SP-DCD-212-K3	CONSOLIDATE	Þ		1/2" PLT		REPLACE-	
DS1, SH 1, H2	POWER	1G126A6BA	N/A	(TOP WEST)	N/A	MENT	NO
SP-DCD-212-K3	CONSOLIDATE	Þ.		1/2" PLT		REPLACE-	1
DS1, SH 1, H2	POWER	IG126A6BA	N/A	(BOT WEST)	N/A	MENT	NO
SP-DCD-212-K3	BAYOU			SHIM PLT		REPLACE-	1
DS1, SH 1, H3	STEEL	19322	N/A	(NORTH)	N/A	MENT	NO
SP-DCD-212-K3	BAYOU			SHIM PLT		REPLACE-	1
DS1, SH 1, H3	STEEL	19322	N/A	(SOUTH)	N/A	MENT	NO

FORM NIS-2	OWNER'S	REPORT FOR	RREPAIRS	OH REPLACEMENTS
As Reg	uired by th	ne Provisions o	I the ASME	Code Section XI

s Required by	the Provisions of	the ASME	Code Section A
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	PHILADELPHIA ELECTRIC COMPANY Name 1 Market Street, Phila, PA. 19101	Sheet 22 012
Plant	Addrew Limerick Generating Station	UnitTWO
	Name . Box 2300, Pottstown, PA. 19464	PECo MOD 5816-2
Work Per	Addren Philadelphia Electric Co	Repetr Organization P.D. No., Job No., nt. mpany Type Code Symbol Stamp N/A N/A
	Narket Street, Phila, PA. 19101	Authorization No.

5. (a) Applicable Construction Code \_\_\_\_\_\_ 19 \_\_\_\_ Edition, \_\_\_\_ \* \* Addenda ..... Code Case and code cases N-416, 1644-9 (b) Applicable Edition of Section XI Utilized for Repain or Replacements 19 86 \*See Specification 8031-P-360, Rev. 13

5. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No.	Other Identification	Y kar Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-DCD-212-K3 DS1, SH 1, H5	BAYOU STEEL	19322	N/A	SHIM PLT (NORTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K3 DS1, SH 1, H5	BAYOU STEEL	19322	N/A	SHIM PLT (SOUTH)	N/A	REPLACE- MENT	NO
SP-DCD-212-K9 H2, SH 1	INDEP.	112361	N/A	TS 5x3 ITEM 1	N/A	REPLACE- MENT	NO
SP-DCD-212-K9 H2, SH 1	N.W. STEEL	85243	N/A	TS 4x4 ITEM 2	N/A	REPLACE- MENT	NO
SP-DCD-212-K9 H2, SH 1	UNR- POWER	939256	N/A	TS 4x2 ITEM 3	N/A	REPLACE- MENT	NO
SP-DCD-212-K9 H2, SH 1	LUKENS STEEL	R3102	N/A	PLT ITEM 6 (TOP)	N/A	which is a state of the second state of the second state of the	NO
SP-DCD-212-K9 H2, SH 1	LUKENS STEEL	R3102	N/A	PLT ITEM 6 (BOT)	N/A	REPLACE- MENT	NO
							1

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

1 Owner Philadelphia Electric Company Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2
2 Plant Limerick Generating Station	Unit LG2
Name P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo: WO # R0458203 Ropair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateNA
4. Identification of System_049 RCIC	Line No. HBB-201-2 049-2F001
a) Applicable Construction Code <u>Draft Pump &amp; Valve</u> 19 <u>68</u>	Edition, March 1970_Addenda, N/ACode Cas
(b) Applicable Edition of Section XI Utilized for Repairs or Replac	cements 1986
3. Identification of Components Repaired or Replaced and Replace	ement Components
Name of Name of Manufactures Malacent	Repaired, ASME Code

Name of Component	Name of Manufacturer	Manufacturer Sotial No.	National Board No	Cither Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Va" NPT Pipe Plug	Energy Steel	Heat No 008E	N/A	*114-79171	N/A	Replacement	No
24" NPT Pipe Plug	HUB, Inc.	Heat No. 8653169	N/A	*114-94785	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work. Replaced commercial steel leakoff plugs with ASME materials and seal weld

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 920 psi Test Temp N/A F

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

#### FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We certify that the stateme ASME Code, Section XI	nts made in the report are correct and thisreplacement conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
Signed D.L. Schuie	At for Maintenance Engineer Date March 16 . 19 93
Jwner or Owner's Des	gnee, Title
wher or Owner's Des	gnee, Title
wher or Owner's Des	gnee, Title
wher or Owner's Des	
wher or Owner's Des	CERTIFICATE OF INSERVICE INSPECTION
. the undersigned,holding a valid c	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
. the undersigned,holding a valid c	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of cut have inspected the components describi
, the undersigned,holding a valid c or Province of <u>Pennsylvania</u> Hartford, Connecti n this Owner's Report during the p	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1.8 1. Company</u> cut         indext         eniod         10-14-92         to       6-4-93
, the undersigned,holding a valid c or Province of <u>Pennsylvania</u> Hartford, Connecti n this Owner's Report during the p o the best of my knowledge and b	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stu and employed by <u>H.S.B.I.&amp; I. Company</u> out have inspected the components describ
the undersigned, holding a valid of province of <u>Pennsylvania</u> <u>Hartford, Connecti</u> n this Owner's Report during the p o the best of my knowledge and b Owner's Report in accordance with By signing this certificate neithe	CERTIFICATE OF INSERVICE INSPECTION  ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1.8.1. Company</u> cut
, the undersigned,holding a valid c or Province of <u>Pennsylvania</u> <u>Hartford, Connecti</u> in this Owner's Report during the p to the best of my knowledge and b Owner's Report in accordance with By signing this certificate neithe examinations and corrective measu	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>HSB181. Company</u> cut
the undersigned,holding a valid of province of <u>Pennsylvania</u> <u>Hartford, Connecti</u> n this Owner's Report during the p o the best of my knowledge and b Owner's Report in accordance with By signing this certificate neithe examinations and corrective measu shall be liable in any manner for an	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>HSB181 Company</u> cut

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

	iladelphia Electric Na	Company me		Date	Marc	h 16, 1993	
23(	21 Market Street, P Ad	hiladelphia, PA 1 dress	9101	Sheet	1	012	
PlantLin	nerick Generating Na	Station me		Unit	LG2		
P.C	Box 2300, Sanat	the part of the second s	300			- WO # C01336	
	Ad	dress		Re	pair Orga	nization P.O. No.,	Job No., etc.
Work Perform	med by <u>Philadel</u>	phia Electric Com	pany	Type Co	ode Symt	ol Stamp <u>N</u>	/A
				Authoriz	tation No.	N	I/A
230	1 Market Street, P Add	hiladelphia, PA 1 dress	9101	Expiratio	on Date	N	A
Identification	of System 049 R	CIC		Line No.	HBB-24	5 049-2F068	
(a) Abburga	le Construction Co	NON MONE II II	ari Ealbon,	S-73 Ac	idenda,	N/A	Code Casi
(b) Applicabl	e Edition of Sectio of Components R	n XI Utilized for A	epairs or Repla	acements 19 <u>86</u>	21	N/A	Code Cas
(b) Applicabl	e Edition of Sectio	n XI Utilized for A	epairs or Repla	acements 19 <u>86</u>	21	NA Pepaired, Replaced, or Replacement	1
(b) Applicabl Identification Name of Component	e Edition of Sectio of Components R Name of	n XI Utilized for R lepaired or Replac Manufacturer	epairs or Replaced and Replace	acements 19 <u>86</u> ement Componer Other	nts Vear	Pepaired, Replaced, or	ASME Code Stamped (Yes or
(b) Applicabl Identification Name of Component	e Edition of Sectio of Components R Name of Manufacturer	n XI Utilized for R lepaired or Replac Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	acements 19 <u>86</u> ement Componer Other Identification	Year Buitt	Pepaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(b) Applicabl Identification Name of	e Edition of Sectio of Components R Name of Manufacturer	n XI Utilized for R lepaired or Replac Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	acements 19 <u>86</u> ement Componer Other Identification	Year Buitt	Pepaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(b) Applicabl Identification Name of Component	e Edition of Sectio of Components R Name of Manufacturer	n XI Utilized for R lepaired or Replac Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	acements 19 <u>86</u> ement Componer Other Identification	Year Buitt	Pepaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced disc, disc nut, and cage assembly.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other []

Pressure 920\*\* psi Test Temp. N/A "F \*\*Turbine inlet pressure.

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

XI L2-92-105 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package.

Applia	while 1	khanda	at water	Date De	annels in	in the second	attached
mppno	ante	PATERS INVITE	cinital P	DELET LUE	ipoise ic	1.010	enacheo

	and the star and the state of the state of the	the set of	the second s		
		CERTIF	FICATE OF COMP	LIANCE	
We certify the ASME Code, Section		nade in the report an		replacement c	conforms to the rules of the
Type Code Symbol St	amp	N/A			
Gentificate of Authorizi	ation No.	N/A	Expiration I	Date N/A	
Signed D.L.	Schnielt	A REAL PROPERTY AND A REAL PROPERTY OF A REAL PROPERTY AND A REAL PROPERTY.	e Engineer Date _	March 16	19 93
CHINE OF	Owner's Designes	e, irue			
	Owner's Designee	2, 1100			
	Owner's Designee	с, і пие		ana da da mana da parte da ante da cada da cada Na cada da cada	
	Owner's Designee	2, 1706			
	Owner's Designes		OF INSERVICE INS	SPECTION	
		CERTIFICATE C			
the undersigned, hold	ling a valid comm	CERTIFICATE C	National Board of	Boiler and Pressure V	essel inspectors and the Sta
the undersigned,hold	ling a valid comm ylvania an	CERTIFICATE C	National Board of	Boiler and Pressure Vi	0
the undersigned,hold r Province of <u>Penns</u> Hartfo	ting a valid comm ylvania an rd, Connecticut	CERTIFICATE C hission issued by the of employed by	National Board of ISBL& I. Compan	Boiler and Pressure Vi y have inspect	o ed the components describe
the undersigned,hold r Province of <u>Penni</u> Hartfo this Owner's Report	ting a valid comm vivania ar rd, Connecticut during the period	CERTIFICATE C tission issued by the of employed byH	National Board of IS.B.I.& I. Compan 2-92 to	Boiler and Pressure Vi	ed the components describe
the undersigned,hold r Province of <u>Penni</u> Hartfo this Owner's Report	ting a valid comm vylvania an rd, Connecticut during the period iedge and balief,t	CERTIFICATE C tission issued by the of employed by <u>H</u>	National Board of I.S.B.I.& I. Compan 2 - 92 to rmed examinations	Boiler and Pressure V y have inspect 5 - 6 - 93 and taken corrective r	o ed the components describe , and state the
the undersigned,hold r Province of <u>Penni</u> Hartfo this Owner's Report the best of my know wner's Report in acci	ting a valid comm vylvania an rd, Connecticut during the period ledge and belief,t prdance with the r	CERTIFICATE C tission issued by the of employed by <u>H</u> <u>H - 12</u> the Owner has perfore requirements of the f	National Board of ISBI&I. Compan 2-92 to med examinations ASME Code, Sectio	Boiler and Pressure Vi y have inspect 5 - 6 - 93 and taken corrective r	ed the components describ , and state the measures described in this
the undersigned, hold r Province of <u>Penns</u> Hartfo this Owner's Report the best of my know wher's Report in acci By signing this cert	ting a valid comm vivania an rd, Connecticut during the period ledge and belief,t ordance with the r ifficate neither the	CERTIFICATE C ission issued by the id employed by <u>H</u> <u>H</u> - Li the Owner has perfore requirements of the <i>I</i> Inspector nor his er	National Board of ISBL& I. Compan 2-92 to rmed examinations ASME Code, Section mployer makes any	Boiler and Pressure Vi have inspect 5 - 6 - 93 and taken corrective r on XI. warranty, expressed o	ed the components describ , and state the measures described in this or implied, concerning the
the undersigned, hold r Province of <u>Penns</u> Hartfo this Owner's Report the best of my know wher's Report in acci By signing this cent xaminations and corre	ting a valid comm vivania an rd, Connecticut during the period ledge and belief,t ordance with the r ifficate neither the active measures d	CERTIFICATE C ission issued by the id employed by <u>H</u> <u>H</u> <u>L</u> <u>L</u> the Owner has perfore requirements of the <i>I</i> Inspector nor his error lescribed in this Own	National Board of ISBL& I. Compan 2-92 to rmed examinations ASME Code, Section mployer makes any ner's Report. Furth	Boiler and Pressure Vi have inspect 5-6-93 and taken corrective r on XI. warranty, expressed of termore, neither the ins	ed the components describ and state the measures described in this or implied, concerning the pector nor his employer
the undersigned, hold r Province of <u>Penns</u> <u>Hartfo</u> this Owner's Report the best of my know wher's Report in acci By signing this cent xaminations and corre hall be liable in any n	ting a valid comm vivania an rd, Connecticut during the period ledge and belief,t ordance with the r ifficate neither the active measures d	CERTIFICATE C ission issued by the id employed by <u>H</u> <u>H</u> <u>L</u> <u>L</u> the Owner has perfore requirements of the <i>I</i> Inspector nor his error lescribed in this Own	National Board of ISBL& I. Compan 2-92 to rmed examinations ASME Code, Section mployer makes any ner's Report. Furth	Boiler and Pressure Vi have inspect 5-6-93 and taken corrective r on XI. warranty, expressed of termore, neither the ins	ed the components describe , and state the measures described in this or implied, concerning the
the undersigned, hold r Province of <u>Penns</u> Hartfo this Owner's Report the best of my know wher's Report in acci By signing this cent xaminations and corre hall be liable in any n	ting a valid comm vivania an rd, Connecticut during the period ledge and belief,t ordance with the r ifficate neither the active measures d	CERTIFICATE C ission issued by the id employed by <u>H</u> <u>H</u> - Li the Owner has perfore requirements of the A Inspector nor his er lescribed in this Own rsonal injury or prop	National Board of ISBL& I. Compan 2-92 to rmed examinations ASME Code, Section ASME Code, Section mployer makes any ner's Report. Furth certy damage or a l	Boiler and Pressure Vi have inspect 5-6-93 and taken corrective r on XI. warranty, expressed of termore, neither the Ins loss of any kind arising	ed the components describ and state the measures described in this or implied, concerning the pector nor his employer
the undersigned, hold r Province of <u>Penns</u> Hartfo this Owner's Report to the best of my know wher's Report in accord By signing this cent xaminations and corre- hall be liable in any m respection.	ting a valid comm <u>vivaria</u> an rd, <u>Connecticut</u> during the period ledge and belief, to ordance with the r ifficate neither the ective measures d hanner for any per- <i>Vieward</i>	CERTIFICATE C ission issued by the id employed by <u>H</u> <u>H</u> - Li the Owner has perfore requirements of the A Inspector nor his er lescribed in this Own rsonal injury or prop	National Board of <u>ISBI&amp; I. Compan</u> 2-92 to rmed examinations ASME Code, Section mployer makes any ner's Report. Furth perty damage or a l s PA 2497 I,N&A	Boiler and Pressure Vi have inspect 5-6-93 and taken corrective r on XI. warranty, expressed of termore, neither the Ins loss of any kind arising	ed the components describ and state the measures described in this or implied, concerning the pector nor his employer from or connected with thi
the undersigned, hold r Province of <u>Penns</u> Hartfo this Owner's Report to the best of my know wher's Report in acci By signing this cent xaminations and corre	ting a valid comm <u>vivaria</u> an rd, <u>Connecticut</u> during the period ledge and belief, to ordance with the r ifficate neither the ective measures d hanner for any per- <i>Vieward</i>	CERTIFICATE C ission issued by the id employed by <u>H</u> <u>H</u> - Li the Owner has perfore requirements of the A Inspector nor his er lescribed in this Own rsonal injury or prop	National Board of <u>ISBI&amp; I. Compan</u> 2-92 to rmed examinations ASME Code, Section mployer makes any ner's Report. Furth perty damage or a l s PA 2497 I,N&A	Boiler and Pressure Vi have inspect 5-6-93 and taken corrective r on XI. warranty, expressed of termore, neither the Ins loss of any kind arising	ed the components describ and state the measures described in this or implied, concerning the pector nor his employer from or connected with thi

XI L2-91-063

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

1. OwnerPh	iladelphia Electric Na	Company me		Date	Marc	h 16, 1993	
23(	)1 Market Street, P Ad	'hiladelphia, ) '' 1 dress	9101	Sheet	1	of2	
2. Plant Lin	nerick Generating Na	Station me	interesting of the second	Unit	LG2		
P.C	Box 2300, Sanal Ad	loga, PA 19464-2 dress	300	Re	and the second se	- WO # C007763 nization P.O. No.	suggestion of the second data of the second data of the second data of the second
3. Work Perform	ned by <u>Philadel</u> Na	Contraction and a party of an approximation of the state of a	pany			ool Stamp N	
	140			Authoriz	ation No.	N	/A
230	1 Market Street, P Ad	hiladelphia, PA 1 dress	9101	Expiratio	on Date	N/	A
4. Identification	of System 051 R	HR		Line No	HBB-26	0 HV-051-231	
	le Construction Co e Edition of Sectio				idenda	1516, 1567, 1622	Code Cas
6 Identification	of Components R	lepaired or Replac	ed and Replac	ement Compone	nts		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	Consolidated	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced leakoff plug.

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 0 psi Test Temp. N/A "F

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

XI L2-91-063 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks <u>Manufacturer's Data Report is attached to W/O Package</u>. Applicable Manufacturer's Data Reports to be attached

	-	
	CERTIFICATE OF COMPLIAN	4CE
We certify that the statements made in t ASME Code, Section XI.		replacement conforms to the rules of the ur or replacement
Type Code Symbol StampN/A		
Certificate of Authorization the N/A	Expiration Date	N/A
Signed D. L. Schuidt for Owner or Owner's Designee, Title	Maintenance Engineer Date Mar	ch 16 19 93
Control of Control a Libergride, The		
the undersigned holding a valid commission is	TIFICATE OF INSERVICE INSPECtions of Boild State of	
the undersigned holding a valid commission is Province of <u>Pennsylvenia</u> and emplo Hartford, Connecticut	sued by the National Board of Boil byed by <u>H.S.B.I.&amp; L.Company</u>	er and Pressure Vessel Inspectors and the Sta c have inspected the components describ-
the undersigned holding a valid commission is r Province of <u>Pennsylvenia</u> and emplo	isued by the National Board of Boil byed by <u>H.S.B.I.&amp; L.Company</u> <u>11-12-92</u> to er has performed examinations and	ier and Pressure Vessel Inspectors and the Sta have inspected the components describ 5-11-23, and state the staken corrective measures described in this
the undersigned holding a valid commission is Province of <u>Pennsylvenia</u> and emplo Hartford, Connecticut this Owner's Report during the period the best of my knowledge and belief,the Owne	isued by the National Board of Boil byed by <u>H.S.B.I.&amp; I. Company</u> <u>11-12-92</u> to er has performed examinations and ents of the ASME Code, Section XI or nor his employer makes any war d in this Owner's Report. Furtherm	ier and Pressure Vessel Inspectors and the Standard Pressure Vessel Inspectors and the Standard Pressure inspected the components described $5-11-23$ , and state the staken corrective measures described in this literanty, expressed or implied, concerning the ore, neither the Inspector nor his employer
the undersigned holding a valid commission is Province of <u>Pennsylvania</u> and emploid <u>Hartford</u> , <u>Connecticut</u> this Owner's Report during the period the best of my knowledge and belief, the Owner wher's Report in accordance with the requirem By signing this certificate neither the Inspector caminations and corrective measures described half be liable in any manner for any personal in spection.	isued by the National Board of Boil ayed by <u>H.S.B.I.&amp; I. Company</u> <u>11-12-92</u> to er has performed examinations and ents of the ASME Code, Section XI or nor his employer makes any war to in this Givner's Report. Furthermi- jury or property damage or a loss Commissions <u>PA 2497 I,N&amp;A</u>	have inspected the components describe 5-11-23, and state the staken corrective measures described in this tranty, expressed or implied, concerning the ore, neither the inspector nor his employer of any kind arising from or connected with this
the undersigned holding a valid commission is Province of <u>Pennsylvania</u> and emploid <u>Hartford, Connecticut</u> this Owner's Report during the period the best of my knowledge and belief, the Owne wher's Report in accordance with the requirem By signing this certificate neither the Inspecto commissions and corrective measures described half be liable in any manner for any personal in spection.	isued by the National Board of Boil ayed by <u>H.S.B.I.&amp; I. Company</u> <u>11-12-92</u> to er has performed examinations and ents of the ASME Code, Section XI or nor his employer makes any war to in this Givner's Report. Furthermi- jury or property damage or a loss Commissions <u>PA 2497 I,N&amp;A</u>	ier and Pressure Vessel Inspectors and the Standard Pressure Vessel Inspectors and the Standard Pressure inspected the components described $5-11-23$ , and state the staken corrective measures described in this literanty, expressed or implied, concerning the ore, neither the Inspector nor his employer
the undersigned holding a valid commission is Province of <u>Pennsylvania</u> and emplo <u>Hartford</u> , <u>Connecticut</u> this Owner's Report during the period the best of my knowledge and belief, the Owne wher's Report in accordance with the requirem By signing this certificate neither the Inspector caminations and corrective measures described tail be liable in any manner for any personal in spection.	isued by the National Board of Boil ayed by <u>H.S.B.I.&amp; I. Company</u> <u>11-12-92</u> to er has performed examinations and ents of the ASME Code, Section XI or nor his employer makes any war to in this Givner's Report. Furthermi- jury or property damage or a loss Commissions <u>PA 2497 I,N&amp;A</u>	have inspected the components describ 5-11-23, and state the staken corrective measures described in this tranty, expressed or implied, concerning the ore, neither the inspector nor his employer of any kind arising from or connected with this

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

1. Owner <u>Philadelphia Electric Company</u> Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # C0087569 C008752 Repair Organization P.O. No., Job No., etc
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
Identification of System_051 RHR	Line No GBB-208 FO-051-221A&B
(a) Applicable Construction Code ASME III 1974 Edition.	W-74 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	acements 1986
. Identification of Components Repaired or Replaced and Repla	cement 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)
%/ SS Orifice	Consolidated	Heat No. 1X108	N/A	*114-66337	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work. Replaced flow orifices with spacer plates.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 225 psi Test Temp N/A F

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

XI L2-92-011 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks. Manufacturer's Data Report is attached to W/O Package.

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мррисаси	e Manufact	UTOI & UBI	a meporta	10 06 5	machec.

Type Code Symbol Stamp       N/A         Certificate of Authorization No       N/A         Signed       N/A         Deviner or Owner's Designee, Title       Tor Maintenance Engineer         Deviner or Owner's Designee, Title       N/A         Exprision Date       N/A         Deviner or Owner's Designee, Title       N/A         Exprision Date       N/A         Exprision Date       N/A         Exprision Date       N/A         Exprision Date       N/A         Deviner or Owner's Designee, Title       Deviner or Owner's Designee, Title         Exprision Date       March         Province of       Pennsylvania         Hardford, Connecticut       have inspected the components described         This Owner's Report during the period       C-24 -92         The best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report.         What the traditions and corrective measures described in this Owner's Report.         By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the caminations and corrective measures described in this Owner's Report.         Mathematican and corrective measures described in this Owner's Report.         Systeminations and corrective measures described in this Owner's Report.		
We certify that the statements made in the report are correct and thisreplacement conforms to the rules of the repair or replacement		
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We certify that the statements made in the report are correct and thisreplacement conforms to the rules of the repair or replacement		
ASME Code, Section XI.  repair or replacement  rype Code Symbol Stamp		CERTIFICATE OF COMPLIANCE
Certificate of Authorization NoNA Expiration DateNA	We contify that the statements mad ASME Code, Section XI.	
Signed Device of Owner or Owner's Designee, Title           CERTIFICATE OF INSERVICE INSPECTION   The undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of Pennsylvania and employed by H.S.B.I.& I Company thave inspected the components describe this Owner's Report during the period 6-24-92 to 6-3-93 and state this where'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 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 seminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the seminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer halbe liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this spection. Marchan Commissions <u>PA 2497 I&amp;N</u> National Board. State, Province, and Endorsements	Type Code Symbol Stampt	N/A
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of Pennsylvania and employed by H.S.B.I.& I. Company	Certificate of Authorization NoN	I/A Expiration Date N/A
CERTIFICATE OF INSERVICE INSPECTION         the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of Pennsylvania and employed by H.S.B.I.& I. Company         Province of Pennsylvania and employed by H.S.B.I.& I. Company       have inspected the components described in the second during the period	signed D.k. Selvine of	for Maintenance Engineer Date March 16 . 19 93
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> this Owner's Report during the period <u>G-24 - 92</u> to <u>G-3 - 93</u> and state this the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this while '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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property demage or a loss of any kind arising from or connected with the spectror's Signature Commissions. <u>PA 2497 I&amp;N</u> National Board, State, Province, and Endorsements	Owner or Owner's Designee, T	tie
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Province of Pennsylvania and employed by H.S.B.1&1 Company       have inspected the components described in this Owner's Report during the period       C-24 - 92       to C-3 - 9.3       and state this owner's Report during the period         In this Owner's Report during the period       C-24 - 92       to C-3 - 9.3       and state 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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the spection.         Inspector's Signature       Commissions       PA 2497 I&N         National Board. State, Province, and Endorsements       National Board. State, Province, and Endorsements		
Hartford, Connecticut       have inspected the components described in this Owner's Report during the period       Image: Components of the ASME Code, Section XI.         In the best of my knowledge and belief the Owner has performed examinations and taken corrective measures described in this writer's Report in accordance with the requirements of the ASME Code, Section XI.       Image: Components 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 caminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property demage or a loss of any kind arising from or connected with the repetition.         Image: Commissions       PA 2497 I&N         Inspector's Signature       Commissions         PA 2497 I&N       National Board. State, Province, and Endorsements		
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Inspector's Signature National Board, State, Province, and Endorsements	potentin / D/ /	7
	Saul Amaint	Commissions PA 2497 I&N
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Date 4 JULIE 19 73		
	Date 4 JULIE 19 93	
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadel_hia, PA 19101 Address	Sheet 1 of 2
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # R0460296
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol StampN/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
Identification of System 051 RHR	Line No. GBB-201-1 051-2F031A
(a) Applicable Construction Code ASME III 1971 Edition, S-71	Addenda,N/ACode Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacem	ents 1986

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	Energy Steel	Heat No. DOBE	N/A	*114-79171	N/A	Replacement	No

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6. Identification of Components Repaired or Replaced and Replacement Components

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\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced commercial steel leakoff plugs with ASME materials and seal weld.

8 Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [ ] Pressure 150 psi Test Temp. N/A "F

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

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XI L2-92-039 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package.

Applicable Manufacturer's Data Reports to be attach	ed
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	CERTIFICATE	OF COMPLIANCE		
We certify that the statements ASME Code, Section XI.	made in the report are correc	the second	ement confo replacement	orms to the rules of the
ype Code Symbol Stamp	N/A			
Sertificate of Authorization No	N/A	Expiration Date	N/A	
signed DL. Schuise	H for Maintenance Engin	er Date March	16	19 93
	66. ITIA			
Owner of Owner's Design				
the undersigned,holding a valid com	CERTIFICATE OF INSE	al Board of Boiler an		
the undersigned,holding a valid com Province of <u>Pennsylvania</u> Hartford, Connecticut	CERTIFICATE OF INSE imission issued by the Nation and employed by <u>H.S.B.I.&amp;</u>	al Board of Boiler an I. Company	d Pressure Vesse have inspected th	l inspectors and the Sta
the undersigned,holding a valid com Province of Pennsylvania	CERTIFICATE OF INSE mission issued by the Nation and employed by <u>H.S.B.I.8</u> od <u>11-13-9</u> f, the Owner has performed ex	al Board of Boiler an 1. Company 7.2. to 2.2. to 2.2. aminations and take	d Pressure Vesse have inspected the $-4 - 93$	c he components describ , and state the
the undersigned, holding a valid com Province of <u>Pennsylvania</u> <u>Hartford, Connecticut</u> this Owner's Report during the perio the best of my knowledge and belie wner's Report in accordance with the By signing this certificate neither th caminations and corrective measures hall be liable in any manner for any p	CERTIFICATE OF INSE imission issued by the Nation and employed by <u>H.S.B.I.8</u> od <u>11-13-9</u> fithe Owner has performed ex e requirements of the ASME C he inspector nor his employer described in this Owner's Re	al Board of Boiler an <u>1. Company</u> <u>22</u> to aminations and take ode, Section XI. makes any warranty port. Furthermore, r	d Pressure Vesse have inspected the $-4 - 93$ in corrective mean , expressed or impether the Inspect	he components describ , and state this sures described in this plied, concerning the tor nor his employer
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XI L2-93-021

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of _2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # R0460425
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol StampN/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
Identification of System 051 RHR	Line No. GBB-218-2 051-2F090A
(a) Applicable Construction Code ASME III 1971 Edition.	W-73 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repl	acementa 1986
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Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Velan Valve	Heat No. 6247	N/A	*114-33943	N/A	Replacement	No

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6. Identification of Components Repaired or Replaced and Replacement Components

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\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced disc, disc nut, and cage assembly.

8. Tests conducted Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 173 psi Test Temp. N/A °F

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

(12/82)

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XI L2-93-021 Sheet 2 of 2

## FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We cardle that the statement	its made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A Expiration Date N/A
	11
Signed L.L. Schulle	It for Maintenance Engineer Date March 16 19 93
Owner or Owner's Desig	gnee, Title
Owner or Owner's Desi	gnee, Title
Owner or Owner's Desi	gnee, Title
Dwner or Owner's Desi	gnee, Title
Owner or Owner's Desi	gnee, Title
Owner or Owner's Desi	gnee, Title
Dwner or Owner's Desi	CERTIFICATE OF INSERVICE INSPECTION
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid or	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
the undersigned,holding a valid or ir Province ofPennsylvania	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.1.& I. Company
the undersigned,holding a valid or ir Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE INSPECTION ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stu and employed by <u>H.S.B.1.&amp; I. Company</u> authave inspected the components describ
the undersigned,holding a valid or in Province of <u>Pennsylvania</u> Hartford, Connectio n this Owner's Report during the pe	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stagand employed by <u>H.S.B.1.8.1 Company</u> and employed by <u>H.S.B.1.8.1 Company</u> bave inspected the components describ         and <u>2-7-93</u> to <u>5-3-93</u>
the undersigned,holding a valid or in Province of <u>Pennsylvania</u> Hartford, Connectio h this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stagand employed by <u>H.S.B.1.8.1 Company</u> and employed by <u>H.S.B.1.8.1 Company</u> have inspected the components describered         and company         and state the components describered         and state the components describered         and state the components describered
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the undersigned holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the peo- the best of my knowledge and be owner's Report in accordance with the Owner's Report in accordance with the By signing this certificate neither xaminations and corrective measure hall be liable in any manner for any respection.	CERTIFICATE OF INSERVICE INSPECTION  ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1.8.1 Company</u> have inspected the components describe inicid <u>2-7-93</u> to <u>5-3-93</u> and state the lifet the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer y personal injury or property damage or a loss of any kind arising from or connected with thi
the undersigned holding a valid or province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> n this Owner's Report during the pe o the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither xaminations and corrective measur	CERTIFICATE OF INSERVICE INSPECTION  ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.1.8.1 Company</u> have inspected the components describe inicid <u>2-7-93</u> to <u>5-3-93</u> and state the lifet the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer y personal injury or property damage or a loss of any kind arising from or connected with thi
the undersigned, holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> In this Owner's Report during the pe of the best of my knowledge and be owner's Report in accordance with 1 By signing this cortificate neither examinations and corrective measur hall be liable in any manner for any happection <u>Manual Angelera</u> Inspector's Signature	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Still and employed by <u>H.S.B.1.8.1 Company</u> have inspected the components described in discribing <u>2-7-93</u> to <u>5-3-93</u> and state the lifet the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.         The Inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer y personal injury or property damage or a loss of any kind arising from or connected with this Commissions <u>PA 2497 18N</u>
the undersigned holding a valid or province of <u>Pennsylvania</u> <u>Hartford, Connection</u> this Owner's Report during the peo of the best of my knowledge and be owner's Report in accordance with the Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure hall be liable in any manner for any pepertion	CERTIFICATE OF INSERVICE INSPECTION         ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Still and employed by <u>H.S.B.1.8.1 Company</u> have inspected the components described in discribing <u>2-7-93</u> to <u>5-3-93</u> and state the lifet the Owner has performed examinations and taken corrective measures described in this the requirements of the ASME Code, Section XI.         The Inspector nor his employer makes any warranty, expressed or implied, concerning the es described in this Owner's Report. Furthermore, neither the Inspector nor his employer y personal injury or property damage or a loss of any kind arising from or connected with this Commissions <u>PA 2497 18N</u>

XI L2-93-028

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet of _2
Address	
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0140703
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol StampN/A
Ivenne	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System_051 RHR	Line No. GBB-201 HV-C-051-2F048A
(a) Applicable Construction Code ASME ill 1974 Edition	S-75 Addenda. N/A Code Car
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	

6 Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(2) ½° NPT Pipe Plugs	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced upper and lower leakoff plugs.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 215 psi Test Temp. N/A "F

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

(12/82)

XI L2-93-028 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks 1. Manufacturer's Data Report is attached to W/O Package.

	100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100			the second se
Applicable Mar	CERTINET & I	1810 10070	175 10 14	REACHES

2. A/R A0724791 initiated to address packing leakage at upper leakoff plug threaded connection

#### CERTIFICATE OF COMPLIANCE

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

ertificate of Authorization No	N/A	Expiration Date	N/A	
ioned DL. Schnick	for Maintena	nce Engineer_Date_March_	16	19 93

#### CERTIFICATE OF INSERVICE INSPECTION

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

Hartford, Connecticut		have inspected the con	nponents described
in this Owner's Report during the period	16 FEB 93 to	6 MAY 93	. and state that
to the best of my knowledge and belief the Owner h			described in this
Owner's Report in accordance with the requirements	s 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 manger for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions PA 2497 I.N&A

6 automait Inspector's Signature

National Board, State, Province, and Endorsements

Date

6 MAY 19 93

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet
Plant Limerick Generating Station	Unit LG2
Name P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131586
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by	Type Code Symbol Stamp N/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
Identification of System 051 RHR	Line No. EBB-221-2 HV-051-2F052A
(a) Applicable Construction Code ASME III 1974 Edition.	W-74 Addenda, 1518-1, 1567, 1622, 1692 Code Cas

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Nam Com	e of iponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" N Pipe	IPT Plug	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No

\*Traceability per PECo Part Code No.

7. Description of Work: Replaced commercial steel leakoff plug with ASME material and seal weld.

8. Tests conducted. Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 1000 psi Test Temp. N/A "F

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

(12/82)

XI L2-92-036 Sheet 2 of 2

## FORM NIS-2 (BACK)

9	Remarks	Mani	dactu	ner's	Data	Report	is.	atteo	hed	to	W/O	Package	

Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statement ASME Code, Section XI.	is made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorization No	N/A Expiration Date N/A
signed D.L. Schnid	A tor Maintenance Engineer Date March 16 . 19 93
Owner or Owner's Desig	nee, Title
or Province of Pennsylvania	and employed by H.S.B.I.& I. Company o
Province of Pennsylvania Hartford, Connectics	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> o It have inspected the components describe
or Province of <u>Pennsylvania</u> Hartford, Connectics n this Owner's Report during the per	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by H.S.B.I.& I. Company of At have inspected the components describe riod 12-4-92 to 6-3-93 and state tha
n this Owner's Report during the per o the best of my knowledge and bel	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> o ato
br Province of <u>Pennsylvania</u> <u>Hartford, Connectics</u> In this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by H.S.B.I.& I. Company o at have inspected the components described riod $12-4-92$ to $6-3-93$ , and state tha ief,the Owner has performed examinations and taken corrective measures described in this
br Province of <u>Pennsylvania</u> <u>Hartford, Connectics</u> In this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.L&amp;I. Company</u> of <u>the standard of Boiler and Pressure Vessel Inspectors and the Sta</u> of <u>12-4-92</u> to <u>6-3-93</u> , and state the ief,the Owner has performed examinations and taken corrective measures described in this he requirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the is described in this Owner's Report. Furthermore, neither the Inspector nor his employer
br Province of <u>Pennsylvania</u> <u>Hartford</u> , <u>Connectics</u> In this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any inspection	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of <u>the inspected by H.S.B.I.&amp; I. Company</u> of <u>the inspected the components described</u> ief,the Owner has performed examinations and taken corrective measures described in this he requirements of the ASME Code. Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the is described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this Commissions <u>PA 2497 I,N&amp;A</u>
br Province of <u>Pennsylvania</u> <u>Hartford, Connectics</u> In this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> of <u>the components of the State Inspected the components described</u> nod <u>12-4-92</u> to <u>6-3-93</u> , and state the ief,the Owner has performed examinations and taken corrective measures described in this he requirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the is described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this
or Province of <u>Pennsylvania</u> <u>Hartford</u> , <u>Connectics</u> In this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measures shall be liable in any manner for any inspection <u>Manual Anna Anna Anna Anna Anna Anna Anna An</u>	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> a <u>have inspected the components described</u> nod <u>12-4-92</u> to <u>6-3-93</u> and state the ief,the Owner has performed examinations and taken corrective measures described in this he requirements of the ASME Code. Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the is described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this Commissions <u>PA 2497 I,N&amp;A</u>
or Province of <u>Pennsylvania</u> <u>Hartford</u> , <u>Connectics</u> In this Owner's Report during the per o the best of my knowledge and bel Owner's Report in accordance with the By signing this certificate neither examinations and corrective measures shall be liable in any manner for any inspection <u>Manual Andrea</u> Inspector's Signature	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S.B.I.&amp; I. Company</u> a <u>have inspected the components described</u> nod <u>12-4-92</u> to <u>6-3-93</u> and state the ief,the Owner has performed examinations and taken corrective measures described in this he requirements of the ASME Code. Section XI. the Inspector nor his employer makes any warranty, expressed or implied, concerning the is described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this Commissions <u>PA 2497 I,N&amp;A</u>

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

1. Owner <u>Philedelphia Electric Compeny</u> Name	Date <u>April 5, 1993</u>	
2301 Market Street, Philedelphia, PA 19101 Address	Sheetof3	
2. Plant Limerick Generating Station Name	Unit2	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo MOD 6147-2	
Address	Repair Organization P.O. No., Job No., etc	
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Coda Symbol Stamp <u>NA</u>	
	Authorization No. NA	
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA	

4. Identification of System Residual Heat Removel

5. (a) Applicable Construction Code ASME Sec. III 19 74 Edition, Winter 1974 Addenda, N-416 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1988

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Staniped (Yes or No)
18" x 6" Waldolet	WFI Nuclear Products	HT#360RNF	NĂ	GBB-218-2	NA	Replacement	No
6" Pipe	U.S.Steel	X05937	NA	GBB-218-2	NA	Replacement	No
6*- 90* Elbow	Ladish	DT6T	NA	GBB-218-2	NA	Replacement	No
6* Pipe	U.S.Steel	X05937	NA	G88-218-2	NA	Replacement	No
5" Gate Valve	Borg Warner	51697	NA	051-2178	1979	Replacement	Yes

5. Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work Cross connection between RHR and Fire Protection Systems

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🕅

Other C Pressure 330 psi Test Temp. 80 \*F.

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

(12/82)

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

Owner Philadelphia Electric Company	Date April 5, 1993	
Name		
2301 Market Street, Philadelphia, PA 18101	Sheet 2 of	3
Address		
Plant Limerick Generating Station	Unit 2	and the second secon
Name		
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO MOD I	\$147-2
Address	Repair Organization P.O. No.,	Job No., etc.
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Sta	mp <u>NA</u>
	Authozetion No.	NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date	NA
Address		

4. Identification of System Residual Hest Removal

5. (a) Applicable Construction Code ASME Sec. III 19 74 Edition, Winter 1974 Addends, N-416 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yesr Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6" pipe	U.S.Steel	X05937	NA	GBB-218-2	NA	Replacement	No
6" Check Valve	Anchor Darling	E6318-67-3	NA	051-2177	1979	Replacement	Yes
6* Pipe	U.S.Steel	X05937	NA	GBB-218-2	NA	Replacement	No
%* Half Coupling	Bonney Forge	DB14	NA	GBB-218-2	NA	Replacement	No
5/8" HH Nut	John Smit	215	NA	051-2177	NA	Replacement	No

6. Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work Cross connection between RHR and Fire Protection Systems

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Norminal Operating Pressure 🕱

Other D Pressure 330 psi Test Temp. 80 \*F.

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

(12/82)

FORM NIS-2 (BACK)

9. Remarks <u>Replacements were performed in accordance with ASME Section XI, Code Case N-416,</u> Applicable Manufacturer's Data Reports to be attached

MDCP 6147-2 and ERRFs L-2906, L-2918, L-2981, L-2992, L-3000, L-3014, L-3018, L-3021, L-3025 and L-3031.

#### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol StampNA	
and the second second	Expiration Date
Certificate Arturkoctation NA	Day 1 02
Signed filled & portan Contract Date	MM/L 4 . 19 72
Owner or Owner's Designee, Title	

	ERTIFICATE OF INSERVICE	INSPECTION	
the undersigned, holding a valid commissi	on issued by the National Bo	ard of Boiler and Pressur	re Vessel Inspectors and th
tate or Province of Pennsylvenia	and employed by H.S.B.I.	1. Company	0
Hartford, CT this Owner's Report during the period	A = 0 02	have inspected th	e components described
this Owner's Report during the period	- take 16 10	lod	international Drive Places they
the best of my knowledge and belief, the	Dunny has nertormad even	UNATIONS AND TAKEN POTTS	ctive measures described
THE PARTY OF THE P	Pasiler ligs benonling even	unations and taken come	
s Owner's Report in accordance with the	requirements of the ASME	Code, Section XI.	
is Owner's Report in accordance with the	requirements of the ASME	Code, Section XI.	
is Owner's Report in accordance with the	requirements of the ASME	Code, Section XI.	
is Owner's Report in accordance with the By signing this certificate neither the In	spector nor his employer ma	Code, Section XI. kes any warranty, expres	ssed or implied, concernin
his Owner's Report in accordance with the By signing this certificate neither the In he examinations and corrective measures d	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep	Code, Section XI. kes any warranty, expres ort.Furthermore, neither t	ssed or implied, concerning he inspector nor his employ
his Owner's Report in accordance with the	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep	Code, Section XI. kes any warranty, expres ort.Furthermore, neither t	ssed or implied, concerning he inspector nor his employ
his Owner's Report in accordance with the By signing this certificate neither the In he examinations and corrective measures d	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep	Code, Section XI. kes any warranty, expres ort.Furthermore, neither t	ssed or implied, concerning he inspector nor his employ
his Owner's Report in accordance with the By signing this certificate neither the In he examinations and corrective measures d hall be liable in any manner for any persor	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep hel injury or property damag	Code, Section XI. kes any warranty, expre- ort.Furthermore, neither t s or a loss of any kind ar	ssed or implied, concerning he inspector nor his employ
his Owner's Report in accordance with the By signing this certificate neither the In he examinations and corrective measures d hall be liable in any manner for any persor	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep hel injury or property damag Commissions PA-245	Code, Section XI. kes any warranty, expre- pri.Furthermore, neither t s or a loss of any kind ar 7 I&N	ssed or implied, concerning he inspector nor his employ ising from or connected w
is Owner's Report in accordance with the By signing this certificate neither the In the examinations and corrective measures d hall be liable in any manner for any person us inspection.	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep hel injury or property damag Commissions PA-245	Code, Section XI. kes any warranty, expre- pri.Furthermore, neither t s or a loss of any kind ar 7 I&N	ssed or implied, concernin he inspector nor his emplor ising from or connected w
his Owner's Report in accordance with the By signing this certificate neither the In he examinations and corrective measures d hall be liable in any manner for any persor	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep hel injury or property damag Commissions PA-245	Code, Section XI. kes any warranty, expre- ort.Furthermore, neither t s or a loss of any kind ar	ssed or implied, concerning he inspector nor his employ ising from or connected w
his Owner's Report in accordance with the By signing this certificate neither the In the examinations and corrective measures d hall be liable in any manner for any person his inspection.	requirements of the ASME spector nor his employer ma escribed in this Owner's Rep hel injury or property damag Commissions PA-245	Code, Section XI. kes any warranty, expre- pri.Furthermore, neither t s or a loss of any kind ar 7 I&N	ssed or implied, concernin he inspector nor his emplor ising from or connected w

(12/82)

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

	wnerPhiladelphia Electric Company Name				Marci	h 16, 1993			
23	01 Market Street, P	hiladelphia, PA 1	9101	Sheet	1	of 2			
	Adi	dress							
Plant Lin	nerick Generating !	Station		Unit	LG2	1.			
Name P.O. Box 2300, Sanatoga, PA 19464-2300									
					PECo - WO # R0468121				
	Ad	dress		Rej	pair Organ	nization P.O. No.,	Job No., etc.		
Work Perfor	med by _ Philadel	phia Electric Com	pany	Type Co	ode Symb	ol Stamp N	A		
	Ne	me							
				Authoriz	ation No.	N	A/		
23(	1 Market Street, P	and a final second surface to the stage to a supervise of the first descent of second	9101	Expiratio	on Date	N/	A		
	Add	dress							
Identification	of System_055 H	PCI		Line No.	SP-EBB	229-E2 055-20	48		
(a) Applicab	le Construction Co	de ASME III 1	977 Edition.	N/A A	ddenda.	N/A	Code Cas		
	le Construction Co				ddenda	N/A	Code Cas		
	le Construction Co le Edition of Sectio				ddenda	N/A	Code Cas		
(b) Applicab		on XI Utilized for R	epairs or Repla	acements 19 <u>86</u>		N/A	Code Cas		
(b) Applicab	le Edition of Sectio	on XI Utilized for R	epairs or Repla	acements 19 <u>86</u>		N/A Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
(b) Applicab Identification Name of Component	le Edition of Sectio	n XI Utilized for R lepaired or Replac Manufacturer	epairs or Replaced and Replace	acements 19 <u>86</u> ement Componer Other	nts Year	Repaired, Replaced, or	ASME Code Stamped (Yes or		
(b) Applicab Identification Name of Component	le Edition of Sectio of Components R Name of Manufacturer Rockwell	n XI Utilized for R lepaired or Replac Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	ocements 19 <u>86</u> cement Componer Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
(b) Applicab Identification	le Edition of Sectio of Components R Name of Manufacturer Rockwell	n XI Utilized for R lepaired or Replac Manufacturer Serial No.	epairs or Repla ed and Replac National Board No.	ocements 19 <u>86</u> cement Componer Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		

7. Description of Work: Removed existing body to cover seal weld for IST inspection. Installed new body to cover seal weld

8. Tests conducted Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1140 psi Test Temp N/A "F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8.1/2 in x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

XI L2-92-069 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/O Package. Applicable Manufacturer's Data Reports to be attached

	CERTIF	ICATE OF COMPLIAN	ICE	
We certify that the statement ASME Code, Section XI	s made in the report are	The second se	eplacement c ir or replacement	onforms to the rules of the
Type Code Symbol Stamp	N/A			
Sertificate of Authorization No	N/A	Expiration Date	N/A	
igned DL. Schaine		Engineer Date Man	ch 16	19 93
	Title			
Owner or Owner's Desig		F INSERVICE INSPE	CTION	
the undersigned holding a valid co	CERTIFICATE O	National Board of Boil		
the undersigned.holding a valid co	CERTIFICATE O mmission issued by the and employed by <u>H</u>	National Board of Boil S.B.I.& I. Company	er and Pressure Ve	essel inspectors and the Sta o
the undersigned,holding a valid co r Province of <u>Pennsγlvania</u> Hartford, Connecticu this Owner's Report during the per o the best of my knowledge and bel	CERTIFICATE O mmission issued by the and employed by <u>H</u> t iod <u>1-/2-</u> ef,the Owner has perfor	National Board of Boil S.B.I.& I. Company 93 to med examinations and	er and Pressure Ve have inspect 5-12-93 taken corrective r	o ad the components describe , and state tha
the undersigned holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wher's Report in accordance with th By signing this certificate neither caminations and corrective measure hall be liable in any manner for any	CERTIFICATE O mmission issued by the and employed by <u>H</u> tod <u>1-1/2-</u> el the Owner has perfor re requirements of the A the Inspector nor his em s described in this Own personal injury or prope	National Board of Boil S.B.I.& I. Company 93 to med examinations and SME Code, Section XI sployer makes any war er's Report. Furthermi	er and Pressure Ve have inspect 5-12-93 taken corrective r ranty, expressed o ore, neither the Ins	the components describe and state that neasures described in this r implied, concerning the pector nor his employer
the undersigned holding a valid co Province of <u>Pennsylvania</u> <u>Hartford, Connecticu</u> this Owner's Report during the per the best of my knowledge and bel wner's Report in accordance with th	CERTIFICATE O mmission issued by the and employed by <u>H</u> tod <u>1-1/2-</u> el the Owner has perfor re requirements of the A the Inspector nor his em s described in this Own personal injury or prope	National Board of Boil S.B.I.& I. Company 93 to med examinations and SME Code, Section XI sployer makes any war er's Report. Furthermi erty damage or a loss	er and Pressure Ve have inspect 5-12-93 I taken corrective r ranty, expressed o ore, neither the Ins of any kind arising	the components describe and state that neasures described in this r implied, concerning the pector nor his employer from or connected with this

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0088884
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 055 HPCI	Line No. HBB-209-1 HV-055-2F042
(a) Applicable Construction Code ASME III 1971 Ed	lition, S-71 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
%" NPT Pipe Plug	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No
-							

\*Traceability per PECo Part Code No.

7. Description of Work. Replaced commercial steel leakoff plug with ASME material and seal weld.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [ ] Pressure 22 (ft) psi Test Temp. N/A °F

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

(1.2/82)

XI L2-92-073 Sheet 2 of 2

## FORM NIS-2 (BACK)

	Applicable Manufacturer's [	Data Reports to be	attached
	CERTIFICAT	E OF COMPLIAN	CE
We certify that the statement ASME Code, Section XI.	ts made in the report are con		placement conforms to the rules of t r or replacement
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed D. L. Schnie	If for Maimenance Eng	aineer_Date_Marc	n 16 19 93
Owner or Owner's Desig	nee, Title		
r Province of Pennsylvania	and employed by H.S.B.I	onal Board of Boile	ar and Pressure Vessel Inspectors and the
n Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe	mmission issued by the Nati and employed by <u>H.S.B.I</u> II riod <u>I-18-</u> 9	onal Board of Boile & I. Company 3 to	n and Pressure Vessel Inspectors and the have inspected the components des 5-/1-93 and state
Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe of the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither examinations and corrective measure shall be liable in any manner for any	emmission issued by the Nati and employed by <u>H.S.B.I</u> riod <u>I-18-9</u> lief.the Owner has performed he requirements of the ASME the Inspector nor his employ es described in this Owner's personal injury or property of	onal Board of Boile & I. Company 23 to examinations and Code, Section XI. For makes any warr Report. Furthermo damage or a loss o	ar and Pressure Vessel Inspectors and the have inspected the components des <u>5-11-23</u> and state taken corrective measures described in t
A Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe to the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither examinations and corrective measure hall be liable in any manner for any inspection.	emmission issued by the Nati and employed by <u>H.S.B.I</u> riod <u>I-IB-9</u> lief.the Owner has performed he requirements of the ASME the Inspector nor his employ es described in this Owner's personal injury or property of Commissions	onal Board of Boile & I. Company 23 to examinations and Code, Section XI. For makes any warr Report. Furthermo damage or a loss of PA 2497 I,N&A	ar and Pressure Vessel Inspectors and the have inspected the components des <u>5-11-93</u> and state taken corrective measures described in t anty, expressed or implied, concerning the re, neither the inspector nor his employer d any kind arising from or connected with
Ar Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe to the best of my knowledge and be owner's Report in accordance with t By signing this certificate neither examinations and corrective measure shall be liable in any manner for any inspection. Inspector's Signature	emmission issued by the Nati and employed by <u>H.S.B.I</u> riod <u>I-IB-9</u> lief.the Owner has performed he requirements of the ASME the Inspector nor his employ es described in this Owner's personal injury or property of Commissions	onal Board of Boile & I. Company 23 to examinations and Code, Section XI. For makes any warr Report. Furthermo damage or a loss of PA 2497 I,N&A	ar and Pressure Vessel Inspectors and the have inspected the components des <u>5-11-93</u> and state taken corrective measures described in t anty, expressed or implied, concerning the re, neither the Inspector nor his employer
or Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe to the best of my knowledge and be Owner's Report in accordance with t By signing this certificate neither examinations and corrective measures shall be liable in any manner for any inspection.	emmission issued by the Nati and employed by <u>H.S.B.I</u> riod <u>I-IB-9</u> lief.the Owner has performed he requirements of the ASME the Inspector nor his employ es described in this Owner's personal injury or property of Commissions	onal Board of Boile & I. Company 23 to examinations and Code, Section XI. For makes any warr Report. Furthermo damage or a loss of PA 2497 I,N&A	ar and Pressure Vessel Inspectors and the have inspected the components des <u>5-11-93</u> and state taken corrective measures described in t anty, expressed or implied, concerning the re, neither the inspector nor his employer d any kind arising from or connected with

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

Sheet 1 of 2
Unit LG2
PECo - WO # C0131606
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization NoN/A
Expiration DateN/A
Line No. EBB-234-1 HV-055-2F011
S-73 Addends, N/A Code Ca
I'M I I'MI

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)
%" NPT Pipe Plug	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No
		A CLARK COMPANY CONTRACTOR					

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced commercial seal leakoff plug with ASME material.

B. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1140 psi Test Temp. N/A "F

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

XI L2-92-080 Sheet 2 of 2

#### FORM NIS-2 (BACK)

ASME Code, Section XI. repair or replacement Type Code Symbol Stamp <u>N/A</u> Centificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>D.L.Schwick</u> for Maintenance Engineer Date March <u>16</u> 19 <u>93</u> Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Phard of Boiler and Pressure Vessel Inspectors and the S or Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> Hartford, Connecticut have inspected the components descr		Applicable Manufactur	er's Data Reports to be	attached
We certify that the statements made in the report are correct and this				
We certify that the statements made in the report are correct and this				
We certify that the statements made in the report are correct and this			4	
ASME Code, Section XI.  Type Code Symbol Stamp N/A  Centrificate of Authorization No. N/A Expiration Date N/A  Eigned D.L. Durweight for Maintenance Engineer Date March 16 19 93  CERTIFICATE OF INSERVICE INSPECTION  The undersigned holding a valid commission issued by the National Phard of Boiler and Pressure Vessel Inspectors and the S  r Province of Pennsylvania and employed by H.S.B.I.& I. Company Hartford, Connecticut n this Owner's Report during the period 1-18-23 to 6-3-93 and state to the base 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 maintantions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer takes any warranty, expressed or implied, concerning the maintantions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the maintantions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer thal be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t napection. Commissions PA 2497 (1)8&A		CERTIF	ICATE OF COMPLIAN	ICE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Eigned <u>N/A</u> for Maintenance Engineer Date <u>March</u> <u>19</u> <u>93</u> Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  The undersigned, holding a valid commission issued by the National Phard of Boiler and Pressure Vessel Inspectors and the S r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.18.1. Company</u> <u>Hartford, Connecticut</u> <u>have inspected the components described in this Owner's Report during the period <u>1-18-93</u> to <u>6-3-93</u> and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.  By signing: this certificate neither the inspector nor his employer makes any warrenty, expressed or implied, concerning the xaminations and 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 warrenty, expressed or implied, concerning the xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warrenty, expressed or implied, concerning the xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with trapection. <u>Commissions</u> PA 2497 I/N&amp;A</u>		its made in the report an		
Signed D.I. D.A. widt       tor Maintenance Engineer       Date       March       19       93         Owner or Owner's Designee, Title       CERTIFICATE OF INSERVICE INSPECTION         The undersigned holding a valid commission issued by the National P-ard of Boiler and Pressure Vessel Inspectors and the Star Province of Pennsylvania and employed by H.S.B.18.1. Company       have inspected the components description         Hartford, Connecticut       have inspected the components description this Owner's Report during the period       1-18-93       to       (e-3-93)       and state is other the inspector nor his employer makes any warranty, expressed or implied, concerning the warrantations and 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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with tapection.         Wardenand       Commissions       PA 2497 I/N&A	Type Code Symbol Stamp	N/A		
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the National Enerd of Boiler and Pressure Vessel Inspectors and the Star Province of Pennsylvania and employed by H.S.B.1&1 Company         Hartford, Connecticut       have inspected the components description of this Owner's Report during the period 1-18-93 to 6-3-93 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.         By signing: this certificate neither the inspector nor his employer makes any 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 transpection.         By signing: this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the transpection.         By additional and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the tapection.         Owner Structure       Commissions       PA 2497 [N&A	Sentificate of Authorization No.	N/A	Expiration Date	N/A
the undersigned holding a valid commission issued by the National Phard of Boiler and Pressure Vessel Inspectors and the S r Province of <u>Pennsylvania</u> and employed by <u>H.S.B.I.&amp; I. Company</u> <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>1-18-93</u> to <u>6-3-93</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing: this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the tapection. <i>Commissions</i> PA 2487 I,N&A			e Engineer Date Man	cn 19 19
Province of Pennsylvania       and employed by       H.S.B.I.& I. Company         Hartford, Connecticut       have inspected the components described in this Owner's Report during the period       1-18-73       to       6-3-93       , and state to be 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 xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the tapection.         Outcompletion.       Outcompletions         Outcompletion.       Outcompletions			e Engineer Date Man	cn 70 19 70
a this Owner's Report during the period       1-12-93       to       6-3-93       , and state to         b the best of my knowledge and belief,the Owner has performed examinations and taken corrective measures described in this       , and state to         owner's Report in accordance with the requirements of the ASME Code, Section XI.       .       .         By signific: this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t tapection.         Output       Commissions       PA 2497 I,N&A		gnee, Title		
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xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t aspection.	Owner or Owner's Designed, holding a valid or r Province of <u>Pennsylvania</u> Hartford, Connectio	CERTIFICATE C CERTIFICATE C commission issued by the and employed byH	DF INSERVICE INSPEC National Phard of Boil S.B.I.& I. Company	CTION er and Pressure Vessel Inspectors and the Si have inspected the components describ
	Owner or Owner's Designed, holding a valid or r Province of <u>Pennsylvania</u> Hartford, Connectio this Owner's Report during the pe the best of my knowledge and be	CERTIFICATE C CERTIFICATE C ommission issued by the and employed by <u>H</u> out <u>1-18</u> blief,the Owner has perfo	DF INSERVICE INSPEC National Phard of Boil S.B.1.& I. Company 	CTION er and Pressure Vessel Inspectors and the S have inspected the components described 4e-3-93, and state t t taken corrective measures described in this
	Owner or Owner's Designed, holding a valid or r Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signing: this certificate neither caminations and corrective measur- hall be liable in any manner for any	certificate c certificate c ommission issued by the and employed by <u>H</u> out riod <u>1-18</u> blief,the Owner has perfo the requirements of the i r the inspector nor his er as described in this Own	DF INSERVICE INSPEC National Phard of Boil S.B.1.& 1. Company 	CTION ler and Pressure Vessel inspectors and the S have inspected the components described (a-3-93), and state t i taken corrective measures described in this tranty, expressed or implied, concerning the ore, neither the inspector nor his employer
	Owner or Owner's Designed, holding a valid or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with t By signinc: this certificate neither caminations and corrective measure tall be liable in any manner for any	gnee, Title CERTIFICATE C ommission issued by the and employed by <u>H</u> with <u>1-18</u> hief,the Owner has perfo the requirements of the <i>I</i> the inspector nor his er es described in this Own y personal injury or prop	DF INSERVICE INSPEC National Phard of Boil S.B.1.8 1. Company 	CTION ler and Pressure Vessel inspectors and the S have inspected the components described (a-3-93), and state t i taken corrective measures described in this tranty, expressed or implied, concerning the ore, neither the inspector nor his employer

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

Owner Ph	iladelphia Electric Na	Provide and America August an environmental and	and all of the second	Date	Marc	h 16, 1993	
2301 Market Street, Philadelphia, PA 19101 Address				Sheet	Sheet of		
Plant Limerick Generating Station				Unit	LG2		
Name P.O. Box 2300, Sanatoga, PA 19464-2300 Address					the second second second second second	- WO # R046908 nization P.O. No.,	and the American Street, such a Second Street, and a second street, and a second street, and a second street, a
Work Perform	med by Philadel	presidente de la proprieta de la	pany			iol Stamp <u>N</u> /	
				Authoria	ation No.	N	/A
230	01 Market Street, P Add	hiladelphia, PA 1 fress	9101	Expiration	on Date	N/	A
Identification	of System_055 H	PCI		Line No	SP-EBB	-229-E1 055-2F	078
(b) Applicab	le Construction Co le Edition of Sectio 1 of Components R	n XI Utilized for R	epairs or Repl	acoments 19 <u>86</u>			Code Case
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" Check Valve	Rockwell International	AB868	N/A	N/A	1978	Replacement	Yes

7. Description of Work: Removed existing body to cover seal weld for IST inspection. Installed new body to cover seal weld.

8. Tests conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 1140 psi Test Temp. N/A "F

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

(12/82)

## FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Repo	nts to be attached	
	CERTIFICATE OF CO	MPLIANCE	
We certify that the statemen ASME Code, Section XI.	ts made in the report are correct and th	his <u>replacement</u> c repair or replacement	onforms to the rules of the
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A Expirati	ion Date N/A	
Signed D.L. Schwich	for Maintenance Engineer Da	te March 16	. 19 93
PT			
Owner or Owner's Desig			
Owner or Owner's Desig			
Owner or Owner's Desig			
Owner or Owner's Desig			
Owner or Owner's Desig		INSPECTION	
, the undersigned holding a valid co	CERTIFICATE OF INSERVICE	d of Boiler and Pressure V	essel inspectors and the Stu
, the undersigned, holding a valid co or Province ofPennsylvania	CERTIFICATE OF INSERVICE	d of Boiler and Pressure V pany	
, the undersigned, holding a valid co or Province of <u>Pennsylvania</u> Hartford, Connectic	CERTIFICATE OF INSERVICE mmission issued by the National Boan and employed by <u>H.S.B.I.&amp; I. Com</u> ut	d of Boller and Pressure V pany have inspec	ed the components describ
the undersigned, holding a valid co province of <u>Pennsylvania</u> Hartford, <u>Connectio</u> n this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE OF INSERVICE mmission issued by the National Boan _and employed byH.S.B.I.& 1. Com ut riod	d of Boiler and Pressure V pany have inspect to <u>5-3-93</u> ions and taken corrective	ed the components describ , and state th
the undersigned, holding a valid co province of <u>Pennsylvania</u> Hartford, <u>Connectio</u> n this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE OF INSERVICE mmission issued by the National Boan _and employed byHSB1&1 Com ut riod1-18-93	d of Boiler and Pressure V pany have inspect to <u>5-3-93</u> ions and taken corrective	ed the components describ , and state th
the undersigned, holding a valid co province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> n this Owner's Report during the pe o the best of my knowledge and be Owner's Report in accordance with t	CERTIFICATE OF INSERVICE mmission issued by the National Boan and employed by <u>H.S.B.I.&amp; 1 Com</u> ut riod <u>I-1B-93</u> lief.the Owner has performed examinat he requirements of the ASME Code, Si	d of Boiler and Pressure V pany have inspected to <u>5-3-93</u> ions and taken corrective ection XI.	ed the components describ and state the measures described in this
, the undersigned, holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> In this Owner's Report during the pe o the best of my knowledge and be Owner's Report in accordance with t By signing this certificate neither examinations and corrective measure	CERTIFICATE OF INSERVICE mmission issued by the National Boar and employed by <u>H.S.B.I.&amp; 1. Com</u> ut riod <u>I-18-9.3</u> lief.the Owner has performed examinat he requirements of the ASME Code, Si the Inspector nor his employer makes as described in this Owner's Report. F	d of Boiler and Pressure V pany have inspect to <u>5-3-93</u> ions and taken corrective ection XI. any warranty, expressed of urthermore, neither the Ins	ed the components describ and state the measures described in this or implied, concerning the spector nor his employer
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, the undersigned, holding a valid co or Province of <u>Pennsylvania</u> <u>Hartford, Connectic</u> n this Owner's Report during the pe o the best of my knowledge and be Owner's Report in accordance with t By signing this certificate neither examinations and corrective measure shall be liable in any manner for any nspection.	CERTIFICATE OF INSERVICE mmission issued by the National Boar and employed by <u>H.S.B.I.&amp; I. Com</u> ut nod <u>I-18-93</u> lief,the Owner has performed examinat he requirements of the ASME Code, Si the Inspector nor his employer makes as described in this Owner's Report. For personal injury or property damage of Commissions PA 2497 II	d of Boiler and Pressure V pany have inspect to <u>5-3-93</u> ions and taken corrective ection XI. any warranty, expressed of urthermore, neither the Ins r a loss of any kind arising	ed the components describ and state the measures described in this or implied, concerning the spector nor his employer from or connected with thi

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

Owner Philadelphia Electric Company Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0132094
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System 056 HPCI Pump/Turbine	Line No SP-GBB-222 E1 PCV-056-2F035
(a) Applicable Construction Code ASME III 1974 Edition.	W-76 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

5. 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)
5/16" x 1%" Bolt	Target Rock	Heat No. 37894	N/A	*114-77686	1992	Replacement	No
Flange	Target Rock	S/N-3	N/A	*114-77685	1992	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: ASM: parts reclassification/rework valve internals.

8. Tests conducted: Hydrostatic [ ] Pnoumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 59 psi Test Temp. N/A F

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

(12/82)

XI L2 92-026 Sheet 2 of 2

#### FORM NIS-2 (BACK)

9. Remarks 1. Manufacturer's Data Report is attached to W/O Package Applicable Manufacturer's Data Reports to be attached

Date 10 MAY 1993

ASME Code. Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization No N/A Expiration Date N/A 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 th or Province of Pennsylvania and employed by H.S.B.I.& I Company Hartford, Connecticut have inspected the components designeed and and employed by H.S.B.I.& I Company		
We cortify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section XI.       repair or replacement         Type Code Symbol Stamp       N/A         Certificate of Authorization No       N/A         Expiration Date       N/A         Signed       N/A         Devnet or Owner's Designee, Title       19         Owner or Owner's Designee, Title       19         Devnet or Owner's Designee, Title       19         Devnet or Owner's Designee, Title       10         Devnet or Owner's Designee, Title       10         Devnet of Devnet's and employed by the National Board of Boiler and Pressure Vessel Inspectors and the province of <u>PenneyIvania</u> and employed by <u>H'S B18.1 Company</u> have inspected the components dee to the best of my knowledge and belief. He Owner has performed examinations and taken contective measures described in Somer'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 watranty, expressed or implied, concerning to marinations and contextive 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 watranty, expressed or implied, concerning to marinations and criterive 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 an	and a second	
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We contribute the statements made in the report are correct and this <u>replacement</u> conforms to the rules of repair or replacement         ASME Code. Section XI.         Type Code Symbol Stamp         N/A         Certificate of Authorization No         N/A         Expiration Date         N/A         Certificate of Authorization No         N/A         Expiration Date         N/A         Expiration Date         N/A         Certificate of Authorization No         N/A         Expiration Date         Province of Pennsylvania         and employed by		
We contribute the statements made in the report are correct and this <u>replacement</u> conforms to the rules of repair or replacement         ASME Code. Section XI.         Type Code Symbol Stamp         N/A         Certificate of Authorization No         N/A         Expiration Date         N/A         Certificate of Authorization No         N/A         Signed         Owner or Owner's Designee. Title         Certificate of Authorization and employed by the National Board of Boiler and Pressure Vessel Inspectors and the requirements of the SBL&1 Company         Hartford, Connecticut		
ASME Code. Section XI.  Type Code Symbol Stamp		CERTIFICATE OF COMPLIANCE
ASME Code. Section XI.  Type Code Symbol Stamp		
Certificate of Authorization NoN/AExpiration DateN/A		An animal of the set o
Signed Diversional for Maintenance Engineer Date March 16 19 93 Owner or Owner's Designee. Title  CERTIFICATE OF INSERVICE INSPECTION  the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Province of Pennsylvania and employed by HSB181 Company Hartford, Connecticut have inspected the components der this Owner's Report during the period 10-1-92 to 5-10-93 and state the best of my knowledge and belief the Owner has performed examinations and taken connective measures described in Nowner'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 to xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit tspection. Commissions PA 2497 18N	Type Code Symbol Stamp	N/A
Owner or Owner's Designee. Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the revenue of <u>Pennsylvania</u> and employed by <u>H.S.B.1&amp;1 Company</u> have inspected the components dee the test of my knowledge and belief the Owner has performed examinations and taken corrective measures described in bwner'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 measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the reputirements. Commissions PA 2497 I&N	Certificate of Authorization blo	N/A Expiration Date N/A
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CERTIFICATE OF INSERVICE INSPECTION         the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Province of Pennsylvania and employed by <u>HSB1&amp;I Company</u>	Signed	for Maintenance Engineer Date March / Co 19 / 2
the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Province of Pennsylvania and employed by <u>HSB1&amp;1 Company</u> <u>Hartford, Connecticut</u> have inspected the components determined of the Section of the Section of the Section of the Company <u>Hartford, Connecticut</u> have inspected the components determined of 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 watranty, expressed or implied, concerning the administrations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer ball be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the repetion. Commissions PA 2497 I&N	Owner or Owner's Desig	inee, Inte
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#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Owner Philadelphia Electric Company Name	Date March 16, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0131430
Address	Repair Organization P.O. No., Job No., etc.
. Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp N/A
	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date N/A
Identification of System_057 CAC	Line No. SP-HCB-216-E7 057-2088
(a) Applicable Construction Code ASME III 1974 Edition.	S-75 Addenda, 1796 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replac	ements 19 <u>86</u>
Identification of Components Repaired or Replaced and Replace	ment Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buitt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" SCH40 SMLS Pipe	Consolidated Power	Heat No. 9E4495	N/A	*114-90021	N/A	Replacement	No
2" 1500# Globe Valve	Edwards Valve	81AFJ	N/A	*114-93519	N/A	Replacement	Yes

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced valve and adjacent pipe.

8. Tests conducted. Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

Other [] Pressure 80 psi Test Temp. 66 "F

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

XI L2-92-086 Sheet 2 of 2

#### FORM NIS-2 (BACK)

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	CERTIF	FICATE OF COM	PLIANCE			
We certify that the statemer ASME Code, Section XI.	nts made in the report ar	e correct and this	Charles and a state of the local distance of	ement eplacement	conforms to I	the rules of the
Type Code Symbol Stamp	N/A					
Certificate of Authorization No	N/A	Expiration	Date	N/A		
	00			11		
Signed D.L. Deliman Owner or Owner's Desi	gnee, Title	e Engineer Date	March	16		93
And a second sec		<u>e Engineer</u> Date	March	16		-93
And a second sec		<u>e Engineer</u> Date	March	16		93
And a second sec		<u>e Engineer</u> Date	March	16	, 19	
And a second sec	gnee, Title	e Engineer_Date				
Owner or Owner's Desi	gnee, Title CERTIFICATE C	OF INSERVICE IN	SPECTION	1		
Owner or Owner's Desi	gnee, Title CERTIFICATE C	OF INSERVICE IN	SPECTION	1		
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Owner or Owner's Desi , the undersigned,holding a valid c or Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> n this Owner's Report during the pe	gnee, Title CERTIFICATE C ommission issued by the _snd employed byH out eriod	DF INSERVICE II National Board ( S.B.I.& I. Compa 3- 23	VSPECTION of Boiler and nyi 105	Pressure V have inspect -18-93	essel inspec ted the comp	tors and the St ponents descrit _, and state th
Owner or Owner's Desi the undersigned,holding a valid c pr Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> n this Owner's Report during the pe o the best of my knowledge and be	CERTIFICATE C CERTIFICATE C ommission issued by the _and employed byH out eriod eriod	DF INSERVICE IN National Board of IS.B.I.& I. Compa 3-93 rmed examination	NSPECTION of Boiler and ny to5 ns and taken	Pressure V have inspect -18-93	essel inspec ted the comp	tors and the St ponents descrit _, and state th
Owner or Owner's Desi the undersigned,holding a valid cor Province of <u>Pennsylvania</u> <u>Hartford, Connection</u> n this Owner's Report during the pro- o the best of my knowledge and be Owner's Report in accordance with	gnee, Title CERTIFICATE C ommission issued by the _stand employed byH out eriod eriod elief, the Owner has perfo the requirements of the J	DF INSERVICE II National Board ( IS.B.I.& I. Compa 3-93 rmed examination ASME Code, Sect	VSPECTION of Boiler and ny 1 to 5 ns and taken tion XI.	Pressure V nave inspect -18-93 n corrective	essel inspec ted the comp measures de	tors and the St ponents describ _, and state th scribed in this
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XI L2-93-041

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

Owner Philadelphia Electric Company Name	Date March 16, 199	3
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof_2	
Plant Limerick Generating Station Name	Unit LG2	
P.O. Box 2300, Sanatoga, PA 19464-2300 Address	PECo - WO # Repair Organization P	In solution wants in particular states of the second states of the second states where a second state of the
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp	N/A
	Authorization No.	N/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	N/A
Identification of System 060 Frimary Containment Leak Testing	Line No. Unit 2 Diaphragm	Slab
(a) Applicable Construction Code ASME III 1974 Edition, S-76	Addenda, N/A	Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 19 <u>86</u>	
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)
(4) ½* NPT Pipe Plugs	Tioga Pipe	Heat No. DC52	N/A	*110-92633	N/A	Replacement	No
(5) ½* NPT Pipe Plugs	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No
(1) ½* NPT Pipe Plug	Bechtel, Inc.	Heat No. 8085485	N/A	*114-79173	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced 10 pipe plugs in diaphragm slab.

8. Tests conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []

Other [X]\*\* Pressure 45 psi Test Temp N/A °F \*\*ILRT

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

(12/62)

XI L2-93-041 Sheet 2 of 2

#### FORM NIS-2 (BACK)

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2 Data Report not requir	9d.
and the second	
	CERTIFICATE OF COMPLIANCE
Min and the three the statements	ts made in the report are correct and this replacement conforms to the rules of the
ISME Code, Section XI	ts made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ype Code Symbol Stamp	N/A
Sertificate of Authorization No.	N/A Expiration Date N/A
	11 11 11
Owner of Owner's Desi	204 for Maintenance Engineer Date March 16 . 19 93
17 Theorem Contraction of the Contract of the	
Signed <u>D. L. Sc.M.M.</u> Owner of Owner's Desi	
Owner or Owner's Desi	CERTIFICATE OF INSERVICE INSPECTION
Owner or Owner's Desi the undersigned,holding a valid o r Province of <u>Pennsylvania</u>	CERTIFICATE OF INSERVICE INSPECTION certificate of instant Board of Boiler and Pressure Vessel Inspectors and the S and employed by
Owner or Owner's Desi the undersigned,holding a valid o r Province of <u>Pennsylvania</u> Hartford, Connectio	CERTIFICATE OF INSERVICE INSPECTION primission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.I.&amp; I. Company</u> ut have inspected the components descri-
Owner or Owner's Desi the undersigned,holding a valid o Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe	CERTIFICATE OF INSERVICE INSPECTION commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S and employed by <u>H.S.B.1.8.1 Company</u> uthave inspected the components description riod <u>3-12-93</u> to <u>5-18-93</u> and state t
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Owner or Owner's Desi the undersigned,holding a valid o Province of <u>Pennsylvania</u> <u>Hartford, Connectio</u> this Owner's Report during the pe the best of my knowledge and be wher's Report in accordance with By signing this certificate neitho	CERTIFICATE OF INSERVICE INSPECTION
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XI L2-92-082

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

Owner Philadelphia Electric Company	Date March 16, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of
Plant Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECo - WO # C0068890
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp <u>N/A</u>
	Authorization NoN/A
2301 Market Street, Philadelphia, PA 19101 Address	Expiration DateN/A
Identification of System 061 Liquid Radwaste Collection	Line No. HBB-265-1 HV-061-231
(a) Applicable Construction Code ASME III 1971 Edition 1	S-71 Addenda, <u>1516, 1567, 1622</u> Code C

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)
%" NPT Pipe Plug	Consolidated Power	Heat No. 337TNR	N/A	*114-79168	N/A	Replacement	No

\*Tracebility per PECo Part Code No.

7. Description of Work: Replaced commercial seal leakoff plug with ASME material.

8. Tests conducted. Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [] Pressure 70 (gal) psi Test Temp. N/A "F

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

(12/82)

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

XI L2-92-082 Sheet 2 of 2

## FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Report is attached to W/Q Package. Applicable Manufacturer's Data Reports to be attached

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	CERTIFIC	CATE OF COMPLIA	NCE	
We certify that the statements m ASME Code, Section XI.	ade in the report are		replacement cor air or replacement	nforms to the rules of the
Type Code Symbol Stamp	N/A			
Certificate of Authorization No	N/A	Expiration Date	e <u>N/A</u>	
Signed D.L. Schuid	for Maintenance	Engineer Date Ma	rch 16	19 93
Owner or Owner's Designer	of contrast, where we appreciately show an experiment of the second second second second second second second s	and the second		
	CERTIFICATE OF	INSERVICE INSPE	CTION	
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or Province of <u>Pennsylvania</u> ar Hartford, Connecticut	hission issued by the nd employed byH.S	National Board of Bo B.I.& I. Company	iler and Pressure Vest	o the components describe
n Province of <u>Pennsylvania</u> ar Hartford, Connecticut In this Owner's Report during the period	hission issued by the h nd employed by H.S 1-18	National Board of Bo B.I.& I. Company -93 to	iler and Pressure Vesi have inspected 5-17-93	the components describe and state the
n this Owner's Report during the period o the best of my knowledge and belief,	hission issued by the h nd employed by <u>H.S</u> I <u>I-18</u> the Owner has perform	National Board of Bo B.I.& I. Company -23 to ned examinations an	iler and Pressure Vesi have inspected 5-17-93 d taken corrective me	o the components describe and state the
or Province of <u>Pennsylvania</u> ar <u>Hartford, Connecticut</u> In this Owner's Report during the period to the best of my knowledge and belief. Dwner's Report in accordance with the to By signing this certificate neither the examinations and corrective measures of	hission issued by the h hd employed by <u>H.S</u> <u>1-18</u> the Owner has perform requirements of the AS Inspector nor his emp lescribed in this Owne	National Board of Bo B.I.& I. Company -23 to ned examinations an SME Code, Section ) ployer makes any we or's Report. Furthern	iler and Pressure Vest have inspected 5-/7-93 d taken corrective me (I. arranty, expressed or i hore, neither the Inspe	o the components describe , and state the easures described in this implied, concerning the actor nor his employer
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1. Owner <u>Philadelphia Electric Company</u> Name	Date February 24, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof2
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Senetoge, PA 19464-2300 Address	PECO - WO # C0140509 Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philedelphia Electric Company</u> Name	Type Code Symbol Stamp NA
2301 Market Street, Philadelphia, PA 19101 Address	Authorization No. NA Expiration Date NA
4. Identification of SystemSys 103/001Snubber/Main Turbin	ne Line No. STG-2MS-04
5. (a) Applicable Construction Code ASME III 19.77 Edition.	W77 Addends, 1644-6 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Repla	cements 19 <u>86 Edition</u>
6. Identification of Components Repaired or Replaced and Replace	ement 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)
PSA-35 MECH SNUBBER	Pacific Scientific	12815	None	NA	NA	Replaced	Yes
PSA-35 MECH SNUBBER	Pacific Scientific	9330	None	Part # 1801112-13	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. STG-2MS-H001

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA \*F.

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

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P+ in 2 of 2 L2-J2-021

# FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report to WC Package C0140509.</u> Applicable Manufacturer's Data Reports to be attached

	CERTIFICAT	E OF COMPLIANCE	
We certify that the stateme the ASME Code, Section XI.	nts made in the report are		coment_ conforms to the rules of r or replacement
Type Code Symbol Stamp	NA		
Certificate of Authorization No	NA	Expiration Date	NA
Signed K.Come Owner or Owner's Desig	for Maintenance Engin Date	MARCH	L. 19 93

	CERTIFICATE OF INSER	VICE IN:	SPECTION	
I, the undersigned, holding a valid commit State or Province of <u>Pennsylvania</u>	ssion issued by the Nation and employed by H.S	al Board	f of Boiler and Pressure Ves Company	sel inspectors and the of
Hertford, CT in this Owner's Report during the period	2-18-93	to	have inspected the com	ponents described , and state that
to the best of my knowledge and belief, this Owner's Report in accordance with t	the Owner has performed	examina	tions and taken corrective	measures described in
By signing this certificate neither the the examinations and corrective measures shall be liable in any manner for any pers this inspection	s described in this Owner's	Report.	Furthermore, neither the los	pector nor his employer
Inspector's Signeture	Commissions PA	The second s	the state of the s	
Date 22 MAR 19 93	NB	donal Br	pard, State, Province, and E	ndorsements

(12/82)

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L2-92-021

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

. Owner Philadelphia Electric Company	Date March 05, 1993				
Name					
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2				
Addreas					
Plant Lin, trick Generating Station	Unit_LG2				
Name					
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO# C0140498				
Address	Repair Organization P.O. No., Job No., e				
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp NA				
Name	Authorization No. NA				
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA				
Address					

4. Identification of System Sys 103/001 Snubber/Mein Turbine Line No. STG-2MS-01

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-35 MECH SNUBBER	ACIFIC	1289	NONE	NA	NA	REPLACED	YES
PSA-35 MECH SNUBBER	PACIFIC SCIENTIFIC	8682	NONE	PART NO. 1801112-13	1981	REPLACEMENT	YES

7. Description of Work Replacement of snubber on Equipment No. STG-2440 No is

8. Tests conducted: Hydrosteric 🖸 Frieumatic 🗆 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

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## FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
2. NCR LG-93-00080.	
	CERTIFICATE OF COMPLIANCE
	CENTIFICATE OF COMPLIANCE
We certify that the statements me the ASME Code, Section XI.	ade in the report are correct and this <u>replacement</u> conforms to the rules o repair or replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No. NA	
Signed St. Corport	tar Maintenance Engineer Date MAPUL 15 19 93
Owner or Owner's Designee,	Title
	SETTERATE OF INSERVICE INSERVICE
c	CERTIFICATE OF INSERVICE INSPECTION
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid commissi	
the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> Hartford, CT	on issued by the National Board of Boller and Pressure Vessel inspectors and th and employed by H.S.B.I. & I. Company have inspected the components describe
the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> this Owner's Report during the period	on issued by the National Board of Boiler and Pressure Vessel Inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-92,93</u> to <u>3-22-93</u> , and state that
the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> this Owner's Report during the period <u>b</u> the best of my knowledge and belief, the	on issued by the National Board of Boiler and Pressure Vessel Inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-97.93</u> to <u>3-22-93</u> , and state that o Owner has performed examinations and taken corrective measures described in
the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> I this Owner's Report during the period <u>o</u> the best of my knowledge and belief, the	on issued by the National Board of Boiler and Pressure Vessel Inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-92,93</u> to <u>3-22-93</u> , and state that
the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> In this Owner's Report during the period <u>one</u> the best of my knowledge and belief, the his Owner's Report in accordance with the	on issued by the National Board of Boiler and Pressure Vessel inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-93</u> to <u>3-22-93</u> , and state that Owner has performed examinations and taken corrective measures described is requirements of the ASME Code, Section XI.
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the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> I this Owner's Report during the period <u>be</u> the best of my knowledge and belief, the bis Owner's Report in accordance with the By signing this certificate neither the In the examinations and corrective measures di hell to liable in any manner for any persor	ion issued by the National Board of Boiler and Pressure Vessel inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-93</u> to <u>3-22-93</u> , and state that Owner has performed examinations and taken corrective measures described is requirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning escribed in this Owner's Report.Furthermore, neither the Inspector nor his employ
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the undersigned, holding a valid commissi tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> In this Owner's Report during the period <u>one</u> the best of my knowledge and belief, the his Owner's Report in accordance with the By signing this certificate neither the In the examinations and corrective measures do hell to liable in any manner for any persor	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by H.S.B.I. & I. Company have inspected the components describe 2-18-92.93 to 3-22-93 and state that o Owner has performed examinations and taken corrective measures described in
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the undersigned, holding a valid commission tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> In this Owner's Report during the period to the best of my knowledge and belief, the bis Owner's Report in accordance with the By signing this certificate neither the In the examinations and corrective measures do hall to Lable in any manner for any persor his inspection <u>ManuAdmann</u> Inspector's Signature	on issued by the National Board of Boiler and Pressure Vessel inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-993</u> to <u>3-22-93</u> , and state that o Owner has performed examinations and taken corrective measures described is requirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning escribed in this Owner's Report.Furthermore, neither the Inspector nor his employ nal injury or property damage or a loss of any kind arising from or connected with Commissions PA-2497 1&N
the undersigned, holding a valid commissi itate or Province of <u>Pennsylvenia</u> <u>Hartford, CT</u> In this Owner's Report during the periodo the best of my knowledge and belief, the his Owner's Report in accordance with the By signing this certificate neither the In he examinations and corrective measures do hall to liable in any manner for any persor his inspection	on issued by the National Board of Boiler and Pressure Vessel inspectors and th and employed by <u>H.S.B.I. &amp; I. Company</u> have inspected the components describe <u>2-18-993</u> to <u>3-22-93</u> , and state that o Owner has performed examinations and taken corrective measures described is requirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning escribed in this Owner's Report.Furthermore, neither the Inspector nor his employ nal injury or property damage or a loss of any kind arising from or connected with Commissions PA-2497 1&N
the undersigned, holding a valid commission tate or Province of <u>Pennsylvania</u> <u>Hartford, CT</u> In this Owner's Report during the period to the best of my knowledge and belief, the his Owner's Report in accordance with the By signing this certificate neither the In the examinations and corrective measures do hall t : Lable in any manner for any persor his inspection <u>ManuAdmann</u> Inspector's Signature	on issued by the National Board of Boiler and Pressure Vessel inspectors and the and employed by H.S.B.I. & I. Company have inspected the components described 2-18-9233 to 3-22-93 and state that Owner has performed examinations and taken corrective measures described requirements of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or implied, concerning escribed in this Owner's Report. Furthermore, neither the Inspector nor his employ nal injury or property damage or a loss of any kind arising from or connected w Commissions PA-2497 I&N

L2-92-021

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

. Owner Philadelphia Electric Company	Date March 05, 1993				
Name					
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2				
Address					
Plant Limerick Generating Station	Unit LG2				
Name					
P.O. Box 2300, Sanstogs, PA 19464-2300	PECO - WO# C0140501				
Address	Repair Organization P.O. No., Job No., etc.				
Work Performed by Philadelphis Electric Company	Type Code Symbol Stamp NA				
Name	Authorization No. NA				
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA				
Address					

4. Identification of System Sys 103/001 Snubber/Main Turbine Line No. STG-2MS-04

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replace

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)
PSA-35 MECH SNUBBER	PACIFIC SCIENTIFIC	12814	NONE	NA	NA	REPLACED	YES
PSA-35 MECH SNUBBER	PACIFIC	7440	NONE	PART NO. 1801112-09	1981	REPLACEMENT	YES
					And and a second se	Den Marine Congress of Statements and State and Address of State	

7. Description of Work Replacement of snubber on Equipment No. STG-2MS-H020

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other C Pressure NA psi Test Temp. NA °F.

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

(12/82)

This Form (E00D30) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

## FORM NIS-2 (BACK)

2. NCR LG-93-00080.	Applicable Manufacturer's Data Reports to be ettached
2. Non 03-33-00080.	
	CERTIFICATE OF COMPLIANCE
March and a short short short	
the ASME Code, Section XI.	ents made in the report are correct and this <u>replacement</u> conforms to the rules o repair or replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No.	NA Everyone Data MA
	NA Expiration Date NA for Maintenance Engineer Date MATCH 15, 19 93
Signed M. Conca	m Date MATCH 15, 19 93
Owner or Owner's Des	
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned holding a valid co	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and th
tate or Province of Pennsylvania	and employed by H.S.B.I. & I. Company
Hartford, CT	have inspected the components describe
	riod <u>2-18-93</u> to <u>3-22-93</u> , and state that lief, the Owner has performed examinations and taken corrective measures described i
	with the requirements of the ASME Code, Section XI.
	r the inspector nor his employer makes any warranty, expressed or implied, concerning
	sures described in this Owner's Report Furthermore, neither the Inspector nor his employ
is inspection	personal injury or property damage or a loss of any kind arising from or connected w

Fundenan & Commissions PA-2497 16N

Inspector's Signature

Date 22 MAR 19 93

National Board, State, Province, and Endorsements

1.2-92-021

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

. Owner Philadelphia Electric Company	Date March 05, 1993				
Name					
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2				
Address					
Plant Limerick Generating Station	UnitLG2				
Name					
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO# C0140502				
Address	Repair Organization P.O. No., Job No., etc				
. Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp NA				
Name	Authorization No. NA				
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA				
Address					

4. Identification of System Sys 103/001 Snubber/Main Turbine Line No. STG-2M5-01

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Manufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PACIFIC	12779	NONE	NA	NA	REPLACED	YES
PACIFIC	8674	NONE	PART NO. 1801112-13	1981	REPLACEMENT	YES
	Manufacturer PACIFIC SCIENTIFIC PACIFIC	Manufacturer Serial No. PACIFIC 12779 SCIENTIFIC PACIFIC 8674	Manufecturer         Serial No.         Board No.           PACIFIC         12779         NONE           SCIENTIFIC         8674         NONE	Manufacturer         Serial No.         Board No.         Identification           PACIFIC         12779         NONE         NA           PACIFIC         8674         NONE         PART NO.	ManufecturerSerial No.Board No.IdentificationBuiltPACIFIC12779NONENANASCIENTIFIC8674NONEPART NO.1981	Name of Manufacturer ManufacturerManufacturer Serial No.National Board No.Other IdentificationYear BuiltReplaced, or ReplacementPACIFIC SCIENTIFIC12779NONENANAREPLACEDPACIFIC SCIENTIFIC8674NONEPART NO.1981REPLACEMENT

7. Description of Work Replacement of snubber on Equipment No. STG-2MS-H021(A)

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

## FORM NIS-2 (BACK)

2. NCR LG-93-00080.	Applicable Manufacturer's Data Reports to be attached
	1
	CERTIFICATE OF COMPLIANCE
We certify that the statements mad the ASME Code, Section XI.	le in the report are correct and this <u>replacement</u> conforms to the rules o repair or replacement
Type Code Symbol StampNA	
Certificate of Authorization No. NA	Expiration Date NA
VCC	for Maintenance Engineer
Signed DL. Uncann	Date Marcht 15 19 93
Owner or Owner's Designee, Tit	lie
the undersigned, holding a valid commission	RTIFICATE OF INSERVICE INSPECTION issued by the National Board of Boiler and Pressure Vessel Inspectors and the id employed by <u>H.S.B.I. &amp; I. Company</u>
this Owner's Report during the period	have inspected the components describe
	Owner has performed examinations and taken corrective measures described i
the second se	equirements of the ASME Code, Section XI.
is Owner's Report in accordance with the re By signing this certificate neither the Insp e examinations and corrective measures des	equirements of the ASME Code, Section XI. Sector nor his employer makes any warranty, expressed or implied, concerning scribed in this Owner's Report Furthermore, neither the inspector nor his employ I injury or property damage or a loss of any kind arising from or connected w Commissions PA-2497 I&N
is Owner's Report in accordance with the re By signing this certificate neither the Insp e examinations and corrective measures des hall be liable in any manner for any personal	pector nor his employer makes any warranty, expressed or implied, concerning cribed in this Owner's Report Furthermore, neither the Inspector nor his employ I injury or property demage or a loss of any kind arising from or connected w

. Owner <u>Philadelphia Electric Company</u> Name	Date <u>March 05, 1993</u>			
2301 Market Street, Philadelphia, PA 19101 Address	Sheet			
Aguress				
Plant Limerick Generating Station	Unit_LG2			
Name				
P.O. Box 2300, Senatoga, PA 19464-2300	PECO - WO# C0140504			
Address	Repair Organization P.O. No., Job No., etc			
. Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp NA			
Name	Authorization No. NA			
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA			
Address				

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

5. 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)
PSA-35 MECH SNUBBER	PACIFIC	12780	NONE	NA	NA	REPLACED	YES
PSA-35 MECH SNUBBER	PACIFIC SCIENTIFIC	12910	NONE	PART NO. 1801112-09	1987	REPLACEMENT	YES

7. Description of Work Replacement of snubber on Equipment No. STG-2MS-H021(B)

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure\_NA\_psi Test Temp.\_NA\_\*F.

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

(12/82)

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

## FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
2. NCR LG-93-00080.	
	CERTIFICATE OF COMPLIANCE
We certify that the statements made the ASME Code, Section XI.	e in the report are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No. NA	Expiration Date NA
signed the Concara	Expiration Date NA for Maintenance Engineer Date MARCH 13 19 93
Owner or Owner's Designee, Tit	le
ana san arawa na ang ang ang ang ang ang ang ang ang	
CER	RTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission	issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of <u>Pennsylvania</u> and Hantford, CT	a employed by H.S.B.I. & I. Company o have inspected the components described
in this Owner's Report during the period	
	wher has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the re	quirements of the ASME Code, Section XI.
By signing this pertificate nother the inco	ector nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures desc	cribed in this Owner's Report Furthermore, neither the Inspector nor his employe
shall be liable in any menner for any personal	injury or property damage or a loss of any kind arising from or connected wit
this inspection.	- may
6auldenainy	h
Pan growing	Commissions PA-2497 I&N
Inspector's Signature	National Board, State, Province, and Endorsements
Date 22 MAR 19 93	

L2-92-021

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

. Owner <u>Philedelphis Electric Company</u> Name	Date March 05, 1993			
	그는 그 것이 아파 가장 아파 아이지 않는 것이 아파			
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof			
Plant Limerick Generating Station	UnitLG2			
Name				
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO# C0140505			
Address	Repair Organization P.O. No., Job No., etc			
Work Performed by Philadelphia Electric Company	Type Code Symbol StampNA			
Name	Authorization No. NA			
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA			
Address				

4. Identification of System Sys 103/001 Snubber/Main Turbine Line No. STG-2MS-03

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addende, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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 Stemped (Yes or No)
PSA-35 MECH SNUBBER	PACIFIC	12782	NONE	NA	NA	REPLACED	YES
PSA-35 MECH SNUBBER	PACIFIC	7614	NONE	PART NO. 1801112-09	1981	REPLACEMENT	YES

7. Description of Work Replacement of snubber on Equipment No. STG-2MS-H022(A)

8. Tests conducted: Hydrostatic 🗇 Pnaumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure\_NA\_psi Test Temp\_NA\_PF,

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

(12/82)

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#### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's data re</u>	port is attached to WO Package C0140505.
	Applicable Manufacturer's Data Reports to be attached
2. NCR LG-93-00080.	
	CERTIFICATE OF COMPLIANCE
We certify that the statem	nts made in the report are correct and this replacement conforms to the rules of
the ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No	NA Expiration Date NA
1101-	for Maintenance Engineer,
Signed nr Lollomn	D Date March 13 . 19 73
" Owner or Owner's Des	gnee, Title
Construction and a second s	
	CERTIFICATE OF INSERVICE INSPECTION
	- contraction of the second state and the second
	nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and th
State or Province of Pennsylvania Hartford, CT	and employed by H.S.B.I. & I. Company
the second s	have inspected the components described and 2-18-93 to 3-22-93 , and state that
	ief, the Owner has performed examinations and taken corrective measures described in
	ith 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, and a standard stan

Faul alenan >

Commissions PA-2497 I&N

Inspector's Signature

National Board, State, Province, and Endorsements

Date 22 MAR 19 93

L2-92-021

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

. Owner <u>Philadelphia Electric Company</u> Name	Date March 05, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of
2. Plant Limerick Generating Station Name	UnitLG2
P.O. Box 2300, Senetoge, PA 19464-2300 Address	PECO - WO# C0140506 Repair Organization P.O. No., Job No., etc.
. Work Performed by <u>Philadelphia Electric Company</u> Name 2301 Market Street, Philadelphia, PA 19101	Type Code Symbol Stamp NA Authorization No. NA Expiration Date NA
Address	

4. Identification of System Sys 103/001 Snubber/Main Turbine Line No. STG-2MS-03

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Compor ent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MECH SNUBBER	PACIFIC	12781	NONE	NA	NA	REPLACED	YES
PSA-35 MECH SNUBBER	PACIFIC SCIENTIFIC	7575	NONE	PART NO. 1801112-09	1981	REPLACEMENT	YES

7. Description of Work Replacement of snubber on Equipment No. STG-2MS-H022(B)

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp, NA \*F.

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

(12/82)

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## FORM NIS-2 (BACK)

	Applicable Manufacturer's Data Reports to be attached
2. NCR LG-93-00080.	
	CERTIFICATE OF COMPLIANCE
	ade in the report are correct and this <u>replacement</u> conforms to the rules of
the ASME Code, Section XI.	repair or replacement
Type Code Symbol StampNA	
Certificate of Authorization No. NA	
h Commo	for Maintenance Engineer Date MATCH 15, 19 93
Signed DA. CONCO	
Owner or Owner's Designee,	THE
0	CERTIFICATE OF INSERVICE INSPECTION
the undersigned holding a valid commissi	on 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
Hartford, CT	have inspected the components described
in this Owner's Report during the period	2-18-93 to 3-22-93 and state that
	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 petther the In	spector not his employer makes any warranty, expressed or implied, concerning
	escribed in this Owner's Report Furthermore, neither the Inspector nor his employe
	hal injury or property damage or a loss of any kind arising from or connected with
this inspection.	1
land derare	to -
- paur porang	Commissions PA-2497 I&N
Inspector's Signature	National Board, State, Province, and Endorsements
	and a second a second a second for the second
Date 22 MAR 1893	
DalePLA 1371	
Laite Key 18 7	

Owner Philadelphia Electric Company	Date January 29, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
Plant Limerick Generating Station	Unit LG2
THE REPORT OF THE OWNER	concerning with an EUCE concerning and a second sec
Name	
P.0. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0131364
Address	Repair Organization P.O. No., Job No., etc
Work Performed by Philadelphia Electric Company	Type Code Symbol Stamp NA
Name	and the second edition even the second second
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	

5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition, 1971 Addenda, NA Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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 Stemped (Yes or No)
PSA-3 MECH SNUBBER	Pacific Scientific	21120	None	NA	NA	Replaced	Yes
PSA-3 MECH SNUBBER	Pacific Scientific	17274	None	Pert # 1801106-05	NA	Replacement	No

7. Description of Work Replacement of snubber on equipment no. HCD-205-H015A

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🖾 Nominal Operating Pressure 🗇

Other C Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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

### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturers Certificate of Compliance attached to WO Package.</u> Applicable Manufacturer's Data Reports to be attached

	CERTI	FICATE OF COMPLIAN	VCE		
We certify that the stateme the ASME Code, Section XI.	nts made in the rep	iort are correct and thi	All the second s	<u>ment</u> c r replace	
Type Code Symbol Stamp	NA				
	NA		te N	A	-
Signed <u>KP. Concer</u> Owner or Owner's Desi	for Mainteance Date	Engineer Fels	13	, 19	93

	TE OF INSERVICE INSPECTION
	by the National Board of Boiler and Pressure Vessel Inspectors and ti
State or Province of <u>Pennsylvania</u> and emplo Hartford, CT	
Hertford, CT n this Owner's Report during the period/-/.	3-93 to $2-25-93$ , and state that
the examinations and corrective measures described in	ents of the ASME Code, Section XI. or his employer makes any warranty, expressed or implied, concernin h this Owner's Report Furthermore, neither the Inspector nor his employ or property damage or a loss of any kind arising from or connected w
this inspection.	DA 2407 (28)
this inspection.	nissions PA-2497 I&N National Board, State, Province, and Endorsements

1. Owner Philadelphia Electric Company	Date February 19, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of 2
Address	
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Senetoge, PA 19464-2300	PECO - WO # C0131365
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company	Type Code Symbol StampNA
Name	
news as a second many second second	Authorization No. NA
2301 Market Street, Philadelphie, PA 19101	Expiration Date NA

4. Identification of System Sys 103/008 Snubber/Condensate Line No. HCD-205-2

5. (e) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-3 MECH SNUBBER	Pecific Scientific	21079	None	NA	NA	Replaced	Yes
PSA-3 MECH SNUBBCR	Pacific Scientific	11698	None	Part # 1801106-05	1980	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. HCD-205-H015B

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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### FORM NOT CONTROL

9. Remarks <u>1. Menufacturer's Certificate of Compliance attached to WO Package C0131365.</u> Applicable Manufacturer's Data Reports to be attached

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. replacement

Type Code Symbol Stam, NA

Certificate of Authopication No	NA	Expiration Date	NA	
signed K.P. Oncan	for Maintenance Engine Date	FEB 2	3 . 19	93
Owner or Owner's Designe	Contraction of the second se			

CERTIFICATE	OF INSERVICE I	NSPECTION	
I, the undersigned holding a valid commission issued by State or Province of <u>Pennsylvania</u> and employe	d by H.S.B.I.&	1. Company	of
Hartford, CT in this Owner's Report during the period		heve inspected the	components described
in this Owner's Report during the period/-/3 -	93 to	2-25-93	, and state that
By signing this certificate neither the Inspector nor I the examinations and corrective measures described in th shall be liable in any manner for any personal injury or p this inspection.	nis Owner's Repor property damage	t.Furthermore, neither the or a loss of any kin ' ans	Inspector nor his employer
Inspector's Signature Date 25 FEB 19 93	National	Board, State, Province, ar	nd Endorsements

I. Owner <u>Philadelphia Electric Company</u> Name	DateFebruary 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet
2. Plant Limerick Generating Station	UnitLG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0140199
Address	Repair Organization P.O. No., Job No., etc.
8. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	
A. Identification of System Sys 103/041 Snubber/Nuclear Boiler	Line No.DCA-237-E02

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Menufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yeer Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PS.A-1/4 MECH SNUBBER	Pacific Scientific	20706	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	25665	None	Part # 1801104-05	1982	Replacement	Yes
							1.000

7. Description of Work Replacement of snubber on Equipment No. DCA-237-E02-H001.

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗅

Other D Pressure NA psi Test Temp. NA PF.

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

(12/82)

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

### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0140199.</u> Applicable Manufacturer's Data Reports to be attached

	CERT	IFICATE OF COMPLIANCE
We certify that the stateme the ASME Code, Section XI.	nts made in the rep	port are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	
Certificate of Authorization No	NA	Expiration Date NA
Signed A.P. Concan Owner or Owner's Desi	for Maintenand Detronee, Title	Engineer F46 24 19 93

CERTIFICA	TE OF INSERVICE	INSPECTION	
I, the undersigned, holding a valid commission issued State or Province of <u>Pennsylvania</u> and empl	oved by H.S.B.I.	I. Company	of
Hartford, CT		have inspected the	components described
Hartford, CT in this Owner's Report during the period/- to the best of my knowledge and belief, the Owner h	- <u>13-93</u> to as performed exam	2-24-73 Instions and taken correct	, and state that ive measures described in
in this Owner's Report during the period	as performed examinents of the ASME is or his employer main this Owner's Repo or property damage	inations and taken correct Code, Section XI. kes any warranty, express nt.Furthermore, neither the or a loss of any kind arisi	ive measures described in ed or implied, concerning Inspector nor his employe

Owner <u>Philadelphia Electric Company</u> Name	Date February 19, 1993		
2301 Market Street, Philadelphia, PA 19301 Address	Sheetof		
Plant Limerick Generating Station	Unit LG2		
Name			
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0140215		
Address	Repair Organization P.O. No., Job No., e		
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stemp NA		
	Authorization No. NA		
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date NA		

5. (e) Applicable Construction Code ASME III 19 77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

5. 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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	20696	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	20466	None	Part # 1801104-05	1981	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DCA-240-E02-H001 (A)

8 Tests conducted: Hydrostetic 🗆 Pneumetic 🖾 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufactu:er's Data Report attached to WO Package C0140215.</u> Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed B. Converse Designee, Title Date Date 19_92

CE	RTIFICATE OF INSE	RVICE IN	SPECTION	
CL.	NTIFICATE OF INDE	nviue m	IOP LO HOM	
I, the undersigned, holding a valid commission State or Province of Pennsylvania a				essel Inspectors and the of
				omponents described
Hartford, CT in this Owner's Report during the period	1-13-93	to	2-26-93	, and state that
	cector nor his emplo cribed in this Owner l injury or property i Commissions	ver make 's Report damage c PA-2497	es any warranty, expresse Furthermore, neither the or a loss of any kind arisin 1&N	Inspector nor his employe ig from or connected with
Inspector's Signature	h	lational E	loard, State, Province, an	a Endorsements

1. Owner <u>Philadelphia Electric Company</u> Name	Dete February 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof2
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Senetoge, PA 19464-2300 Address	PECO - WO # C0131195 Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp <u>NA</u>
2301 Merket Street, Philadelphia, PA 19101 Address	Authorization No. NA Expiration Date NA
4. Identification of System Sys 103/041 Snubber/Nuclear B	Soiler Line No.DCA-244-E03
5. (a) Applicable Construction Code ASME III 19.77 Edition	n. W77 Addenda, 1644-6 Code Cas
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	

5. 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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	25662	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pecific Scientific	22321	None	Pert # 1801104-05	1981	Re, lacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DCA-244-E03-H002

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

### FORM NIS-2 (BACK)

	licable Manufacturer's Data Reports to be attached
2, NCR 193-00047	
a second s	
	CERTIFICATE OF COMPLIANCE
We certify that the statements r the ASME Code, Section XI.	nade in the report are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA
Certificate of Authorization No	NA Expiration Date NA
100	for Maintenance Engineer Feb 23 19 93
Owner or Owner's Designee	
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid commis	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and t
	and employed by H.S.B.I.& I. Company
Hartford, CT this Owner's Report during the period	have inspected the components described /-/3-93 to 2-25-93 , and state that
the best of my knowledge and belief, the	he Owner has performed examinations and taken corrective measures described he requirements of the ASME Code, Section XI.
	Inspector nor his employer makes any warranty, expressed or implied, concernin described in this Owner's Report.Furthermore, neither the Inspector nor his emplo
a contraction and contractive measures	appended in the second streport, or memore, neither the maperior hor his emph

shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Date 25 FEB 19 93

Commissions PA-2497 I&N National Board, State, Province, and Endorsements

(12/82)

1

1

I. Owner <u>Philadelphia Electric Company</u> Name	DeteFebruary 19, 1993			
2301 Market Street, Philedelphia, PA 19101 Address	Sheet012			
2. Plant Limerick Generating Station	Unit LG2			
Name				
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0140127			
Address	Repair Organization P.O. No., Job No., stc.			
8. Work Performed by <u>Philedelphia Electric Company</u> Name	Type Code Symbol Stamp NA			
	Authorization No. NA			
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA			
Address				
. Identification of SystemSys 103/041_Snubber/Nuclear E	Boiler Line No.DLA-206-E1			

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	15281	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pecific Scientific	20645	None	Pan # 1801104-05	1981	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DLA-206-E01-H002

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0140127.</u> Applicable Manufacturer's Data Reports to be attached

	CERTI	FICATE OF COMPLIANCE
We certify that the statement the ASME Code, Section XI.	nts made in the rep	port are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	
Certificate of Authorization No	NA	Expiration Date NA
Signed BC Concours	for Maintenanc	Engineer Fob 24 18 93

CERTIFICATE OF IN	SERVICE INSPECTION
State or Province of Pennsylvania and employed by	
this Owner's Report in accordance with the requirements of t By signing this certificate neither the Inspector nor his em the examinations and corrective measures described in this Ow	med examinations and taken corrective measures described in he ASME Code, Section XI. sployer makes any warranty, expressed or implied, concerning mer's Report.Furthermore, neither the Inspector nor his employe ty damage or a loss of any kind arising from or connected with
Inspector's Signature / Date 19 23	National Board, State, Province, and Endorsements

1. Owner <u>Philadelphia Electric Company</u> Neme	Date Februar, 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0133014
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date NA
4. Identification of System Sys 103/041 Snubber/Nuclear Boiler	Line No.DBB-212-1
5. (a) Applicable Construction Code <u>ASME III</u> 19 <u>77</u> Edition.	S77 Addenda, 1644-5 Code Car

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replacert, or Replacement	ASME Code Stamped (Yes or No)
PSA-3 MECH SNUBBER	Pecific Scientific	17145	None	NA	NA	Replaced	Yes
PSA-3 MECH SNUBBER	Pecific Scientific	21115	None	Part # 1801106-05	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DBB-212-H004

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗅

Other Pressure NA psi Test Temp. NA \*F.

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

(12/82)

This Form (EC0030) may be obtained from the Order Dept., ASME, 345 E.47th St., New York, N.Y. 10017

## FORM NIS-2 (BACK)

S. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0133014.</u> Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed Bl-Comment for Maintenance Engineer FP6 23 19 93

CERTIFICATE OF	F INSERVICE INSPECTION
CENTIFICATE OF	FINSERVICE INSPECTION
State or Province of Pennsylvania and employed b	
Hartford, CT	have inspected the components described 3-93 to 2-25-93, and state that
this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his i	employer makes any warranty, expressed or implied, concerning Owner's Report Furthermore, neither the Inspector nor his employ
	perty damage or a loss of any kind arising from or connected wi
shall be liable in any manner for any personal injury or prop this inspection.	

, Owner <u>Philadelphis Electric Company</u> Name	Date February 19, 1	993
2301 Market Street, Philadelphia, PA 19101	Sheetof	2
Address		
Plant Limerick Generating Station	Unit LG2	
Neme		
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # CO	140216
Address	Repair Organization P	O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stem	ip <u>NA</u>
	Authorization No.	NA
2301 Market Street, Philadelphia, Px 19101	Expiration Date	NA
Address		

5. (e) Applicable Construction Code ASME III 19.77 Edition, W77 Addends, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-1/2 MECH SNUBBER	Pacific Scientific	17678	None	NA	NA	Replaced	Yes
PSA-1/2 MECH SNUBBER	Pacific Scientific	16666	None	Part # 1801104-07	1982	Replacement	Yes

7. Description of Work Replacement of anubber on Equipment No. DCA-292-E01-H006

8. Tests conducted: Hydrostatic 🗇 Pnaumatic 🗇 Nominal Operating Pressure 💭

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0140216.</u> Applicable Manufacturer's Data Reports to be attached

	(	CERTIFICATE OF COMPLIANCE
We certify that the statement the ASME Code, Section XI.	ts made in U	e report are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	
Certificate of Authorization No.	NA	Expiration Date NA
Signed B. Compon Owner or Owner's Desig	for Mainte	Date Febras 19 93

CERTIFICATE OF I	NSERVICE INSPECTION
State or Province of Pennsylvania and employed by	
Hertford, CT in this Owner's Report during the period	have inspected the components described
this Owner's Report in accordance with the requirements of the By signing this certificate neither the Inspector nor his entite examinations and corrective measures described in this Ow shall be liable in any manner for any personal injury or proper this inspection.	nployer makes any werranty, expressed or implied, concerning vner's Report.Furthermore, neither the Inspector nor his employe rty damage or a loss of any kind arising from or connected wit PA-2497 I&N
Inspector's Signature	National Board, State, Province, and Endorsements

L2-92-021

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

I. Owner <u>Philedelphia Electric Company</u> Neme	DateFebruary 19, 1993
2301 Market Street, Philadelphie, PA 19101 Address	Sheetof2
2. Plant Limetick Generating Station	Unit LG2
Name	
P.O. Box 2300, Senatoga, PA 19464-2300	PECO - WO # C0140208
Address	Repair Organization P.O. No., Job No., etc.
I. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	
Identification of System_ Sys 103/043 Shubber/Reactor Rec.	Line No.DCA-217-E02

5. (a) Applicable Construction Code ASME III 19 77 Edition, W77 Addends, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	15283	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	20083	None	Part # 1801104-05	1981	Replacement	Yes
1 LOAD PIN %" X 2%"	NA	*114-92886	None	NA	NA	Replacement	No

7. Description of Work <u>Replacement of shubber and Load Pin on Equipment No. DCA-217-E02-H003.</u> \*Traceability per PECo Part No.

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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

## FORM NIS-2 (BACK)

9,	Remarks 1. Manufacturer's Data Report attached to WO Package C0140208.
	Applicable Manufacturer's Dete Reports to be attached
	2. Load Pin is a catalog item.

	CERTIFICATE OF COMPLIANO	ЭЕ
We certify that the statements m the ASME Code, Section XI.	nede in the report are correct and this	replacement conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	ang at inter the three solutions are an an an an an an and a strength of the solution of the s
Certificate of Authorization No	NAExpiration Da	16 NA
Signed K.C. Concernation	Date Feb 2	4 19 1993

CERTIFICATE	OF INSERVICE INSPECTION
State or Province ofPennsylvaniaand employed	
Hertford, CT in this Owner's Report during the period	
to the best of my knowledge and belief, the Owner has p this Owner's Report in accordance with the requirements	erformed examinations and taken corrective measures described in of the ASME Code, Section XI.
We control to a defension of the same south that the deal Assessment as bought	
the examinations and corrective measures described in this	s Owner's Report Furthermore, neither the Inspector nor his employe
the examinations and corrective measures described in this shall be liable in any manner for any personal injury or pr this inspection	s employer makes any warranty, expressed or implied, concerning s Owner's Report.Furthermore, neither the Inspector nor his employe operty damage or a loss of any kind arising from or connected wit
the examinations and corrective measures described in this shall be liable in any manner for any personal injury or pr this inspection	s Owner's Report.Furthermore, neither the Inspector nor his employ

1. Owner <u>Philedelphia Electric Company</u> Name	DeteFebruary 19, 1993
2301 Market Street, Philadelphis, PA 19101 Address	Sheet of
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Senetoge, PA 19464-2300	PECO - WO # C0140212
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampNA
2301 Market Street, Philadelphia, PA 19101	Authorization No. NA
Address	Expiration Date NA
4. Identification of SystemSys 103/043_Snubber/Reactor I	Rec. Line No. DCA-231-E01
5. (a) Applicable Construction Code <u>ASME III</u> 19.77 Editio	n, W77 Addenda, 1644-6 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Rep	placements 19 <u>86 Edition</u>

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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	20660	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	25736	None	Pats # 1801104-05	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DCA-231-E01-H009

8. Tests conducted: Hydrostetic 🛛 Pneumatic 🖾 Nominal Operating Pressure 🗔

Other Pressure NA psi Test Temp. NA °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/2 in. x 11 in., (2) information in items 1 through 5 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

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

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0140212.</u> Applicable Manufacturer's Data Reports to be attached

	CERTIFI	CATE OF COMPLIANCE
We certify that the stateme the ASME Code, Section XI.	nts made in the repo	rt are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	
Certificate of Authorization No	NA	Expiration DateNA
Signed K.P. Concernant Owner or Owner's Desi		Engineer Feb 23 19 93

CERTIFICATE OF IN	SERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Ni State or Province of <u>Pennsylvania</u> and employed by	
Hartford, CT	have inspected the components described
Hartford, CT in this Owner's Report during the period/-1.3-9.3	to 2-25-93 , and state that
to the best of my knowledge and belief, the Owner has perfor this Owner's Report in accordance with the requirements of th	med examinations and taken corrective measures described in the ASME Code, Section XI. ployer makes any warranty, expressed or implied, concerning ner's Report.Furthermore, neither the Inspector nor his employer
this inspection.	A series of a cost of any sole anong root of series of the
Gaullenan & commissions	PA-2497 I&N *
Inspector's Signature	National Board, State, Province, and Endorsements
Date 25 FEB 19 93	

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L2-92-021

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

1. Owner <u>Philadelphia Electric Company</u> Name	Date February 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of
2. Plent Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanstoga, PA 19464-2300 Address	PECO - WO # C0133435 Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp <u>NA</u>
2301 Market Street, Philadelphia, PA 19101	Authorization No. NA Expiration Date NA
Address	
4. Identification of System Sys 103/043 Snubber/Reactor	r Rac. Line No.DCA-276-E01
5. (a) Applicable Construction Code ASME III 19 77 Edit	ion, <u>W77</u> Addenda, <u>1644-6</u> Code Cas
(b) Applicable Edition of Section XI Utilized for Repairs or Re	eplacements 19 <u>86 Edition</u>

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Yest Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/4 MECH SNUBBER	Pacific Scientific	14929	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	25768	None	Part # 1801104-05	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DCA-276-E01-H003

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🖾 Nominal Operating Pressure 🗇

Other C Pressure NA psi Test Temp. NA "F.

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

(12/82)

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

### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0133435.</u> Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed ACConformation for Maintenance Engineer Feb 23, 19 93

CERTIFICATE OF I	NSERVICE INSPECTION
	National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of Pennsylvania and employed by	
Hertford, CT in this Owner's Report during the period	have inspected the components described to 2-25-93 , and state that
to the best of my knowledge and belief, the Owner has perforthis Owner's Report in accordance with the requirements of the	mmeril examinations and taken corrective measures described in
the exeminations and corrective measures described in this Ow	mployer makes any warranty, expressed or implied, concerning wher's Report.Furthermore, neither the Inspector nor his employer inty damage or a loss of any kind arising from or connerted with
	PA-2497 I&N
Inspector's Signature	National Board, State, Province, and Endorsements
Date25 FFB 19 93	
and the second	

(12/82)

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and a

1. Owner <u>Philadelphia Electric Company</u> Name	Date February 19, 1993				
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof				
2. Plant Limerick Generating Station	Unit LG2				
Name					
P.O. Box 2300, Sanatoga, PA 19454-2300 Address	PECO - WO # C0131414 Repair Organization P.O. No., Job No., etc.				
. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA				
2301 Market Street, Philadelphia, PA 19101	Authorization No. NA Expiration Date NA				
Address					
4. Identification of System Sys 103/044 Snubber/RWCU	Line No.DCA-201-1				

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-10 MECH SNUBBER	Pecífic Scientífic	17495	None	NA	NA	Replaced	Yes
PSA-10 MECH SNUBBER	Pacific Scientific	17505	None	Part # 1801103-07	1986	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DCA-201-H073(A)

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other Pressure NA psi Test Temp. NA PF.

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

(12/82)

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

# FORM NIS-2 (BACK)

Remarks <u>1. Manufacturer's Data Report attached to WO Package C0131414.</u>
 Applicable Manufacturer's Data Reports to be attached

	CERTIFI	CATE OF COMPLIANCE
We certify that the statement he ASME Code, Section XI.	nts made in the repo	rt are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	
Certificate of Authorization No	NĂ	Expiration Date NA
Signed La Conche Owner or Owner's Desig	for Maintenance Date	Engineer Feb 23 19 93

CERTIFICAT	E OF INSERVICE I	NSPECTION	
I, the undersigned, holding a valid commission issued b State or Province of <u>Pennsylvania</u> and employ Hartford, CT	red by H.S.B.I.&	I. Company	/essel inspectors and the of omponents described
Hertford, CT in this Owner's Report during the period/-/3	3-93 to	2-25-93	, and state that
this Owner's Report in accordance with the requirement By signing this certificate neither the Inspector nor the examinations and corrective measures described in t shall be liable in any manner for any personal injury or this inspection.	this employer mak this Owner's Repor property damage ssionsPA-2497	es any warranty, expresse t.Furthermore, neither the or a loss of any kind arisin 18/N	inspector nor his employe ig from or connected with
Inspector's Signature	National	Scald, State, Province, an	d Endorsements
Date 25 FEB 19 93			

etof;			
	2		
LG2			
PECO - WO # C0140389 Repair Organization P.O. No., Job No., etc			
e Code Symbol Stamp_	NA		
sorization No.	NA NA		
STOTT WOTO AND ADDRESS AND ADDRES			
	ation Date		

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuføcturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/4 MECH SNUBBER	Pacific Scientific	14938	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	20740	None	Pert No. 1801104-05	1981	Replacement	Yes

7. Description of Work Replacement of Snubber on Equipment No. DCA-423-E01-H001

S. Tests conducted: Hydrostatic 🗇 Pneumatic 🖾 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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

Page 2 of 2

L2-92-021 FORM NIS-2 (BACK) 9. Remarks 1. Manufacturers' Data Report to WO Package C0140389 Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this \_\_replacement\_ conforms to the rules of the ASME Code, Section XI. repair or replacement NA Type Code Symbol Stamp\_\_\_\_ Certificate of Authorization No. NA Expiration Date NA Owner or Owner's Designee, Title Signed [] 4 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 have inspected the components described 3-22-93, and state that Hartford, CT 2-18-93 to 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 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 employed 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. Gaul alman JA commissions\_ PA-2497 1&N. National Board, State, Province, and Endorsements Inspector's Signature Date 22 MAR 19 93

. Owner Philadelphia Electric Company Name	Date February 19, 1993			
2301 Market Street, Philadalphia, PA 19101 Address	Sheetof	2		
Plant Limerick Generating Station	Unit LG2			
Name				
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C013	3304		
Address	Repair Organization P.O	. No., Job No., etc.		
Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stamp	NA		
	Authorization No.	NA		
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date	NA		
I. Identification of System <u>Sys 103/044Snubber/RWCU</u>	Line No. DBB-212-1			
(a) Applicable Construction Code ASME III 19.77 Edition,	W77 Addenda, 1644-6	Code C		

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Nc.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/2 MECH SNUBBER	Pecific Scientific	16543	None	NA	NA	Replaced	Yes
PSA-1/2 MECH SNUBBER	Pacific Scientific	16544	None	Part # 1801104-07	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DBB-212-H001 (A)

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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## FORM NIS-2 (BACK)

Applicable Manufacturer's Date	a risports to be attac	mea
CE	RTIFICATE OF COM	PLIANCE
We certify that the statements made in the the ASME Code, Section XI.	report are correct a	nd this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol StampNA		
Certificate of Authorization No. NA	Expira	tion Date NA
signed K.P. Concernanter	ance Engineer 🔶	
Owner or Owner's Designee, Title	Date C	<u>2 5 2 2 ( , 18 7 5</u>
Owner or Owner's Designee, Title	Date C	<u>25 22( , 18 75</u>
Owner or Owner's Designee, Title	Date C	<u>2522</u> , 19 <u>75</u>
Owner or Owner's Designee, Title	LTE OF INSERVICE I	
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued	TE OF INSERVICE I	NSPECTION
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl	TE OF INSERVICE I by the National Boa oved by H.S.B.I.&	NSPECTION ind of Boiler and Pressure Vessel Inspectors and t 1. Company
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl Hartford, CT	TE OF INSERVICE I by the National Boa oved by <u>H.S.B.1.6</u>	NSPECTION ind of Boiler end Pressure Vessel Inspectors and t 1. Company have inspected the components described
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hartford, CT</u> this Owner's Report during the period	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-23 to	NSPECTION rd of Boiler end Pressure Vessel Inspectors end t 1. Company have inspected the components described have inspected the components described 
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl Hartford, CT	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-93 to_ ias performed exami	NSPECTION ind of Boiler end Pressure Vessel Inspectors end to <u>I. Company</u> have inspected the components described 
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hertford, CT</u> this Owner's Report during the period <u>1-7</u> the best of my knowledge and belief, the Owner h is Owner's Report in accordance with the requirem	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-93 to use performed exami- herits of the ASME C	NSPECTION ind of Boiler and Pressure Vessel Inspectors and the second of the components described the components described that that the second of the second to be second of the secon
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hartford, CT</u> this Owner's Report during the peniod <u>I-2</u> the best of my knowledge and belief, the Owner h is Owner's Report in accordance with the requirem By signing this certificate neither the Inspector n	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-93 to tas performed exami- tents of the ASME C tor his employer mak	NSPECTION ind of Boiler end Pressure Vessel Inspectors and the <u>I. Company</u> have inspected the components described 
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hartford, CT</u> this Owner's Report during the penod <u>I-/</u> the best of my knowledge and belief, the Owner h is Owner's Report in accordance with the requirem By signing this certificate neither the Inspector n e exeminations and corrective measures described h	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-93 to tas performed exami- tents of the ASME C tor his employer mak in this Owner's Report	NSPECTION and of Boiler end Pressure Vessel Inspectors and to <u>1. Company</u> have inspected the components described <u>2-226-93</u> and state that nations and taken corrective measures described ode, Section XI. es any warranty, expressed or implied, concernin t.Furthermore, neither the Inspector nor his emplo
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hartford, CT</u> this Owner's Report during the peniod <u>I-2</u> the best of my knowledge and belief, the Owner h is Owner's Report in accordance with the requirem By signing this certificate neither the Inspector n	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-93 to tas performed exami- tents of the ASME C tor his employer mak in this Owner's Report	NSPECTION and of Boiler end Pressure Vessel Inspectors and the I. Company have inspected the components described 2-226-93 and state that nations and taken corrective measures described ode, Section XI. es any warranty, expressed or implied, concernin t.Furthermore, neither the Inspector nor his emplo
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hartford, CT</u> this Owner's Report during the period <u>I-/</u> the best of my knowledge and belief, the Owner h is Owner's Report in accordance with the requirem By signing this certificate neither the Inspector n e examinations and corrective measures described in all be liable in any manner for any personal injury in is inspection.	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> <u>13-93</u> to tas performed exemi- tents of the ASME C nor his employer mak in this Owner's Repor- or property damage	NSPECTION rd of Boiler end Pressure Vessel Inspectors and to 1. Company have inspected the components described 2-26-93and state that nations and taken corrective measures described inde, Section XI. es any warranty, expressed or implied, concerning t.Furthermore, neither the Inspector nor his emplo or a loss of any kind ansing from or connected a
Owner or Owner's Designee, Title CERTIFICA the undersigned, holding a valid commission issued ate or Province of <u>Pennsylvania</u> and empl <u>Hartford, CT</u> this Owner's Report during the period <u>I-/</u> the best of my knowledge and belief, the Owner h is Owner's Report in accordance with the requirem By signing this certificate neither the Inspector n e examinations and corrective measures described in all be liable in any manner for any personal injury in is inspection.	TE OF INSERVICE I by the National Boa oyed by <u>H.S.B.I.&amp;</u> (3-93 to tes performed exami tents of the ASME C nor his employer mak in this Owner's Repor or property damage	NSPECTION rd of Boiler end Pressure Vessel Inspectors and to <u>1. Company</u> have inspected the components described <u>2-26-93</u> and state that nations and taken corrective measures described inde, Section XI. es any warranty, expressed or implied, concerning t.Furthermore, neither the Inspector nor his emplo or a loss of any kind ansing from or connected a

1. Owner <u>Philadelphia Electric Company</u> Name	Date February 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of
2. Plant Limerick Generating Station	Unit LG2
Neme	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0131392
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by Philadelphia Electric Company Name	Type Code Symbol Stemp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	
4. Identification of System Sys 103/051 Snubber/RHR	Line No.DCA-205-E02
5. (a) Applicable Construction Code ASME III 19 77 Edition	. W77 Addende, 1644-6 Code Cet

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Rapaired or Replaced and Replacement Components

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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	25715	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	25791	None	Part # 1801104-05	1982	Replacement	Yes
1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -							

7. Description of Work Replacement of snubber on Equipment No. DCA-205-E02-H002

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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12-92-021

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#### FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0131392.</u> Applicable Manufacturer's Data Reports to be attached

NA

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp\_\_\_\_

Certificate of Authorization No.

Expiration Date NA

for Maintenance Engineer Feb 23 19 93 Signed wher or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

	marciora, Let	the second se	110.00	mappored me co	mponents described	
in this O	wner's Report during the perio	1-13-93	10 2-2	15-93	, and state that	
	est of my knowledge and belie				e measures described in	h
this Own	per's Report in accordance with	the requirements of the A	SME Code Secti	on Xi		

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with

this inspection. Inspector's Signeture

Commissions PA-2497 I&N

National Board, State, Province, and Endorsements

Date 25 FEB 1993

(12/82)

19

. Owner Philadelphia Electric Company	Date March 05, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of
Plant imerick Generating Station	Unit LG2
Neme	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0133710
Address	Repair Organization P.O. No., Job No., etc.
. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufecturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(1)LOAD PIN ½* X 2-7/8"	NA	*114-92887	None	NA	NA	Replacement	No

7. Description of Work Replacement of load pin on Equipment No. EBB-221-E02-H007

\*Traceability per PECo Part No.

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🖾 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA "F.

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

(12/82)

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<sup>5. (</sup>a) Applicable Construction Code ANSI B31.7 19 69 Edition, THRU 71 Addenda, NA Code Case

#### FORM NIS-2 (BACK)

9. Remarks 1. Load pin is a catalog item. (WO# C0133710)

Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this \_\_\_\_\_\_ replacement\_\_ conforms to the rules of the ASME Colle, Section XI. repair or replacement Type Code Symbol Stamp NA Expiration Date NA Certificate of Authorization No. NA tor Saintenance Engineer MARCH 9 18 93 Signed Owner or Owner's Designee, Title CERTIFICATE OF IN: ...RVICE INSPECTION I, the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the Stote of Province of Pennsylvania and employed by H.S.B.I.& I. Company Hartford, CT have inspected the components described 2-18-93 3-22-93 in this Owner's Report during the period , and state that to 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 exeminations and corrective measures described in this Owner's Report Furthermore, neither the Inspector nor his employed 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. fauldenait f Commissions PA-2497 I&N Inspector's Signature National Board, State, Province, and Endorsements Date 22 MAR 18 93

. Owner _ Philadelphia Electric Company	Date Feburary 19, 1993
Name	
2301 Merket Street, Philadelphie, PA 19101 Address	Sheet of
. Plent Limerick Generating Station Name	Unit LG2
P.O. Box 2300, Senstoge, PA 19464-2300 Address	PECO - WO # C0131342
NUMIDED	Repair Organization P.O. No., Job No., etc
. Work Performed by <u>Philadels his Electric Company</u> Name	Type Code Symbol Stemp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	

4. Identification of System Sys 103/051 Snubber/RHR Line No. GBB-205-1

5. (e) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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 Stemped (Yes or No)
PSA-35 MECH SNUBBER	Pecífic Scientífic	12807	None	NA	NA	Replaced	Yes
PSA-35 MECH SNUBBER	Pr. No	7425	None	Pair # 1801112-09	1981	Replacement	Yes
Contraction and the second second							

7. Description of Work Replacement of snubber on Equipment No. GBB-205-H007

8. Tests conducted: Hydrostatic D Pneumetic D Nominal Operating Pressure D

Other D Pressure NA psi Test Temp. NA PF.

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

(12/82)

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## FORM NIS-2 (BACK)

9. Romarks 1. Manufacturer's Data Report is attached to WO Package C0131342. Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No	NA Expir	ation Date NA	
any in a set the set of the set o		6 23	, 18 93
Owner or Owner's Designe	e, Title		

CERTIFICATE OF	INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the State or Province of <u>Pennsylvania</u> and employed by	National Board of Boiler and Pressure Vessel Inspectors and the V H.S.B.I.& I. Company of
in this Owner's Report during the period /-/3-9	have inspected the components described to 2-25-93, and state that
to the best of my knowledge and belief, the Owner has perf this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his a	formed examinations and taken corrective measures described in
	perty damage or a loss of any kind arising from or connected with
Inspector's Signature	National Board, State, Province, and Endorsements
Date 25 FEB 19 93	

Owner Philadelphia Electric Company	Date February 19, 1993				
Name					
2301 Market Street, Philadelphia, PA 19101	Sheet 1 of	,			
Address	annonen aller annondersenant anno				
Plant Limerick Generating Station	Unit LG2				
Name					
P.O. Box 2300, Senstoge, PA 19464-2300	PECO - WO # C014	0213			
Äddress	Repair Organization P.O	No., Job No., etc.			
Work Performed by Philedelphis Electric Company	Type Code Symbol Stamp	NA			
	Authorization No.	NA			
2301 Market Street, Philadelphia, PA 19101	Expiration Date	NA			
Address					
Identification of System Sys 103/051 Snubber/RHR	Line No. SBD-251-E79				
. Identification of System System Sys 100/031 Shubbenherk	Line 140, 500-251-275	and the state of t			

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Senal No.	National Board No.	Other Identification	Year Buil:	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PS 4-1/4 MECH SNUBBER	Pacific Scientific	22324	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	20524	None	Part # 1901104-05	1981	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. SBD-251-E79-H001

8. Tests conducted: Hydrostatic 🛛 Pneumatic 🖾 Nominal Operating Pressure 🗔

Other D Pressure NA psi Test Temp. NA PF.

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

(12/82)

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#### FORM NIS-2 (BACK)

S. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0140213.</u>
 Applicable Manufacturer's Data Reports to be attached

We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the ASME Code, Section XI. repair or replacement ype Code Symbol Stamp <u>NA</u>	e rules of
vpe Code Symbol StampNA	
ertificate of Authorization No. NA Expiration Date NA	
igned <u>B.C. Man</u> tor Maintenance Engineer <u>Feb 25</u> , 19 93	

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board o	f Boiler and Pressure Vessel Inspectors and the	
State or Province of Pennsylvania and amployed by H.S.B.I.& I. C	ompanyo	6
Hertford, CT	have inspected the components described	

in this Owner's Report during the period 1-13-93 to 2-24-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions PA-2497 I&N National Board, State, Province, and Endorsements

Date\_\_\_\_\_2/2 FFEB1993

1, Owner Philadelphia Electric Company	Date February 19, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet of
Address	
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0140210
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampNA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	
4. Identification of System Sys 103/052 Snubber/Core Spre	av Line No. DCA-411-E01
6. (e) Applicable Construction Code ASME III 19 77 Edition	n, W77 Addends, 1644-6 Code Ca

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	20499	None	NA	A VI	Replaced	Yes
PSA-174 MECH SNUBBER	Pacific Scientific	22333	None	Part # 1801104-05	1981	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. DCA-411-E01-H009.

8. Tests conducted: Hydrosiatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA PF.

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

(12/82)

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# FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report attached to WO Package C0140210.</u> Applicable Manufacturer's Data Reports to be attached

	CE	RTIFICATE OF COMPLIANCE
We certify that the statement the ASME Code, Section XI.	nts made in the	report are correct and this <u>replacement</u> conforms to the rules of repair or replacement
Type Code Symbol Stamp	NA	
Certificate of Authorization No	NA	Expiration Date NA
signed H. Concanue	for Mainten	ance Engineer Feb 24

CERTIFICATE OF IN	SERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Na State or Province of <u>Pennsylvania</u> and employed by	H.S.B.I.& I. Company of
Hartford, CT in this Owner's Report during the period	med examinations and taken corrective measures described in
By signing this certificate neither the Inspector nor his em the examinations and corrective measures described in this Owr shall be liable in any menner for any personal injury or propert	
This inspection	PA-2497 1&N National Board, State, Province, and Endorsements
Date	

L2-92-021

Code Case

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

. Owner <u>Philadelphia Electric Company</u> Name	Date February 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof
Plant Limerick Generating Station Name	UnitLG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO# C0131355
Address	Repair Organization P.O. No., Job No., etc
Work Performed byPhiladelphia Electric Company	Type Code Symbol Stamp NA
Name	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addends, 1644-6

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Menufacturer	Manufacturer Serial No.	Netional Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-3 MECH SNUBBER	PACIFIC SCIENTIFIC	21115	NONE	NA	NA	REPLACED	YES
PSA-3 MECH SNUBBER	PACIFIC SCIENTIFIC	17052	NONE	PART NO. 1801106-05	1981	REPLACEMENT	YES

7. Description of Work Replacement of snubber on Equipment No. GBB-213-H013A

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA PF.

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

# FORM NIS-2 (BACK)

. Remarks <u>1. Manufecturer's data report is i</u>	Applicable Manufectu		orts to be attached
	CERTIFICATE OF C	OMPLIANCE	
We certify that the statements may the ASME Code, Section XI.	de in the report are corre		eplacement conforms to the rules o pair or replacement
Type Code Symbol Stamp NA			
Certificate of Authorization No. NA	Expire	tion Date!	NA.
signed K.L. Corcam	Expire for Maintenance Eng Dete	b 23	19 93
Owner or Owner's Designee, T	itie		
CI , the undersigned, holding e valid commissio State or Province of Pennsylvania a		Board of Boile	r and Pressure Vessel Inspectors and th
Hertford, CT	no employed by <u>H.S.D.</u>	destances and the second state and	ave inspected the components describe
n this Owner's Report during the period	1-13-93	10 2-25	
	and the second second between the second second		and a real statement of a second of the second se
and the second the state in the second s	Owner has performed ex		
and the second state of the second strategy and the second strategy and	Owner has performed ex		
his Owner's Report in accordance with the By signing this certificate neither the Ins	Owner has performed ax requirements of the ASM spector nor his employer r	IE Code, Section	on XI. menty, expressed or implied, concerning
this Owner's Report in accordance with the By signing this certificate neither the Ins the exeminations and corrective measures de	Owner has performed ax requirements of the ASM spector nor his employer r scribed in this Owner's Re	E Code, Section makes any water aport.Furtherm	on XI. manty, expressed or implied, concerning ore, neither the Inspector nor his employ
the examinations and corrective measures de shall be liable in any manner for any persons	Owner has performed ax requirements of the ASM spector nor his employer r scribed in this Owner's Re	E Code, Section makes any water aport.Furtherm	on XI. manty, expressed or implied, concerning ore, neither the Inspector nor his employ
his Owner's Report in accordance with the By signing this certificate neither the Ins he examinations and corrective measures de shall be liable in any manner for any persons	Owner has performed ax requirements of the ASM spector nor his employer r scribed in this Owner's Re al injury or property dama	E Code, Section makes any war iport.Furthermoge or a loss o	on XI. manty, expressed or implied, concerning ore, neither the Inspector nor his employ
his Owner's Report in accordance with the By signing this certificate neither the Ins he examinations and corrective measures de shall be liable in any manner for any persons	Owner has performed ax requirements of the ASM spector nor his employer r scribed in this Owner's Re	E Code, Section makes any war iport.Furthermoge or a loss o	on XI. manty, expressed or implied, concerning ore, neither the Inspector nor his employ
his Owner's Report in accordance with the By signing this certificate neither the Ins he examinations and corrective measures de shall be liable in any manner for any persona	Owner has performed ax requirements of the ASM spector nor his employer in scribed in this Owner's Re al injury or property dame Commissions PA-245	IE Code, Section makes any war port Furtherm oge or a loss o 17 I&N	on XI. manty, expressed or implied, concerning ore, neither the Inspector nor his employ
this Owner's Report in accordance with the By signing this certificate neither the Ins the examinations and corrective measures de shall be liable in any manner for any persons this inspection	Owner has performed ax requirements of the ASM spector nor his employer in scribed in this Owner's Re al injury or property dame Commissions PA-245	IE Code, Section makes any war port Furtherm oge or a loss o 17 I&N	on XI. manty, expressed or implied, concerning ore, neither the inspector nor his employ f any kind arising from or connected w

Owner Philadelphia Electric Company Name					Date January 28, 1993				
2301 Market Street, Philadelphia, PA 19101 Address				Sheet	Sheetof2				
Plant Limerick Generating Station					LG2	a and the second state			
	Nar	ne							
P.O. Box 2	300, Sanatoga, I	PA 19464-2300			PECO -	WO # C0131356			
	and the second state of th	iress		Rep	air Organ	hization P.O. No.,	Job No., etc.		
Work Perform	ned by <u>Philadel</u> Nam	A real of the party of the part	pany	Type (	Code Syn	nbol Stamp	NA		
	19017	10		Autho	rization ħ	io. N	A		
301 Market	Street, Philadelph	hia, PA 19101		Expirati	on Date_	NA			
	of System <u>Sy</u> Construction Co			av Line No. GBB n. <u>W76</u> Ad		1644-5	Code (		
(a) Applicable b) Applicable	Construction Co Edition of Sectio	ode <u>ASME III</u> on XI Utilized for I	19 <u>74</u> Editio Repairs or Rep		ldenda, Edition	1644-5	Code (		
(a) Applicable b) Applicable	Construction Co Edition of Sectio	ode <u>ASME III</u> on XI Utilized for I	19 <u>74</u> Editio Repairs or Rep	n. <u>W76</u> Ad Nacements 19 <u>86</u>	ldenda, Edition	1644-5 Repaired, Replaced, or Replacement	Code ( ASME Code Stamped (Yes or No)		
(a) Applicable b) Applicable Identification Name of	e Construction Co Edition of Section of Components Name of	ode <u>ASME III</u> on XI Utilized for I Repaired or Repla Manufacturer	_19 <u>74</u> _Editio Repairs cr Rep aced and Repla National	n, <u>W76</u> Ad blacements 19 <u>86</u> acement Compone Other	idenda, Edition ents Year	Repaired, Replaced, or	ASME Code Stamped (Yes or		

7. Description of Work Replacement of snubber on equipment no. GBB-213-H013B

8. Tests conducted: Hydrostatic 🛛 Pneumatic 🖾 Nominal Operating Pressure 💭

Other D Pressure NA psi Test Temp. NA PF.

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

(12/82)

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

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturers Certificate of Compliance attached to WO Package.</u> Applicable Manufacturer's Data Reports to be attached

#### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stemp NA

Certificate of Authorization No. NA	Expiration Date NA
Signed K.P.Conconnon Dete	Feb 17, 19 93

PECTION of Boiler and Pressure Vess <u>Company</u> have inspected the comp Z-25-73	el inspectors and the
Company	el Inspectors and the of
have inspected the comp	
G2	onents described , and state that
le, Section XI. any warranty, expressed of Furthermore, neither the Insp a loss of any kind arising fr	implied, concerning actor nor his employed
<u>sn</u> ard, State, Province, and En	dorsements
100	any warranty, expressed of furthermore, neither the Insp a loss of any kind arising fr &N

. Owner Philadelphia Electric Company Name	Dete Feburery 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof
Plant Limerick Generating Station	
Name	Unit LG2
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0131344
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Address	Expiration Date NA

4. Identification of System\_ Sys 103/053 Snubber/FPC Line No. GCC-201-1

5. (a) Applicable Construction Code ASME III 19.77 Edition, S77 Addenda, 1644-5 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1985 Edition

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)
PSA-35 MECH SNUBBER	Pacific Scientific	12910	None	NA	NA	Replaced	Yes
PSA-35 MECH SNUBBER	Pacific Scientific	9090	None	Pert # 1801112-09	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. GCC-201-H003A

8. Tests conducted: Hydrostatic 🗆 Pneumatic 🖾 Nominal Operating Pressure 🗅

Other D Pressure NA psi Test Temp. NA \*F.

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

(12/82)

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## FORM NIS-2 (BACK)

Ð.,	Remarks_	1.	Manufacturer's	Dete	Report is	etteched	to WO	Package	CO13	1344	£	
					Applicable	s Manuta	cturer's	Data Re	ports t	o be	attached	

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp\_\_\_\_\_NA

	Expiration DateNA
Signed K.C. Concon Dete	"Feb 23 19 93
Owner or Owner's Designee, Title	

CERTIFI	CATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issu State or Province of <u>Pennsylvania</u> and en	ed by the National Board of Boiler and Pressure Vessel inspectors and th nployed by <u>H.S.B.I.&amp; I. Company</u> o
to the best of my knowledge and belief, the Owner this Owner's Report in accordance with the requir By signing this certificate neither the Inspecto the examinations and corrective measures describe shall be liable in any manner for any personal inju- this inspection.	have inspected the components described <u>1-/3-93</u> to <u>2-25-93</u> , and state that in hes performed examinations and taken corrective measures described i ements of the ASME Code, Section XI. If nor his employer makes any warranty, expressed or implied, concerning id in this Owner's Report Furthermore, neither the Inspector nor his employer ry or property damage or a loss of any kind arising from or connected wi immissions <u>PA-2497 I&amp;N</u> National Board, State, Province, and Endorsements
Inspector's Signature Date 25 FEB19 93	National Board, State, Province, and Endorsements

. Owner <u>Philadelphia Electric Company</u> Name	Date Feburary 19, 1993
2301 Market Street, Philadelphia, PA 19101 Address	Sheetof
Plant Limerick Generating Station	Unit LG2
P.O. Box 2300, Senstoge, PA 19464-2300 Address	PECO - WO # C0131345 Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphia Electric Company Name	Type Code Symbol StampNA
2301 Market Street, Philadelphia, PA 19101	Authorization No. NA Expiration Date NA
Address	

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addenda, 1644-6 Code Case

(b) Applicable Edition of Section 31 Utilized for Repairs or Replacements 1986 Edition

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)
PSA-35 MECH SNUBBER	Pecific Scientific	12909	Nons	NA	NA	Replaced	Yes
PSA-35 MECH SNUBBER	Pacific Scientific	5956	None	Part # 1801112-11	1980	Replacement	Yes
				an and a former instantion of the second second		alati una salati di su a su a su a	
en and and an				n oost toi generatione best of a source of the			

7. Description of Work Replacement of snubber on Equipment No. GCC-201-H003B

8. Tests conducted: Hydrostatic 🗇 Pneumatic 🗇 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report is attached to WO Package CD131345.</u> Applicable Manufacturer's Data Reports to be attached

NA

#### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp\_\_\_\_\_

Certificate of Authorization No. NA	Expiration Date NA	
Signed K.P. Company for Maintenance Engine	EPK 23 19 93	
Owner or Owner's Designee, Title	and and a difference of a contract of the second	

CE	RTIFICATE OF INSE	RVICE INS	PECTION	
, the undersigned holding a valid commissio				
State or Province of <u>Pennsylvania</u> Hartford, CT				of components described
Hartford, CT n this Owner's Report during the period	1-13-93	to	2-75-93	end state that
No. of the second se	and the second			
By signing this certificate neither the Ins he examinations and corrective measures de- inal be liable in any manner for any persons his inspection.	scribed in this Owner I injury or property d Commissions P	's Report.f Jamage or PA-2497 IJ	urthermore, nuither th a loss of any kind ari	e Inspector nor his employe sing from or connected wit

1. Owner <u>Philadelphia Electric Company</u> Name	DateFebruary 19, 1993
2301 Merket Street, Philadelphie, PA 19101 Address	Sheetof2
2. Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0140211
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol StampNA
2301 Market Street, Philadelphie, PA 19101 Address	Authorization No. NA Expiration Date NA
4. Identification of System Sys 103/053 Snubber/Fuel Pool Cooling	Line No.HBC-209-E01
5. (a) Applicable Construction Code ASME III 19.77 Edition, W77	Addenda, 1644-6 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 19 <u>86 Edition</u>
6. Identification of Components Repaired or Replaced and Replacement (	Componente

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)
PSA-1/4 MECH SNUBBER	Pacific Scientific	20678	None	NA	NA	Replaced	Yes
PSA-1/4 MECH SNUBBER	Pacific Scientific	25642	None	Part # 1801104-05	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. HBC-209-E01-H004

8. Tests conducted: Hydrostatic 🗆 Pneumatic 🖾 Nominal Operating Pressure 🗇

Other D Prezsure NA psi Test Temp. NA PF.

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

(12/82)

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

#### FORM NIS-2 (BACK)

9. Remarks 1. Manufecturer's Data Report attached to WO Package C0140211. Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this \_\_replacement\_ conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp\_ NA Certificate of Authorization No. NA Expiration Date NA for Maintenance Engineer 23 19 93 m Signed Date Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I.& I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period \_\_\_\_ 2-25-93 1-13-93 , and state that 10 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 employed shall be liable in any menner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. aucenan Commissions\_ PA-2497 1&N Inspector's Signature National Board, State, Province, and Endorsements 25 FEB1993 Date

Owner Philadelphia Electric Company	DateFebruary 19, 1993
Name	
2301 Market Street, Philadelphia, PA 19101 Address	Sheet of
Plant Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatoga, PA 19464-2300	PECO - WO # C0131361
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by <u>Philadelphia Electric Company</u> Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadelphia, PA 19101	Expiration Date NA
Address	

4. Identification of System Sys 103/053 Snubber/FPC Line No. HCC-205-1

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addends, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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)
PSA-1/2 MECH SNUBBER	Pacific Scientific	13905	None	NA	NA	Repleced	Yes
PSA-1/2 MECH SNUBBER	Pecific Scientific	16531	None	Part # 1801104-07	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. HCC-205-H009A

8. Tests conducted: Hydrostatic 🗆 Pneumatic 🗅 Nominal Operating Pressure 🗇

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

# FORM NIS-2 (BACK)

9. Remarks 1. Manufecturer's Date Report is attached to WO Package C0131361. Applicable Manufacturer's Data Reports to be attached

# CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp\_\_\_\_ NA Certificate of Authorization No.\_\_\_\_ NA Expiration Date NA Conser\_\_\_\_\_ Date \_\_\_\_ for Maintenance Engineer ) -eb 23 .19 93 Signed e

Owner or Owner's Designee, Title

CERTIFICATE OF INS	ERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Nati State or Province of <u>Pennsylvania</u> and employed by <u>Hartford, CT</u> In this Owner's Report during the period <u>1-13-93</u> to the best of my knowledge and belief, the Owner has perform this Owner's Report in accordance with the requirements of the	H.S.B.I.& I. Company of have inspected the components described 10 2-25-93 and state that red examinations and taken corrective measures described in
By signing this certificate neither the Inspector nor his emplitive examinations and corrective measures described in this Ownershall be liable in any manner for any personal injury or property this inspection.	damage or a loss of any kind arising from or connected with
Inspector's Signature	National Board, State, Province, and Endorsements
Date 25 F2B 19 93	

Owner Philadelphia Electric Company	Date February 19, 1993
Name	
2301 Market Street, Philadelphia, PA 19101	Sheet of
Address	
Plans Limerick Generating Station	Unit LG2
Name	
P.O. Box 2300, Sanatogs, PA 19454-2300	PECO - WO # C0131363
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Philadelphie Electric Company Name	Type Code Symbol Stamp NA
	Authorization No. NA
2301 Market Street, Philadel; hia, PA 19101	Expiration Date NA
Address	

4. Identification of System Sys 103/053 Snubber/FPC Line No. HCC-205-1

5. (a) Applicable Construction Code ASME III 19.77 Edition, W77 Addende, 1644-6 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/2 MECH SNUBBER	Pecific Scientific	13907	None	NA	NA	Replaced	Yes
PSA-1/2 MECH SNUBBER	Pacific Scientific	16479	None	Part # 1801104-07	1982	Replacement	Yes

7. Description of Work Replacement of snubber on Equipment No. HCC-205-H009(B)

8. Tests conducted: Hydrostatic 🗌 Pneumatic 🗍 Nominal Operating Pressure 💭

Other D Pressure NA psi Test Temp. NA °F.

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

(12/82)

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

## FORM NIS-2 (BACK)

9. Remarks <u>1. Manufacturer's Data Report is attached to №0 Package C0131363.</u> Applicable Manufacturer's Data Reports to be attached

# CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authonization No. NA	Expiration Date NA
Signed KC Concomentation Date	Feb 23 19 93
Owner or Owner's Designee, Title	

CERTIFICATE	E OF INSERVICE INSPECTION
I, the undersigned holding a valid commission issued by State or Province of Pennsylvania and employe	y the National Board of Boiler and Pressure Vesso <sup>1</sup> Inspectors and th ad by HSBL&I Company
in this Owner's Report during the period/~	have inspected the components described 13-93 to 2-25-93 , and state that
this Owner's Report in accordance with the requirement	its of the ASME Code, Section XI.
the examinations and corrective measures described in the shall be liable in any manner for any personal injury or personal commistence of the statement of the statem	his employer makes any warranty, expressed or implied, concerning his Owner's Report.Furthermore, neither the inspector nor his employ property damage or a loss of any kind arising from or connected wi isions <u>PA-2497 1kN</u>
the examinations and corrective measures described in the shall be liable in any manner for any personal injury or personal inj	his Owner's Report.Furthermore, neither the inspector nor his employ property damage or a loss of any kind arising from or connected wi