

LIMERICK GENERATING STATION
UNIT 1
SUMMARY REPORT
FOR THE
JULY 9, 1992 TO MARCH 11, 1994
PERIODIC INSERVICE INSPECTION

REPORT N° 5

BOOK 1 OF 2

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

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

2. Plant Limerick Generating Station
P.O. Box 2300, Pottstown, PA 19464-0920
(Name and Address of Plant)

3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date February 1, 1986 6. National Board Number for Unit 3908

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Nuclear Reactor				
Vessel	Chicago Bridge & Iron Co.	T31	B116767	N/A
Class 1, 2, & 3				
Piping Systems				
& 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates July 9, 1992 to March 11, 1994 9. Inspection Interval from February 1, 1986 to February 1, 1996
10. Applicable Editions of Section XI 1986 Addenda N/A
11. 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
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 May 25 19 94 Signed PECO Energy Company By D.L. Schmitt
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9 JULY 92 to 11 MAR 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Beranek Commissions PA 2497 IN&A
Inspector's Signature National Board, State, Province, and Endorsements

Date 31 MAY 19 94

LIMERICK GENERATING STATION
UNIT 1
SUMMARY REPORT
FOR THE
JULY 9, 1992 TO MARCH 11, 1994
PERIODIC INSERVICE INSPECTION
REPORT N° 5

ATTACHMENT 1

SUMMARY OF EXAMINATIONS PERFORMED
AND INDICATIONS OBSERVED

SUMMARY OF EXAMINATIONS PERFORMED

During the period from July 9, 1992 through March 11, 1994, preservice and inservice inspections were performed at Limerick Generating Station, Unit 1. July 9, 1992 was the first day of the fifth fuel cycle. March 11, 1994 was the last day of the fifth refuel outage, 1R05. This Summary Report covers the first half of the Third Period of the First 10 Year Inspection Interval.

Examinations completed during this period were performed by PECO Energy Company and General Electric Company. All examinations were performed in accordance with the requirements of ASME Section XI, 1986 Edition.

Several large maintenance and modification projects required the performance of preservice inspections. These baseline examinations, of 100% of the affected components, were also performed in accordance with ASME Section XI, 1986 Edition. The following is a brief description of these projects:

<u>PROJECT</u>	<u>DESCRIPTION</u>
MOD 6140-1	Snubber Reduction
MOD 6147-1	Cross tie between RHR and Fire Protection Systems
MOD 6194-1	RHR Service Water System Isolation Valves
MOD 6227-1	A & B RHR Heat Exchanger Replacement
MOD 6240-1	RHR Steam Condensing Mode Deletion
MOD P00058-1	Emergency Service Water System Isolation Valves
JP Hold Down Beams	Replacement of 100% of the Type 1 Jet Pump Hold Down Beams with Improved Type 2 Beams
MSIP	Performed Mechanical Stress Improvement on 14 Nozzle-to-Safe End/Cap welds and 4 pipe welds

NOTE: MSIP was performed to mitigate the potential for Intergranular Stress Corrosion Cracking (IGSCC) in accordance with the Generic Letter 88-01. This completes Stress Improvement for 100% of the Unit 1, ASME Class 1 and 2, welds with IGSCC Category D classification. These welds are now reclassified to IGSCC Category C.

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

<u>DOCUMENT NO.</u>	<u>DESCRIPTION</u>
G.L. 88-01	Intergranular Stress Corrosion Cracking
NUREG-0800	No Break Boundaries
NUREG-CR3052	BWR Jet Pump Assembly Failures
I.E.B. 80-13	Cracking in Core Spray Spargers
GE SIL 409	Incore Dry Tube Cracks
GE SIL 420	Inspection of Jet Pump Sensing Lines
GE SIL 455	ISI of Alloy 182 Weldments
GE SIL 462	Shroud Support Access Hole Covers
GE SIL 551	Jet Pump Riser Brace Arms
GE SIL 554	RPV Top Guide
GE SIL 574	Jet Pump Adjusting Screw Tack Welds

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
CSA 015	77.67%	NOTE 1
RHB 013	79.55%	NOTE 1
RHD 013	79.55%	NOTE 1
VRR-1RD-HHB2 (IA)	73.77%	NOTE 2
VRR-1RS-HHB1 (IA)	89.87%	NOTE 2

NOTE 1: No action; included in Relief Request No. RR-10.

NOTE 2: Submit Request for Relief prior to completion of Inspection Interval.

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 OF INDICATIONS OBSERVED

As a result of the examinations performed during the July 9, 1992 to March 11, 1994 fuel cycle, several indications were recorded. Subsequent evaluations determined most indications to be non-relevant, either metallurgical or geometric in nature. However, several non-geometric indications were recorded as a result of inservice inspections. These indications are summarized below.

VT-1 visual inspection of the bonnet bolting on valve HV-041-1F028D detected 3 studs with gouges. The studs were damaged when the valve was disassembled for maintenance. The studs were replaced with new baseline examinations. No additional examinations were required.

VT-1 visual inspection of the inlet flange bolting on valve PSV-041-1F013N detected galling/wear on 5 studs. The studs were damaged when the valve was disassembled for replacement. The studs were replaced with new baseline examinations. No additional examinations were required.

VT-1 visual inspection of the sealing surfaces of pipe flange APE-1MS-LD-M5 (PSV-041-1F013S) detected steam erosion and gouges. The surfaces were weld repaired and machined. A new baseline examination was performed. No additional examinations were required.

VT-3 visual inspection of supports APE-1MS-HHA1, B1, C1 and D1 detected loose bolting and missing clamp spacers. Reference NCR's 93-00060 and 94-00091. The bolting was reworked and new baseline examinations were performed. No additional inspections were required since the original inspections and rework/ baseline included 100% of the component population.

UT ultrasonic inspection of pipe to flange weld RHA 500 detected a non-ID connected planar indication. The indication was sized and determined to be acceptable to ASME Code requirements. No additional examinations were required.

UT ultrasonic inspection of nozzle to vessel weld N7 detected a planar indication in the outer 75% of the weld thickness. The indication was first detected during the RPV PSI and determined to be acceptable to ASME Code requirements. There was no change in the size of the indication as reported during the PSI.

UT ultrasonic inspection of nozzle to safe end weld VRR-1RD-1A N2H was performed as a result of a previously identified planar indication. This was the 2nd inspection after MSIP was performed on the weldment during 1R04 in accordance with GL 88-01. There was no change to the indication as reported after the 1R03 or 1R04 inspections.

UT ultrasonic inspection of nozzle to safe end weld VRR-1RD-1A N2J detected a non-ID connected planar indication at the nozzle to butter interface. The indication was sized and determined to be acceptable to ASME Code requirements. No additional examinations were required.

UT ultrasonic inspection of nozzle to safe end weld DCA-319-1 N5A detected a non-ID connected planar indication outside the weld and required volume. The indication was first detected during the RPV PSI and was identified as acoustic interface (grain noise). The indication, now reclassified as planar in nature, was sized and determined to be acceptable to ASME Code requirements. There was no change to the size of the indication as reported during the PSI.

LIST OF COMPONENT EXAMINATIONS (LEGEND):

1. System identification and Figure Number identifying the reference drawing applicable to the components listed below.
2. 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.
7. 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. 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
 - AI Acoustic Interface
 - b. Non-Geometric Indications
 - PI Planar Indication
 - LI Laminar Indication
 - LNI Linear Indication
 - SI Spot Indication
 - RI Rounded Indication

c.	Other	
	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
	S/N	Signal to Noise Ratio
	UT	Ultrasonic Test
	MT	Magnetic Particle Test
	PT	Liquid Penetrant Test
	VT	Visual Test
	WRV	Weld and Required Volume
	LSDS	Longitudinal Seam Weld Down Stream of Circumferential Weld
	LSUS	Longitudinal Seam Weld Up Stream of Circumferential Weld
	CW	Clockwise
	CCW	Counterclockwise
	DEG	Degree
	AZ	Azimuth
	PSI	Preservice Inspection
	RPV	Reactor Pressure Vessel

Summary Report #5
Attachment 1
List of Component Examinations (Legend)
Page 3 of 3

DATE: 05/25/94
REVISION: 0

LIMERICK GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY REPORT
FIRST INTERVAL, THIRD PERIOD, FIRST OUTAGE (94RF)
CLASS 1 COMPLETED COMPONENTS

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3			2	4	5	6	7
SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N R R O E G E R C E P E O O Q C R M R	REMARKS		
<u>CS (REF. DWG. NO. 04-D4)</u>							
100010 HV-52-108-B 12" A.O. CHECK VALVE BOLTING 12 ,295,523	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X	NRI VT-1; EXAMINED IN-PLACE.		
<u>CS (REF. DWG. NO. 04-D1)</u>							
100020 HV-52-1F005-B 12" M.O. GATE VALVE BONNET BOLTING 11 ,295,523	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X	NRI VT-1; EXAMINED IN-PLACE.		
100060 CSA 001A 10" PIPE TO PIPE 11 ,303,400/300	B-J+ B9.11	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X	NRI PT, NRI UT-45		
100061 CSA 001A 10" PIPE TO PIPE 11 ,303,400/300	N/A* N/A	UT-45	UT-LIM-002V7 R1	X	NRI UT-45,		
100070 CSA 001ALD 10" PIPE SEAM 11 ,303,400/300	B-J B9.12	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X	NRI PT, NRI UT-45; EXAMINED 3" LSOS, TOTAL LENGTH OF PIPE IS 6" BETWEEN CIRC WELDS.		
100080 CSA 001ALU 10" PIPE SEAM 11 ,303,400/300	B-J B9.12	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X	NRI PT, NRI UT-45; EXAMINED 12" LSUS		
100470 CSA 015 12" FLUED HEAD (X-16A) TO VALVE HV-52-1F005, BIMETALIC 11 ,295,523	B-F B5.130	PT UT-45 UT-60 UT-45RL	LP-LIM-001V3 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0	X X X X X X X	NRI PT, BRD NRL UT-45, ISG NRL UT-60, ISG NRL UT-45RL; EXAMINATION COVERAGE LIMITED TO 77.67% DUE TO VALVE TO FLUED HEAD CONFIGURATION. FUTURE EXAMINATIONS MAY BE LIMITED TO REFRACTED L-WAVE DUE TO LIMITED SHEAR WAVE EXAMINATIONS.		

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE INSPECTION SUMMARY REPORT
 FIRST INTERVAL, THIRD PERIOD, FIRST OUTAGE (24RF)
 CLASS 1 COMPLETED COMPONENTS

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	M R P			REMARKS	
					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>CS (REF. DWG. NO. 04-04)</u>									
100010	HV-52-108-B 12" A.O. CHECK VALVE BOLTING 12 ,295,523	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X				NRI VT-1; EXAMINED IN-PLACE.
<u>CS (REF. DWG. NO. 04-01)</u>									
100020	HV-52-1F005-B 12" M.O. GATE VALVE BONNET BOLTING 11 ,295,523	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X				NRI VT-1; EXAMINED IN-PLACE.
100060	CSA 001A 10" PIPE TO PIPE 11 ,303,400/300	B-J+ B9.11	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X				NRI PT, NRI UT-45
100061	CSA 001A 10" PIPE TO PIPE 11 ,303,400/300	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X				NRI UT-45,
100070	CSA 001ALD 10" PIPE SEAM 11 ,303,400/300	B-J B9.12	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X				NRI PT, NRI UT-45; EXAMINED 3" LSDS, TOTAL LENGTH OF PIPE IS 6" BETWEEN CIRC WELDS.
100080	CSA 001ALU 10" PIPE SEAM 11 ,303,400/300	B-J B9.12	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X				NRI PT, NRI UT-45; EXAMINED 12" LSUS
100470	CSA 015 12" FLUED HEAD (X-16A) TO VALVE HV-52-1F005, BIMETALIC 11 ,295,523	B-F B5.130	PT UT-45 UT-60 UT-45RL	LP-LIM-001V3 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0	X X X X X X X				NRI PT, BRD NRL UT-45, ISG NRL UT-60, ISG NRL UT-45RL; EXAMINATION COVERAGE LIMITED TO 77.67% DUE TO VALVE TO FLUED HEAD CONFIGURATION. FUTURE EXAMINATIONS MAY BE LIMITED TO REFRACTED L-WAVE DUE TO LIMITED SHEAR WAVE EXAMINATIONS.

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE INSPECTION SUMMARY REPORT
 FIRST INTERVAL, THIRD PERIOD, FIRST OUTAGE (94RF)
 CLASS 1 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM ITEM NO	METHOD	PROCEDURE	N R R			REMARKS
						O	E	E	
						R C E P			
						E O O O			
						C R M R			
<u>CS (REF. DWG. NO. 04-101)</u>									
100510	DCA-320-H004 VARIABLE SUPPORT 11 ,303,400/308	F-A		VT-3	MAG-CG-407 REV1	X			NRI VT-3
100560	DLA-111-X-16A ANCHOR 11 ,295,523	F-A		VT-3	MAG-CG-407 REV1	X			NRI VT-3
<u>CS (REF. DWG. NO. 04-104)</u>									
101070	DLA-110-H005 MECHANICAL SNUBBER 12 ,295,400	F-A+		VT-3	MAG-CG-407 REV1	X			NRI VT-3
<u>FW (REF. DWG. NO. 05-01)</u>									
101280	41-1F010A-B 24" CHECK VALVE HINGE PIN COVER BOLTING 12 ,286,400/9	B-G-2		VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED 16 STUDS/NUTS WHEN REMOVED.
<u>FW (REF. DWG. NO. 05-03)</u>									
101290	41-1F010B-B 24" CHECK VALVE HINGE PIN COVER BOLTING 11 ,286,400/352	B-G-2		VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED 16 STUDS/NUTS WHEN REMOVED.
<u>FW (REF. DWG. NO. 05-01)</u>									
101300	HV-41-1F074A-B 24" A.O. CHECK VALVE HINGE PIN COVER BOLTING 12 ,279,518	B-G-2		VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED 16 STUDS/NUTS WHEN REMOVED.

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LIMERICK GENERATING STATION UNIT 1
 INSERVICE INSPECTION SUMMARY REPORT
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 CLASS 1 COMPLETED COMPONENTS

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N R R D E G E R C E P E O O O C R M R	REMARKS
<u>FW (REF. DWG. NO. 05-01)</u>						
102000	FWA 034 24" FLUED HEAD (X-9A) TO VALVE HV-41-1F074A 12 ,279,518	B-J+ B9.11	MT UT-45 UT-60	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X X	NRI MT, ISG NRL UT-45, ISG NRL UT-60; EXAMINATION COVERAGE LIMITED TO 97.59% DUE TO VALVE TO FLUED HEAD CONFIGURATION. UT-60 PERFORMED TO INCREASE EXAMINATION COVERAGE. COMPLETE PER CODE CASE N-460.
102001	FWA 034 24" FLUED HEAD (X-9A) TO VALVE HV-41-1F074A 12 ,279,518	N/A+ N/A	UT-45 UT-60	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X	REFERENCE SUMMARY NO. 102000 FOR EXAMINATION RESULTS.
<u>FW (REF. DWG. NO. 05-03)</u>						
102320	FWB 001 12" PIPE TO ELBOW 11 ,303,400/210	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1	X X	NRI MT, NRI UT-45
102340	FWB 002 12" ELBOW TO PIPE 11 ,303,400/210	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1	X X	NRI MT, NRI UT-45
102380	FWB 006 12" PIPE TO 12"X20" REDUCER 11 ,286,400/265	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X X X	NRI MT, RG UT-45
102470	FWB 014 20"X20"X12" TEE TO 20" PIPE 11 ,286,400/274 11 ,286,400/274	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X X	NRI MT, NRI UT-45; AXIAL UT SCAN FROM PIPE SIDE ONLY DUE TO TEE CONFIGURATION. CIRC SCAN COVERAGE OBTAINED BY BEAM OSCILLATION INTO WRV.
102520	FWB 018 12" ELBOW TO PIPE 11 ,303,400/330	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1	X X	NRI MT, NRI UT-45

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 CLASS 1 COMPLETED COMPONENTS

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM ITEM NO	METHOD	PROCEDURE	N R R			REMARKS
						O E G E	R C E P	E O O O	
						C R M R			
<u>FW (REF. DWG. NO. 05-03)</u>									
102530	FWB 019 12" PIPE TO PIPE 11 ,303,400/330	B-J	B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X X			NRI MT, NRI UT-45
102580	FWB 024 12" PIPE TO 24"X24"X12" TEE 11 ,286,400/315	B-J	B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X X			NRI MT, NRI UT-45; EXAMINED FROM PIPE SIDE ONLY DUE TO TEE CONFIGURATION.
102590	FWB 025 24"X24"X12" TEE TO 24" ELBOW 11 ,286,400/317	B-J	B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X X			NRI MT, NRI UT-45; EXAMINED FROM ELBOW SIDE ONLY DUE TO TEE CONFIGURATION.
102640	FWB 030 24" VALVE 41-1F010B TO FLUED HEAD (X-9B) 11 ,286,400/352	B-J+	B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X X			NRI MT, NRI UT-45; PERFORMED EXAMINATION FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.
102641	FWB 030 24" VALVE 41-1F010B TO FLUED HEAD (X-9B) 11 ,286,400/352	N/A+	N/A	UT-45	UT-LIM-002V7 R0	X			REFERENCE SUMMARY NO. 102640 FOR EXAMINATION RESULTS.
102650	FWB 031 24" FLUED HEAD (X-9B) TO VALVE HV-41-1F074B 11 ,279,518	B-J+	B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1	X X			NRI MT, NRI UT-45
102651	FWB 031 24" FLUED HEAD (X-9B) TO VALVE HV-41-1F074B 11 ,279,518	N/A+	N/A	UT-45	UT-LIM-002V7 R1	X			REFERENCE SUMMARY NO. 102650 FOR EXAMINATION RESULTS.

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N R R			REMARKS	
					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>FW (REF. DWG. NO. 05-01)</u>									
102880	41-1F010A 24" CHECK VALVE INTERNAL SURFACES 12 ,226,400/B	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>FW (REF. DWG. NO. 05-03)</u>									
102890	41-1F010B 24" CHECK VALVE INTERNAL SURFACES 11 ,286,400/352	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>FW (REF. DWG. NO. 05-01)</u>									
102920	HV-41-1F074A 24" CHECK VALVE INTERNAL SURFACES 12 ,279,518	B-M-2+ B12.50	VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>HPCI (REF. DWG. NO. 02-101)</u>									
102940	DBA-106-H001 VARIABLE SUPPORT 15 ,237,400/230	F-A F1.10	VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>HPCI (REF. DWG. NO. 02-01)</u>									
103430	HV-55-1F003 10" GLOBE VALVE INTERNAL SURFACES 15 ,217,309	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>MS (REF. DWG. NO. DBA-118-E2)</u>									
103540	DBA-118-E2-M-2-B FLANGE BOLTING 12 ,253,407	B-G-2 B7.50	VT-1	MAG-CG-407 REV0	X				NR1 VT-1; EXAMINED 4 STUDS AND 8 NUTS IN PLACE, UNDER TENSION.

DATE: 09/25/94
 REVISION: 0

LIMERICK GENERATING STATION UNIT 1
 INSERVICE INSPECTION SUMMARY REPORT
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<u>MS (REF. DWG. NO. 03-01)</u>						
103550 HV-41-1F022A-B 26" A.O. GLOBE VALVE BONNET BOLTING 12 ,253,400/B	B-G-2 B7.70	VT-1 MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
103560 HV-41-1F022B-B 26" A.O. GLOBE VALVE BONNET BOLTING 12 ,253,400/23	B-G-2 B7.70	VT-1 MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-04)</u>						
103570 HV-41-1F022C-B 26" A.O. GLOBE VALVE BONNET BOLTING 11 ,253,400/337	B-G-2 B7.70	VT-1 MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
103580 HV-41-1F022D-B 26" A.O. GLOBE VALVE BONNET BOLTING 11 ,253,400/352	B-G-2 B7.70	VT-1 MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
103620 HV-41-1F028D-B 26" A.O. GLOBE VALVE BONNET BOLTING 11 ,253,407	B-G-2 B7.70	VT-1 MAG-CG-407 REV1	X			REPOR VT-1; GOUGES REPORTED ON 3 STUDS. ASME BASELINE EXAMINATION OF REPLACEMENT STUDS. EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-02)</u>						
103630 PSV-41-1F013A-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,286,400/68	B-G-2 B7.70	VT-1 MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE

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<u>MS (REF. DWG. NO. 03-02)</u>						
103640 PSV-41-1F013A-B2 FLANGE BOLTING 12 ,286,400/68	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED WHEN REMOVED.
103650 PSV-41-1F013B-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,286,400/104	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED IN-PLACE.
103660 PSV-41-1F013B-B2 FLANGE BOLTING 12 ,286,400/104	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-04)</u>						
103670 PSV-41-1F013C-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,286,400/255	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED IN-PLACE.
103680 PSV-41-1F013C-B2 FLANGE BOLTING 11 ,286,400/255	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED WHEN REMOVED.
103690 PSV-41-1F013D-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,286,400/293	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED IN-PLACE.
103700 PSV-41-1F013D-B2 FLANGE BOLTING 11 ,286,400/293	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X		NRI VT-1; EXAMINED WHEN REMOVED.

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					D E C E	R C E P	E O O O	
					C	R	M	R
<u>MS (REF. DWG. NO. 03-02)</u>								
103710	PSV-41-1F013E-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,286,400/76	B-G-2 B7.70	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED IN-PLACE.
103720	PSV-41-1F013E-B2 FLANGE BOLTING 12 ,286,400/76	B-G-2 B7.50	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED WHEN REMOVED.
103730	PSV-41-1F013F-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,286,400/113	B-G-2 B7.70	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED IN-PLACE.
103740	PSV-41-1F013F-B2 FLANGE BOLTING 12 ,286,400/113	B-G-2 B7.50	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-04)</u>								
103750	PSV-41-1F013G-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,286,400/248	B-G-2 B7.70	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED IN-PLACE.
103760	PSV-41-1F013G-B2 FLANGE BOLTING 11 ,286,400/248	B-G-2 B7.50	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED WHEN REMOVED.
103770	PSV-41-1F013H-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,286,400/284	B-G-2 B7.70	VT-1	MAG-CG-407 REV1		X		NRI VT-1; EXAMINED IN-PLACE.

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					O E C E	R C E P	E O O O	
					C R M R			
<u>MS (REF. DWG. NO. 03-04)</u>								
103780	PSV-41-1F013H-B2 FLANGE BOLTING 11 ,286,400/284	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-02)</u>								
103790	PSV-41-1F013J-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,277,400/68	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE.
103800	PSV-41-1F013J-B2 FLANGE BOLTING 12 ,277,400/68	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
103810	PSV-41-1F013K-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,277,400/104	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE.
103820	PSV-41-1F013K-B2 FLANGE BOLTING 12 ,277,400/104	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-04)</u>								
103830	PSV-41-1F013L-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,277,400/256	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE.
103840	PSV-41-1F013L-B2 FLANGE BOLTING 11 ,277,400/256	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.

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					D E G	R C E P	E O O D	
		ITEM NO			C	R	M	R
<u>MS (REF. DWG. NO. 03-04)</u>								
103850	PSV-41-1F013M-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,277,400/293	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE.
103860	PSV-41-1F013M-B2 FLANGE BOLTING 11 ,277,400/293	B-G-2 B7.50	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-02)</u>								
103870	PSV-41-1F013N-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 12 ,277,400/113	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE.
103880	PSV-41-1F013N-B2 FLANGE BOLTING 12 ,277,400/113 12 ,277,400/113	B-G-2 B7.50	VT-1	MAG-CG-407 REV1		X		REPOR (GALLING/WEAR) 5 INLET STUDS AND 10 NUTS. ASME BASELINE EXAMINATION OF REPLACEMENT STUDS/NUTS. EXAMINED WHEN REMOVED.
<u>MS (REF. DWG. NO. 03-04)</u>								
103890	PSV-41-1F013S-B1 6"x10" RELIEF VALVE BONNET/2nd STAGE BONNET BOLTING 11 ,277,400/284	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED IN-PLACE.
103900	PSV-41-1F013S-B2 FLANGE BOLTING 11 ,277,400/284	B-G-2 B7.50	VT-1	MAG-CG-407 REV1		X		REPOR VT-1; EXAMINED WHEN REMOVED. EROSION AND GOUGES DETECTED ON PIPE SIDE OF INLET FLANGE.
<u>MS (REF. DWG. NO. 03-101)</u>								
103990	APE-1MS-HHA1 VARIABLE SUPPORT 12 ,303,400	F-A F1.10	VT-3	MAG-CG-407 REV1			X	REPOR VT-3; EXAMINED PER NCR'S 93-00060 AND 94-00091.

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			O E G E	R C E P	E O O O	
			C	R	M	R
<u>MS (REF. DWG. NO. 03-01)</u>						
104020 MSA 001 26" PIPE TO ELBOW 12 ,303,400/72	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1	X X		NRI MT, NRI UT-45
104030 MSA 002 26" ELBOW TO PIPE 12 ,303,400/72	B-J B9.11	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1	X X		NRI MT, NRI UT-45
104251 MSA 023R 26" FLUED HEAD (X-7A) TO VALVE HV-41-1F028A 12 ,253,407	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X		NRI UT-45; EXAMINED FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>MS (REF. DWG. NO. 03-101)</u>						
104360 APE-1MS-HHB1 VARIABLE SUPPORT 16 ,303,400	F-A F1.10	VT-3	MAG-CG-407 REV1	X		REPOR VT-3; EXAMINED PER NCR'S 93-0J060 AND 94-00091.
<u>MS (REF. DWG. NO. 03-01)</u>						
104631 MSB 022 26" PIPE (FE 1N052) TO ELBOW 12 ,253,400/30	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X		NRI UT-45
104641 MSB 023 26" ELBOW TO VALVE HV-41-1F022B 12 ,253,400/25	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X		NRI UT-45; EXAMINED FROM ELBOW SIDE ONLY DUE TO VALVE CONFIGURATION.
104651 MSB 024 26" VALVE HV-41-1F022B TO FLUED HEAD (X-7B) 12 ,253,400/21	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X		NRI UT-45; EXAMINED FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.

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						O E G E	R C E P	E O O O		
						C R M R				
<u>MS (REF. DWG. NO. 03-01)</u>										
104661	MSB 025 26" FLUED HEAD (X-7B) TO VALVE HV-41-1F02BB 12 ,253,407	N/A+		UT-45	UT-L1M-002V7 R1		X			NRI UT-45; EXAMINED FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>MS (REF. DWG. NO. 03-101)</u>										
104670	S1G-1MS-H026 RIGID RESTRAINT 12 ,253,400	F-A		VT-3	MAG-CG-407 REV1		X			NRI VT-3
<u>MS (REF. DWG. NO. 03-104)</u>										
104770	APE-1MS-HHC1 VARIABLE SUPPORT 15 ,303,400	F-A		VT-3	MAG-CG-407 REV1		X			REPOR VT-3; EXAMINED PER NCR'S 93-00060 AND 94-00091.
<u>MS (REF. DWG. NO. 03-04)</u>										
105001	MSC 020 26" PIPE TO ELBOW 11 ,253,400/330	N/A+		UT-45	UT-L1M-002V7 R1		X			NRI UT-45
105021	MSC 021 26" ELBOW TO VALVE HV-41-1F022C 11 ,253,400/335	N/A+		UT-45	UT-L1M-002V7 R1		X			NRI UT-45; EXAMINED FROM ELBOW SIDE ONLY DUE TO VALVE CONFIGURATION.
105031	MSC 022 26" VALVE HV-41-1F022C TO FLUED HEAD (X-7C) 11 ,253,400/339	N/A+		UT-45	UT-L1M-002V7 R1		X			NRI UT-45; EXAMINED FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.

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<u>MS (REF. DWG. NO. 03-04)</u>				
105041 MSC 023 26" FLUED HEAD (X-7C) TO VALVE HV-41-1F028C 11 ,253,407	N/A+ N/A	UT-45 UT-L1M-002V7 R1	X	NRI UT-45; EXAMINED FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>MS (REF. DWG. NO. 03-104)</u>				
105050 STG-1MS-H027 RIGID RESTRAINT 11 ,253,400	F-A F1.10	VT-3 MAG-CG-407 REV1	X	NRI VT-3
105140 APE-1MS-HHD1 VARIABLE SUPPORT 11 ,303,400	F-A F1.10	VT-3 MAG-CG-407 REV1	X	REPOR VT-3; EXAMINED PER NCR'S 93-00060 AND 94-00091.
<u>MS (REF. DWG. NO. 03-04)</u>				
105170 MSD 001 26" PIPE TO ELBOW 11 ,303,400/288	B-J B9.11	MT UT-45 MT-L1M-001V1 R0 UT-L1M-002V7 R1	X X	NRI MT, NRI UT-45
105180 MSD 002 26" ELBOW TO PIPE 11 ,303,400/288	B-J B9.11	MT UT-45 MT-L1M-001V1 R0 UT-L1M-002V7 R1	X X	NRI MT, NRI UT-45
105401 MSD 023 26" FLUED HEAD (X-7D) TO VALVE HV-41-1F028D 11 ,253,407	N/A+ N/A	UT-45 UT-L1M-002V7 R1	X	NRI UT-45; EXAMINED FROM FLUED HEAD SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>MS (REF. DWG. NO. 03-01)</u>				
106170 HV-41-1F022A 26" GLOBE VALVE INTERNAL SURFACES 12 ,253,400/8	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X	NRI VT-3

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>MS (REF. DWG. NO. 03-01)</u>									
106180	HV-41-1F022B 26" GLOBE VALVE INTERNAL SURFACES 12 ,253,400/23	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NRI VT-3
<u>MS (REF. DWG. NO. 03-04)</u>									
106190	HV-41-1F022C 26" GLOBE VALVE INTERNAL SURFACES 11 ,253,400/337	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NRI VT-3
106200	HV-41-1F022D 26" GLOBE VALVE INTERNAL SURFACES 11 ,253,400/352	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NRI VT-3
106240	HV-41-1F028D 26" GLOBE VALVE INTERNAL SURFACES 11 ,253,407	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NRI VT-3
<u>MS (REF. DWG. NO. 03-01)</u>									
106250	PSV-41-1F013A 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/68	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NRI VT-3
106260	PSV-41-1F013B 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/104	B-M-2 B12.50	VT-3	MAG-CG-407 REV1	X				NRI VT-3

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			O E G E	R C E P	E O O O	
<u>MS (REF. DWG. NO. 03-04)</u>						
106270 PSV-41-1F013C 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/255	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X			NRI VT-3
106280 PSV-41-1F013D 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/293	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X			NRI VT-3
<u>MS (REF. DWG. NO. 03-01)</u>						
106290 PSV-41-1F013E 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/76	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X			NRI VT-3
106300 PSV-41-1F013F 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,286,400/113	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X			NRI VT-3
<u>MS (REF. DWG. NO. 03-04)</u>						
106310 PSV-41-1F013G 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/248	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X			NRI VT-3
106320 PSV-41-1F013H 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,286,400/284	B-M-2 B12.50	VT-3 MAG-CG-407 REV1	X			NRI VT-3

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						O E G E	R C E P	E D O D		
						C	R	M	R	
<u>MS (REF. DWG. NO. 03-01)</u>										
106330	PSV-41-1'013J 6X10" REL'EF VALVE INTERNAL SURFACES 12 ,277,400/68	B-M-2 B12.50		VT-3	MAG-CG-407 REV1	X				NRI VT-3
106340	PSV-41-1F013K 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,277,400/104	B-M-2 B12.50		VT-3	MAG-CG-407 REV1	X				NRI VT-3
<u>MS (REF. DWG. NO. 03-04)</u>										
106350	PSV-41-1F013L 6X10" RELI'F VALVE INTERNAL SURFACES 11 ,277,400/256	B-M-2 B12.50		VT-3	MAG-CG-407 REV1	X				NRI VT-3
106360	PSV-41-1F013M 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,277,400/293	B-M-2 B12.50		VT-3	MAG-CG-407 REV1	X				NRI VT-3
<u>MS (REF. DWG. NO. 03-01)</u>										
106370	PSV-41-1F013N 6X10" RELIEF VALVE INTERNAL SURFACES 12 ,277,400/113	B-M-2 B12.50		VT-3	MAG-CG-407 REV1	X				NRI VT-3
<u>MS (REF. DWG. NO. 03-04)</u>										
106380	PSV-41-1F013S 6X10" RELIEF VALVE INTERNAL SURFACES 11 ,277,400/284	B-M-2 B12.50		VT-3	MAG-CG-407 REV1	X				NRI VT-3; REFERENCE SUMMARY NO. 103900 FOR REPORTABLE INDICATIONS DETECTED ON PIPE SIDE OF INLET FLANGE.

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<u>RCIC (REF. DWG. NO. 06-101)</u>						
106570	DBA-107-H017 MECHANICAL SNUBBER 16 ,253,400	F-A+ F1.10	VT-3	MAG-CG-401 REV1	X	NRI VT-3
106600	DBA-107-H020 RIGID RESTRAINT 16 ,237,400/140	F-A F1.10	VT-3	MAG-CG-407 REV1	X	NRI VT-3
<u>RCIC (REF. DWG. NO. 06-01)</u>						
106810	RC 012 4" PIPE TO FE 1N016, BIMETALLIC 16 ,253,400/118	B-F+ B5.130	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R0	X X	NRI PT, NRI UT-45; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
106811	RC 012 4" PIPE TO FE 1N016, BIMETALLIC 16 ,253,400/118	N/A+ N/A	UT-45	UT-LIM-002V7 R0	X	NRI UT-45; MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
106820	RC 013 4" FE 1N016 TO PIPE, BIMETALLIC 16 ,253,400/118	B-F+ B5.130	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R0	X X	NRI PT, NRI UT-45; PERFORMED MSIP 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
106821	RC 013 4" FE 1N016 TO PIPE, BIMETALLIC 16 ,253,400/118	N/A+ N/A	UT-45	UT-LIM-002V7 R0	X	NRI UT-45; MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
<u>RR (REF. DWG. NO. 07-02)</u>						
110800	RRB 035 12" PIPE TO ELBOW 12 ,277,400/90	B-J+ B9.11	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R0	X X	NRI PT, NRI UT-45

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					O	E	E	
					R C E P			
					E O O O			
					C R M R			
<u>RR (REF. DWG. NO. 07-02)</u>								
110801	RRB 035 12" PIPE TO ELBOW 12 ,277,400/90	N/A+ N/A	UT-45	UT-LIM-002V7 RO	X			REFERENCE SUMMARY NO. 110800 FOR EXAMINATION RESULTS.
110810	RRB 035LD MAX 12" ELBOW SEAM, MAXIMUM 12 ,277,400/90	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X			NRI PT, NRI UT-45; EXAMINED 12" LSDS
110820	RRB 035LD MIN 12" ELBOW SEAM, MINIMUM 12 ,277,400/90	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X			NRI PT, NRI UT-45; EXAMINED 8.75" LSDS. TOTAL LENGTH OF ELBOW MIN. RADIUS IS 17.5" BETWEEN CIRC WELDS.
110830	RRB 035LU 12" PIPE SEAM 12 ,277,400/90	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X			NRI PT, NRI UT-45; EXAMINED 12" LSUS.
110840	RRB 036 12" ELBOW TO PIPE 12 ,277,400/90	B-J+ B9.11	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X			NRI PT, NRI UT-45
110841	RRB 036 12" ELBOW TO PIPE 12 ,277,400/90	N/A+ N/A	UT-45	UT-LIM-002V7 RO	X			REFERENCE SUMMARY NO. 110840 FOR EXAMINATION RESULTS.
110850	RRB 036LD 12" PIPE SEAM 12 ,277,400/90	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X			NRI PT, NRI UT-45; EXAMINED 12" LSDS.
110860	RRB 036LU MAX 12" ELBOW SEAM, MAXIMUM 12 ,277,400/90	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X			NRI PT, NRI UT-45; EXAMINED 12" LSUS.

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<u>RR (REF. DWG. NO. 07-02)</u>						
110870 RRB 036LU MIN 12" ELBOW SEAM, MINIMUM 12 ,277,400/90	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X		NRI PT, NRI UT-45; EXAMINED 8.75" LSUS. TOTAL LENGTH OF ELBOW MIN. RADIUS IS 17.5" BETWEEN CIRC WELDS.
111080 RRB 045 12" ELBOW TO PIPE 16 ,277,400/150	B-J+ B9.11	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X		NRI PT, NRI UT-45
111081 RRB 045 12" ELBOW TO PIPE 16 ,277,400/150	N/A+ N/A	UT-45	UT-LIM-002V7 RO	X		REFERENCE SUMMARY NO. 111080 FOR EXAMINATION RESULTS.
111090 RRB 045LD 12" PIPE SEAM 16 ,277,400/150	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X		NRI PT, NRI UT-45; EXAMINED 12" LSDS.
111100 RRB 045LU MAX 12" ELBOW SEAM MAXIMUM 16 ,277,400/150	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X		NRI PT, NRI UT-45; EXAMINED 12" LSUS.
111110 RRB 045LU MIN 12" ELBOW SEAM, MINIMUM 16 ,277,400/150	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X		NRI PT, NRI UT-45; EXAMINED 8.75" LSUS. TOTAL LENGTH OF ELBOW MIN. RADIUS IS 17.5" BETWEEN CIRC WELDS.
<u>RR (REF. DWG. NO. 07-104)</u>						
111230 DCA-185-E1-H001 VARIABLE SUPPORT 16 ,237,400/142	F-A F1.10	VT-3	MAG-CG-407 REV1	X		NRI VT-3; RE-INSPECTED AFTER MOD 6140-1 WORK ON ADJACENT SUPPORTS WAS COMPLT.
<u>RR (REF. DWG. NO. 07-102)</u>						
111620 VRR-1RD-HHB2 (1A) PIPE SUPPORT, 4 LUGS 12 ,253,400/90	B-K-1 B10.10	PT	LP-LIM-001V3 RO	X		NRI PT; ASME CODE COVERAGE LIMITED TO 73.77% DUE TO RISER CLAMP ON PIPE.

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						O E G E	R C E P	E O O O		
						C R M R				
<u>RR (REF. DWG. NO. 07-102)</u>										
111710	VRR-1RS-HHB1 (1A) PIPE SUPPORT, 4 LUGS 16 ,253,400/180	B-K-1		PT	LP-LIM-001V3 RO	X				NR1 PT; ASME CODE COVERAGE LIMITED TO 89.87% DUE TO RISER CLAMP ON PIPE.
<u>RWCU (REF. DWG. NO. 08-101)</u>										
112380	DBA-112-H004 MECHANICAL SNUBBER 12 ,277,400	F-A+		VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>RWCU (REF. DWG. NO. 08-102)</u>										
112640	DCA-101-H014 MECHANICAL SNUBBER 15 ,295,400	F-A+		VT-3	MAG-CG-407 REV1	X				NR1 VT-3
112650	DCA-101-H015 MECHANICAL SNUBBER 15 ,295,400	F-A+		VT-3	MAG-CG-407 REV1	X				NR1 VT-3
<u>RWCU (REF. DWG. NO. 08-104)</u>										
112830	DCA-101-H058 MECHANICAL SNUBBER 15 ,253,400	F-A+		VT-3	MAG-CG-407 REV1	X				NR1 VT-3
112840	DCA-101-H059 MECHANICAL SNUBBER 15 ,253,400	F-A+		VT-3	MAG-CG-407 REV1	X				NR1 VT-3
112890	DCA-101-H064 MECHANICAL SNUBBER 15 ,237,400	F-A+		VT-3	MAG-CG-407 REV1	X				NR1 VT-3

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<u>RWCU (REF. DWG. NO. 08-02)</u>						
113410	RW 017 6" VALVE HV-44-1F001 TO PIPE 15 ,295,400/261 15 ,295,400/261	B-J+ B9.11	PT UT-45 UT-45RL	LP-LIM-001V3 RO UT-LIM-002V7 RO UT-LIM-002V7 RO	X X X	NRI PT, NRI UT-45, NRI UT-45RL; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. SUPPLEMENTED EXAM WITH UT-45RL TO ASSURE COVERAGE ON VALVE SIDE. ASME CODE COVERAGE 93.88%:COMPLETE PER CODE CASE N-460.
113411	RW 017 6" VALVE HV-44-1F001 TO PIPE 15 ,295,400/261 15 ,295,400/261	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 RO UT-LIM-002V7 RO	X X	NRI UT-45, NRI UT-45RL; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. SUPPLEMENTED EXAM WITH UT-45RL TO ASSURE COVERAGE ON VALVE SIDE.
113412	RW 017 6" VALVE HV-44-1F001 TO PIPE	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 RO UT-LIM-002V7 RO	X X	NRI UT-45, NRI UT-45RL; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. SUPPLEMENTED EXAM WITH UT-45RL TO ASSURE COVERAGE ON VALVE SIDE.
113421	RW 018 6" PIPE TO FLUED HEAD (X-14) 15 ,295,400/262	N/A+ N/A	UT-45	UT-LIM-002V7 RO	X	NRI UT-45
<u>RHR (REF. DWG. NO. 01-04)</u>						
114860	HV-51-1F050B-B 12" A.O. CHECK VALVE BONNET/HINGE PIN COVER BOLTING 16 ,253,400/90	B-G-2 B7.70	VT-1	MAG-CG-407 REV1	X	NRI VT-1; EXAMINED STUDS/NUTS WHEN REMOVED.
<u>RHR (REF. DWG. NO. 01-101)</u>						
115430	DCA-104-H007 VARIABLE SUPPORT 15 ,237,400	F-A F1.10	VT-3	MAG-CG-407 REV1	X	NRI VT-3

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<u>RHR (REF. DWG. NO. 01-101)</u>								
115630	DLA-112-H013 RIGID RESTRAINT 15 ,277,400/257	F-A		VT-3	MAG-CG-407 REV1	X		NRI VT-3
<u>RHR (REF. DWG. NO. 01-01)</u>								
116070	RHA 079 12" VALVE HV-51-1F050A TO PIPE 15 ,253,400/270 15 ,253,400/270	B-J		PT UT-45 UT-45RL	LP-LIM-001V3 RO UT-LIM-002V7 RO UT-LIM-002V7 RO	X X X		NRI PT, NRI UT-45, NRI UT-45RL; LIMITED EXAMINATION DUE TO VALVE CONFIGURATION. UT-45RL USED TO ASSURE COVERAGE. ASME CODE COVERAGE LIMITED TO 90.71%:COMPLETE PER CODE CASE N-460.
116080	RHA 079A 12" PIPE TO PIPE 15 ,253,400/270	B-J		PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X		NRI PT, NRI UT-45
116090	RHA 080 12" PIPE TO ELBOW 15 ,253,400/270	B-J		PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X X		NRI PT, RG UT-45
<u>RHR (REF. DWG. NO. 01-104)</u>								
116440	DCA-104-H001 VARIABLE SUPPORT 16 ,237,400	F-A		VT-3	MAG-CG-401 REV1	X		NRI VT-3
<u>RHR (REF. DWG. NO. 01-04)</u>								
116980	RHB 013 FLUED HEAD (X-45B) TO VALVE HV-51-1F017B, BIMETALIC 12 ,283,599	B-F		PT UT-45 UT-45RL UT-60	LP-LIM-001V3 RO UT-LIM-002V7 RO UT-LIM-002V7 RO UT-LIM-002V7 RO	X X X X X X		NRI PT, NRI UT-45, ISG UT-45RL & UT-60; EXAMINATION LIMITED DUE TO FLUED HEAD TO VALVE CONFIGURATION. UT-45 & 60 SHEAR EXAMS DID NOT INCREASE COVERAGE. FUTURE EXAMS MAY BE LIMITED TO UT-45RL. ASME CODE COVERAGE LIMITED TO 79.55%.

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<u>RHR (REF. DWG. NO. 01-109A)</u>						
117680	DLA-112-X-45D ANCHOR 16 ,283,599	F-A	VT-3	MAG-CG-407 REV1	X	NRI VT-3
<u>RHR (REF. DWG. NO. 01-09A)</u>						
117990	RHD 013 12" FLUED HEAD (X-45D) TO VALVE HV-51-1F017D, BIMETALIC 16 ,283,599	B-F	PT UT-45 UT-45RL UT-60	LP-LIM-001V3 RO UT-LIM-002V7 RO UT-LIM-002V7 RO UT-LIM-002V7 RO	X X X X X X	NRI PT, NRI UT-45, ISG UT-45RL & UT-60; EXAMINATION COVERAGE LIMITED DUE TO FLUED HEAD TO VALVE CONFIGURATION. UT-45 & UT-60 DID NOT PROVIDE ANY ADDITIONAL COVERAGE. FUTURE EXAMS MAY BE LIMITED TO UT-45RL. ASME CODE COVERAGE LIMITED TO 79.55%.
<u>RHR (REF. DWG. NO. 01-111)</u>						
118030	DCA-105-H004 VARIABLE SUPPORT 15 ,237,400/180	F-A	VT-3	MAG-CG-407 REV1	X	NRI VT-3
<u>RHR (REF. DWG. NO. 01-04)</u>						
118990	HV-51-1F050B 12" CHECK VALVE INTERNAL SURFACES 16 ,253,400/90	B-M-2	VT-3	MAG-CG-407 REV1	X	NRI VT-3
<u>SLC (REF. DWG. NO. 11-102)</u>						
119250	DCA-112-E2-H006 RIGID RESTRAINT 16 ,286,400	F-A	VT-3	MAG-CG-407 REV1	X	NRI VT-3
<u>SLC (REF. DWG. NO. 11-103)</u>						
119390	DCA-112-E3-H006 VARIABLE SUPPORT 12 ,305,400/65	F-A	VT-3	MAG-CG-407 REV1	X	NRI VT-3

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<u>SLC (REF. DWG. NO. 11-103)</u>								
119430	DCA-112-E3-H010 RIGID RESTRAINT 16 ,295,400/120	F-A F1.10	VT-3	MAG-CG-407 REV1	X			NRI VT-3
<u>SLC (REF. DWG. NO. 11-01)</u>								
119520	SC 002A 2" PIPE TO COUPLING 15 ,253,400/216	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT
119530	SC 003 2" PIPE TO COUPLING 15 ,253,400/216	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT
119540	SC 003A 2" PIPE TO COUPLING 15 ,253,400/212	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT
119550	SC 003B 2" PIPE TO COUPLING 15 ,253,400/212	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT
119630	SC 009 2" PIPE TO COUPLING 15 ,253,400/208	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT
119640	SC 009A 2" PIPE TO COUPLING 15 ,253,400/208	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT
119650	SC 010 2" PIPE TO 2" TEE 15 ,253,400/208	B-J B9.40	PT	LP-LIM-001V3 R0	X			NRI PT

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		SEC. XI			O	E	G	E	
		CATGY	EXAM			R	C	E	P
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	R	M	R	
						E	O	O	
						C	R	M	R
<u>CS (REF. DWG. NO. 04-02)</u>									
228730	CSA 016B 12" VALVE HV-1F005 TO PIPE 11 ,295,523	C-F-2 CS.51	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X	X			NRL MT, ISG UT-45; RE-EXAMINATION WITH MT DETERMINED THE INDICATION TO BE NON-RELEVANT PERMEABILITY CHANGE.
228750	CSA 017 12" PIPE TO ELBOW 11 ,295,523	C-F-2 CS.51	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X		X	X	NRI MT, ISG UT-45
<u>CS (REF. DWG. NO. 04-03)</u>									
229120	CSA 045 12" PIPE TO 12"x10" REDUCING ELBOW 11 ,177,110	C-F-2 CS.51	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X		X	X	NRI MT, RG UT-45
229170	CSA 050 16" FLANGE TO ELBOW 11 ,177,110	C-F-2 CS.51	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X		X		NRI MT, NRI UT-45; EXAMINED FROM ELBOW SIDE ONLY DUE TO FLANGE CONFIGURATION.
229210	CSA 054 16"x16"x14" TEE TO 16" PIPE 11 ,177,110	C-F-2 CS.51	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X		X	X	NRI MT, RG UT-45
229530	CSA 082 16"x16"x14" TEE TO 16" PIPE 11 ,177,113	C-F-2 CS.51	MT UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0	X		X		NRI MT, NRI UT-45
<u>CS (REF. DWG. NO. 04-102)</u>									
229800	EBB-132-H002 RIGID RESTRAINT 11 ,295,523	F-A F1.20	VT-3	MAG-CG-407 REV1	X				NRI VT-3

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						O	E	G		E	
						E	O	O			
						C	R	M	R		
<u>CS (REF. DWG. NO. 04-102)</u>											
229920	GBB-113-H011 RIGID RESTRAINT 11 ,295,523	F-A		VT-3	MAG-CG-407 REV1	X				NRI VT-3	
230100	GBB-113-H051 RIGID RESTRAINT 11 ,201,200	F-A		VT-3	MAG-CG-407 REV1	X				NRI VT-3	
<u>CS (REF. DWG. NO. 04-103)</u>											
230190	HBB-120-H002 VARIABLE SUPPORT 11 ,177,110	F-A		VT-3	MAG-CG-407 REV1	X				NRI VT-3	
<u>CS (REF. DWG. NO. 04-05)</u>											
230380	CSB 016A 12" PIPE TO PIPE, BIMETALLIC 12 ,295,523	C-F-1		PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 RO	X X				NRI PT, NRI UT-45	
<u>CS (REF. DWG. NO. 04-105)</u>											
231560	EBB-131-H003 MECHANICAL SNUBBER 12 ,295,523	F-A+		VT-3	MAG-CG-407 REV1	X				NRI VT-3	
231570	EBB-131-H004 MECHANICAL SNUBBER 12 ,295,523	F-A+		VT-3	MAG-CG-407 REV1	X				NRI VT-3	
232300	GBB-112-H037 (1A) PIPE SUPPORT, 4 LUGS 12 ,283,506	C-C		MT	MT-LIM-001V1 RO	X				NRI MT; ASME CODE COVERAGE LIMITED TO 91.7% DUE TO PIPE CLAMP; COMPLETE PER CODE CASE N-460.	

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					O	E	G	
					R	C	E	P
					E	D	O	D
					C	R	M	R
<u>FW (REF. DWG. NO. 05-02)</u>								
233371	FWA 037 24"x24"x16" TEE TO 24" VALVE HV-1F032A 12 ,279,518	N/A+	UT-45 UT-60	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X	X		1SG UT-45 & UT-60; CONFIGURATION LIMITS EXAMS FROM BOTH THE VALVE AND TEE SIDES.
233381	FWA 038 24"x24"x16" TEE TO 16" ELBOW 12 ,279,518	N/A+	UT-45	UT-LIM-002V7 R1	X	X		RG UT-45; EXAMINATION PERFORMED FROM ELBOW SIDE ONLY DUE TO TEE CONFIGURATION.
233391	FWA 039 16" ELBOW TO ELBOW 12 ,279,518	N/A+	UT-45	UT-LIM-002V7 R0	X	X		RG UT-45
233401	FWA 040 16" ELBOW TO PIPE 12 ,279,518	N/A+	UT-45	UT-LIM-002V7 R1	X	X		1SG UT-45
233411	FWA 041 16" PIPE TO VALVE HV-109A 12 ,279,518	N/A+	UT-45	UT-LIM-002V7 R1	X	X		RG UT-45; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>FW (REF. DWG. NO. 05-104)</u>								
233550	DBB-104-H004 RIGID RESTRAINT 11 ,279,518	F-A F1.20	VT-3	MAG-CG-407 REV1	X			NR1 VT-3
<u>FW (REF. DWG. NO. 05-04)</u>								
233561	FWA 032 24" VALVE HV-1F074B TO PIPE 11 ,279,518 11 ,279,518	N/A+	UT-45	UT-LIM-002V7 R1	X	X		RG UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. COMPLETE COVERAGE ON VALVE SIDE BY BEAM OSCILATION.

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					D E G E	R C E P	E O O O		
					C	R	M	R	
<u>FW (REF. DWG. NO. 05-04)</u>									
233571	FWB 033 24" PIPE TO 24"x6" SWEEPolet 11 ,279,518	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X				NRI UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO SWEEPolet CONFIGURATION.
233581	FWB 034 24" PIPE TO TEE 11 ,279,518	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X				NRI UT-45
233591	FWB 035 24"x24"x16" TEE TO 24" VALVE HV-1F032B 11 ,279,518	N/A+ N/A	UT-45 UT-60	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X	X X			RG ISG UT-45 & UT-60; EXAMINATION LIMITED ON VALVE AND TEE SIDE DUE TO CONFIGURATION.
233601	FWB 036 16" TEE TO ELBOW 11 ,279,518	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X				NRI UT-45; EXAMINED FROM ELBOW SIDE ONLY DUE TO TEE CONFIGURATION.
233611	FWB 037 16" ELBOW TO ELBOW 11 ,279,518	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X X				RG, ISG UT-45
233621	FWB 038 16" ELBOW TO PIPE 11 ,279,518	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X X				RG UT-45
233631	FWB 039 16" PIPE TO VALVE HV-109B 11 ,279,518 11 ,279,518	N/A+ N/A	UT-45 UT-60	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X				RG UT-45 & UT-60; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. EXAMINATION LIMITED TO 92.9% DUE TO WELD CROWN TRANSITION AT TOE OF WELD. COMPLETE PER CODE CASE N-460.
<u>HPCI (REF. DWG. NO. 02-101A)</u>									
234025	EBB-108-1-W2101 RIGID RESTRAINT 15 ,217,309	F-A F1.20	VT-1 MT	MAG-CG-401 REV1 MAG-CG-403 REV1	X X				NRI VT-1, NRI MT; PERFORMED VT-1 AND MT ON FINAL WELD IN LIEU OF VT-3. ASME BASELINE EXAMINATION PER MCC 6240-1.

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					E	D	O	
		ITEM NO			C	R	M	
<u>HPCI (REF. DWG. NO. 02-01A)</u>								
234721	EBB-108-1 W2103 12" PIPE TO 12" PIPE 15 ,217,309	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X			NRI MT, NRI UT-0, NRI UT-45; BASELINE EXAMINATION 1R05 PER MOD 6240-1.
234731	EBB-108-1 W2104 12" PIPE TO 12" PIPE 15 ,217,309	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X			NRI MT, NRI UT-0, RG & ISG UT-45; BASELINE EXAMINATION 1R05 PER MOD 6240-1.
<u>HPCI (REF. DWG. NO. 02-107)</u>								
236470	EBB-129-H903 (1A) PIPE SUPPORT, ANCH SLEEV 12 ,279,506	C-C C3.20	MT	NDE-3	REV4	X		NRI MT
<u>MS (REF. DWG. NO. 03-103)</u>								
237980	EBB-103-H021 RIGID RESTRAINT 12 ,253,407	F-A F1.20	VT-3	MAG-CG-407	REV1	X		NRI VT-3
237990	EBB-103-H022 RIGID RESTRAINT 12 ,253,407	F-A F1.20	VT-3	MAG-CG-407	REV1	X		NRI VT-3
238600	EBB-104-H018 RIGID RESTRAINT 12 ,253,407	F-A F1.20	VT-3	MAG-CG-407	REV1	X		NRI VT-3
238630	EBB-104-H021 RIGID RESTRAINT 12 ,253,407	F-A F1.20	VT-3	MAG-CG-407	REV1	X		NRI VT-3

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					O	E	G	
					R C E P			
					E O O D			
					C R M R			
<u>MS (REF. DWG. NO. 03-05)</u>								
240051	MSD 024 26" VALVE HV-1F0280 TO PIPE 11 ,253,407	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X			NRI UT-45; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION.
240061	MSD 024A 26" PIPE TO PIPE 11 ,253,407	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X			NRI UT-45
240071	MSD 025 26" PIPE TO ELBOW 11 ,253,407 11 ,253,407	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X			LI UT-0, RG UT-45; RADIOGRAPHY SCHEDULED DUE TO LAMINAR TYPE INDICATIONS IN ELBOW BASEMETAL WAS NOT PERFORMED. ULTRASONICS WAS PERFORMED AS AN ALTERNATE USING CAL BLOCK LIM-26-.928-CS. UT WILL BE SCHEDULED FOR THIS WELD FOR FUTURE EXAMINATIONS.
240081	MSD 025LD MAX 26" ELBOW SEAM, MAXIMUM 11 ,253,407	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X			NRI UT-0, NRI UT-45; EXAMINED 3.5" LSDS. IBID REMARKS FOR WELD MSD 025 REGARDING THE USE OF ULTRASONICS.
240091	MSD 025LD MIN 26" ELBOW SEAM, MINIMUM 11 ,253,407	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X			NRI UT-0, NRI UT-45; EXAMINED 3.5" LSDS. IBID REMARKS FOR WELD MSD 025 REGARDING THE USE OF ULTRASONICS.
<u>RCIC (REF. DWG. NO. XI-10P-203)</u>								
241730	RC-P-SWD1 OUTLET NOZZLE TO CASING WELD 15 ,177,108	C-G C6.10	MT	NDE-3	REV4	X		NRI MT
241740	RC-P-SWS1 INLET NOZZLE TO CASING WELD 15 ,177,108	C-G C6.10	PT	NDE-2	REV3	X		NRI PT

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>RCIC (REF. DWG. NO. XI-10P-203)</u>									
241760	10P-203A RCIC PUMP SUPPORT ASSEMBLY 15 ,177,108	F-A F1.40	VT-3	NDE-7	REV2	X			NRI VT-3
<u>RCIC (REF. DWG. NO. 06-103)</u>									
242130	EBB-126-H002 RIGID RESTRAINT 15 ,201,200	F-A F1.20	VT-3	NDE-7	REV2	X			NRI VT-3
242180	EBB-135-H003 RIGID RESTRAINT 11 ,217,304	F-A F1.20	VT-3	NDE-7	REV2	X			NRI VT-3
242290	EBB-135-H016 RIGID RESTRAINT 11 ,217,304	F-A F1.20	VT-3	NDE-7	REV2	X			NRI VT-3
<u>RCIC (REF. DWG. NO. 06-03)</u>									
243640	RC 099 6" PIPE TO PUMP 10P203 15 ,177,108 15 ,177,108	C-F-2 C5.51	MT UT-45	NDE-3 UT-PE-002 FRR LIM-07 FRR LIM-32	REV4 REV7	X X			NRI MT, NRI UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO PUMP CONFIGURATION.
<u>RCIC (REF. DWG. NO. 06-103)</u>									
243940	EBB-135-H002 (1A) PIPE SUPPORT, 4 LUGS 11 ,217,304	C-C C3.20	PT	NDE-2	REV3	X			NRI PT
243950	EBB-135-H025 (1A) PIPE SUPPORT, 8 LUGS 12 ,279,518	C-C C3.20	MT	MT-LIM-001V1 RO		X			NRI MT; EXAMINATION COVERAGE LIMITED TO 98.2% DUE TO PIPE CLAMP. COMPLETE PER CODE CASE N-460.

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<u>RVCU (REF. DWG. NO. 08-02)</u>						
244640	, + 020 6" VALVE HV-1F004 TO 6" PIPE 11 ,297,510 11 ,297,510	C-F-1+ C5.11	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X	NRI PT, NRI UT-45; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. COVERAGE ON VALVE SIDE ACHIEVED BY BEAM OSCILLATION. MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
244642	RW 020 6" VALVE HV-1F004 TO 6" PIPE 11 ,297,510 11 ,297,510	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X	NRI UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. COVERAGE ON VALVE SIDE ACHIEVED BY BEAM OSCILLATION. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
244650	RW 021 6" PIPE TO VALVE HV-1F040 11 ,297,510 11 ,297,510	C-F-1+ C5.11	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X	NRI PT, NRI UT-45; EXAMINED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. COVERAGE ON VALVE SIDE ACHIEVED BY BEAM OSCILLATION. MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
244652	RW 021 6" PIPE TO VALVE HV-1F040 11 ,297,510 11 ,297,510	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X	NRI UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. COVERAGE ON VALVE SIDE ACHIEVED BY BEAM OSCILLATION. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
<u>RHR (REF. DWG. NO. X1-1E-205)</u>						
244731	RHR-HXAR-1 HEAD TO SHELL 3 WELD 15 ,201,203 15 ,201,203	C-A C1.20	UT-0 UT-45	UT-LIM-011V0 R0 UT-LIM-011V0 R0	X X	NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 3 DETECTED AT LOCATION 92.25" TO 93.25" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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					O	E	E		
					R	C	E	P	
					E	O	O	O	
					C	R	M	R	
<u>RHR (REF. DWG. NO. X1-1E-205)</u>									
244741	RHR-HXAR-2 SHELL 3 TO SHELL 2 WELD 15 ,201,203 15 ,201,203	C-A C1.10	UT-0 UT-45	UT-LIM-011V0 RO UT-LIM-011V0 RO	X X				NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 3 DETECTED AT LOCATION 91.9" TO 93.2" CW. VERT SEAM IN SHELL RING 2 DETECTED AT LOCATION 78.6" TO 80.25" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244751	RHR-HXAR-3 SHELL 2 TO SHELL 1 WELD 15 ,177,102 15 ,177,102	C-A C1.10	UT-0 UT-45	UT-LIM-011V0 RO UT-LIM-011V0 RO	X X				NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 2 DETECTED AT LOCATION 78.6" TO 80.25" CW. VERT SEAM IN SHELL RING 1 DETECTED AT LOCATION 91.8" TO 93.5" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244761	RHR-HXAR-4 SHELL 1 TO FLANGE WELD 15 ,177,102 15 ,177,102	C-A C1.10	UT-0 UT-45	UT-LIM-011V0 RO UT-LIM-011V0 RO	X X				NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 1 DETECTED AT LOCATION 93.0" TO 94.6" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244771	RHR-HXAR-N3 NOZZLE TO HEAD WELD 15 ,201,203 15 ,201,203	C-B C2.21	MT UT-0 UT-45	MT-LIM-001V1 RO UT-LIM-011V0 RO UT-LIM-011V0 RO	X X X				NRI MT, NRI UT-0, NRI UT-45; EXAMINED FROM VESSEL HEAD SIDE ONLY DUE TO NOZZLE CONFIGURATION. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244781	RHR-HXAR-N3IR NOZZLE N3 INNER RADIUS 15 ,201,203 15 ,201,203	C-B C2.22	UT-45	UT-LIM-310V0 RO	X X				ISG UT-45; IMPINGEMENT PLATE LEGS DETECTED WELDED TO THE INNER RADIUS. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244791	RHR-HXAR-N4 NOZZLE TO SHELL 1 WELD 15 ,177,102 15 ,177,102	C-B C2.21	MT UT-0 UT-45	MT-LIM-001V1 RO UT-LIM-011V0 RO UT-LIM-011V0 RO	X X X				NRI MT, NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 1 DETECTED AT NOZZLE LOCATIONS 5.7" TO 7.4" CW FROM 0 DEG AND 5.5" TO 7.0" CCW FROM 180 DEG. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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			O E G E	R C E P	E O O O	
			C R M R			
<u>RHR (REF. DWG. NO. XI-1E-205)</u>						
244801 RHR-HXAR-N4IR NOZZLE N4 INNER RADIUS 15 ,177,102	C-B C2.22	UT-45 UT-LIM-310V0 R0	X			NRI UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
<u>RHR (REF. DWG. NO. XI-1P-202)</u>						
244810 RHA-P-A INLET FLANGE TO NOZZLE WELD 15 ,177,102	C-G C6.10	PT LP-LIM-001V3 R0	X			NRI PT
244860 RHA-P-F FLANGE TO OUTLET ELBOW WELD 15 ,177,102	C-G C6.10	MT MT-LIM-001V1 R0	X			NRI MT
<u>RHR (REF. DWG. NO. XI-1E-205)</u>						
244881 RHR-HXBR-1 HEAD TO SHELL 3 WELD 16 ,201,204 16 ,201,204	C-A C1.20	UT-0 UT-45 UT-LIM-011V0 R0 UT-LIM-011V0 R0	X X X			NRI UT-0, 1SG UT-45; VERT SEAM IN SHELL RING 3 DETECTED AT LOCATION 91.6" TO 92.75" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244891 RHR-HXBR-2 SHELL 3 TO SHELL 2 WELD 16 ,201,204 16 ,201,204	C-A C1.10	UT-0 UT-45 UT-LIM-011V0 R0 UT-LIM-011V0 R0	X X			NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 3 DETECTED AT LOCATION 5.25" TO 6.25" CCW FROM 180 DEG. VERT SEAM IN SHELL RING 2 DETECTED AT LOCATION 7.25" TO 9.5" CW FROM 180 DEG. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244901 RHR-HXBR-3 SHELL 2 TO SHELL 1 WELD 16 ,177,103 16 ,177,103	C-A C1.10	UT-0 UT-45 UT-LIM-011V0 R0 UT-LIM-011V0 R0	X X			NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 2 DETECTED AT LOCATION 121.6" TO 123.1" CW. VERT SEAM IN SHELL RING 1 DETECTED AT LOCATION 135.25" TO 136.75" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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					O	D	E	
		ITEM NO			C	R	M	
<u>RHR (REF. DWG. NO. XI-1E-205)</u>								
244911	RHR-HXBR-4 SHELL 1 TO FLANGE WELD 16 ,177,103 16 ,177,103	C-A C1.10	UT-0 UT-45	UT-LIM-011V0 RO UT-LIM-011V0 RO	X X			NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 1 DETECTED AT LOCATION 92.4" TO 93.75" CW. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244921	RHR-HXBR-N3 NOZZLE TO HEAD WELD 16 ,201,204 16 ,201,204	C-B C2.21	MT UT-0 UT-45	MT-LIM-001V1 RO UT-LIM-011V0 RO UT-LIM-011V0 RO	X X X			NRI MT, NRI UT-0, NRI UT-45; EXAMINED FROM VESSEL HEAD SIDE ONLY DUE TO NOZZLE CONFIGURATION. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244931	RHR-HXBR-N31R NOZZLE N3 INNER RADIUS 16 ,201,204 16 ,201,204	C-B C2.22	UT-45	UT-LIM-310V0 RO	X	X		ISG UT-45; IMPINGEMENT PLATE LEGS DETECTED WELDED TO TH INNER RADIUS. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244941	RHR-HXBR-N4 NOZZLE TO SHELL 1 WELD 16 ,177,103 16 ,177,103	C-B C2.21	MT UT-0 UT-45	MT-LIM-001V1 RO UT-LIM-011V0 RO UT-LIM-011V0 RO	X X X			NRI MT, NRI UT-0, NRI UT-45; VERT SEAM IN SHELL RING 1 DETECTED AT NOZZLE LOCATIONS 625" TO 7.75" CW FROM 0 DEG AND 7.0" TO 8.5" CCW FROM 180 DEG. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
244951	RHR-HXBR-N41R NOZZLE N4 INNER RADIUS 16 ,177,103	C-B C2.22	UT-45	UT-LIM-310V0 RO	X			NRI UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
<u>RHR (REF. DWG. NO. XI-1P-202)</u>								
245000	RHB-P-E ELBOW TO OUTLET ELBOW WELD 16 ,177,103	C-G C6.10	MT	MT-LIM-001V1 RO	X			NRI MT
245010	RHB-P-F FLANGE TO OUTLET ELBOW WELD 16 ,177,103	C-G C6.10	MT	MT-LIM-001V1 RO	X			NRI MT

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					O E G	R C E	P O O	
ITEM NO					C	R	M	R
<u>RHR (REF. DWG. NO. X1-1P-202)</u>								
245020	RHB-P-G STUFFING BOX TO OUTLET ELBOW WELD 16 ,177,103	C-G C6.10	MT	MT-LIM-001V1 R0	X			NRI MT
<u>RHR (REF. DWG. NO. 01-13)</u>								
245410	RH 034 20" ELBOW TO PIPE 16 ,177,103 16 ,177,103	C-F-2 C5.51	MT UT-45	MAG-CG-403 REV0 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X			NRI MT, NRI UT-45
245580	RH 048 20" ELBOW TO PIPE 16 ,177,103 16 ,177,103	C-F-2 C5.51	MT UT-45	NDE-3 REV4 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X			NRI MT, RG UT-45
<u>RHR (REF. DWG. NO. 01-14)</u>								
246395	GBB-103-3 FW102 14" CAP TO 14" PIPE 15 ,201,203	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X			NRI MT, NRI UT-0, ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6240-1.
246845	GBB-103-2 FW101 14" CAP TO 14" PIPE 16 ,201,204	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X			NRI MT, NRI UT-0, RG & ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6240-1.
<u>RHR (REF. DWG. NO. 01-17)</u>								
247110	RH 175 18" PIPE TO VALVE HV-1F075 16 ,177,103 16 ,177,103	C-F-2 C5.51	MT UT-45	MAG-CG-403 REV0 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X			NRI MT, NRI UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONL IUE TO VALVE CONFIGURATION.

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<u>RHR (REF. DWG. NO. 01-103)</u>								
248230	GBB-102-H015 VARIABLE SUPPORT 15 ,201,203	F-A F1.20	VT-3	MAG-CG-401 REV1	X			NRI VT-3; ASME BASELINE EXAMINATION PER MOD 6227-1.
249550	HBB-118-H016 VARIABLE SUPPORT 15 ,177,102	F-A F1.20	VT-3	MAG-CG-407 REV1	X			NRI VT-3
249370	HBB-118-H049 VARIABLE SUPPORT 15 ,177,102	F-A F1.20	VT-3	MAG-CG-407 REV1		X		REPOR VT-3; REPORTABLE CONDITION (SUPPORT LEFT DISASSEMBLED FROM PREVIOUS LLRT) WAS REWORKED PER NCR-94-00044.
<u>RHR (REF. DWG. NO. 01-03)</u>								
250491	GBB-117-1 W1801R1 18" PIPE TO PIPE 15 ,177,102	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0	X X X X			NRI MT, NRI UT-0, RG & ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
250511	GBB-117-1 W1802 20" X 18" REDUCER TO HEAT EXCHANGER 1AE-205 15 ,177,102	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0	X X X X			NRI MT, NRI UT-0, ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
250521	GBB-102-1 W2501 HEAT EXCHANGER 1AE-205 TO 20" ELBOW 15 ,201,203	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0	X X X X			NRI MT, NRI UT-0, RG & ISG UT-45; EXAMINED FROM ELBOW SIDE ONLY DUE TO NOZZLE CONFIGURATION. PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
250541	GBB-102-1 W2502 20" X 18" REDUCER TO 18" ELBOW 15 ,201,203	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R0 UT-LIM-002V7 R0	X X X X			NRI MT, NRI UT-0, RG & ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>RHR (REF. DWG. NO. 01-02)</u>									
250910	RHA 144 16" TEE TO VALVE HV-1F016A 15 ,283,501	C-F-2 C5.51	MT UT-45	NDE-3 UT-PE-002 FRR LIM-07	REV4 REV7	X X			NRI MT, NRI UT-45; EXAMINATION PERFORMED FROM TEE SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>RHR (REF. DWG. NO. 01-22)</u>									
251943	RHA 500 18" PIPE TO FLANGE 11 ,217,304 11 ,217,304	C-F-2 C5.51	MT UT-45	MAG-CG-403 UT-PE-002 FRR LIM-07 FRR LIM-32	REV0 REV7	X X X			NRI MT, RG PI UT-45; ASME CODE ACCEPTABLE PLANAR INDICATION. EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO FLANGE CONFIGURATION.
251946	RHA 501 18" FLANGE TO PIPE 11 ,217,304 11 ,217,304	C-F-2 C5.51	MT UT-45	MAG-CG-403 UT-PE-002 FRR LIM-07 FRR LIM-32	REV0 REV7	X X X			NRI MT, RG BRD UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO FLANGE CONFIGURATION.
<u>RHR (REF. DWG. NO. X1-1P-202)</u>									
252100	RHA-P-A1 RHR PUMP SUPPORT 15 ,177,102	F-A F1.40	VT-3	MAG 'G-407	R1	X			NRI VT-3
<u>RHR (REF. DWG. NO. X1-1E-205)</u>									
252111	RHR-HXAR-1-A HEAT EXCHANGER SUPPORT 15 ,201,203	F-A F1.40	VT-3	MAG-CG-407	R1	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
252121	RHR-HXAR-1-B HEAT EXCHANGER SUPPORT 15 ,201,203	F-A F1.40	VT-3	MAG-CG-407	R1	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
252131	RHR-HXAR-1-C HEAT EXCHANGER SUPPORT 15 ,201,203	F-A F1.40	VT-3	MAG-CG-407	R1	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.

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				O E G E	R C E P	E O O O	
				C	R	M	R
<u>RHR (REF. DWG. NO. X1-1E-205)</u>							
252141	RHR-HXAR-1-D HEAT EXCHANGER SUPPORT 15 ,201,203	F-A F1.40	VT-3 MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
252151	RHR-HXAR-2-A HEAT EXCHANGER SUPPORT 15 ,201,102	F-A F1.40	VT-3 MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
252161	RHR-HXAR-2-B HEAT EXCHANGER SUPPORT 15 ,201,102	F-A F1.40	VT-3 MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
252171	RHR-HXAR-2-C HEAT EXCHANGER SUPPORT 15 ,201,102	F-A F1.40	VT-3 MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
252181	RHR-HXAR-2-D HEAT EXCHANGER SUPPORT 15 ,201,102	F-A F1.40	VT-3 MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATION 1R05 PER MOD 6227-1.
<u>RHR (REF. DWG. NO. 01-106)</u>							
252300	GBB-101-H032 MECHANICAL SNUBBER 16 ,177,103	F-A+ F1.20	VT-3 MAG-CG-407	REVO	X		NRI VT-3
252360	GBB-102-H006 VARIABLE SUPPORT 16 ,201,204	F-A F1.20	VT-3 MAG-CG-401	REV1	X		NRI VT-3
<u>RHR (REF. DWG. NO. 01-123)</u>							
252690	GBB-10B-H006 VARIABLE SUPPORT 12 ,217,304	F-A F1.20	VT-3 MAG-CG-407	REVO	X		NRI VT-3

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		SEC. XI			O E G E	
		CATGY			R C E P	
		ITEM NO			E O D O	
					C R M R	
<u>RHR (REF. DWG. NO. 01-106)</u>						
252730	GBB-117-H003 RIGID RESTRAINT 16 ,177,103	F-A F1.20	VT-3	MAG-CG-407 REV0	X	NRI VT-3
<u>RHR (REF. DWG. NO. 01-105)</u>						
252910	GBB-118-H040 VARIABLE SUPPORT 16 ,217,304	F-A F1.20	VT-3	MAG-CG-407 REV0	X	NRI VT-3
<u>RHR (REF. DWG. NO. 01-05)</u>						
253485	GBB-118-2 W1601 6" WELDOLET TO 18" PIPE 12 ,253,402	C-F-2 C5.80	MT	MAG-CG-403 REV1	X	NRI MT; ASME BASELINE EXAMINATION PER MOD 6147-1.
<u>RHR (REF. DWG. NO. 01-06)</u>						
253840	RHB 050 18" PIPE TO ELBOW 16 ,177,103 16 ,177,103	C-F-2 C5.51	MT UT-45	MAG-CG-403 REV0 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X	NRI MT, NRI UT-45
254305	GBB-117-2 W1602 18" PIPE TO 18" PIPE 16 ,177,103	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X	NRI MT, NRI UT-0, RG & ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
254311	GBB-117-2 W1601 20" X 18" REDUCER TO HEAT EXCHANGER 18E-205 16 ,177,103	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X	NRI MT, NRI UT-0, RG & ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
254321	GBB-102-2 W2201 HEAT EXCHANGER 18E-205 TO 20" ELBOW 16 ,201,204	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X	NRI MT, NRI UT-0, NRI UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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					O E G E	R C E P	E D O D	
					C R M R			
<u>RHR (REF. DWG. NO. 01-06)</u>								
254341	GBB-102-2 W2202 20"X18" REDUCER TO 18" ELBOW 16 ,201,204	C-F-2 C5.51	MT UT-0 UT-45	MT-LIM-001V1 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X X X			NRI MT, NRI UT-0, RG & ISG UT-45; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
<u>RHR (REF. DWG. NO. 01-05)</u>								
254740	RHB 136 16" TEE TO VALVE HV-1F016B 12 ,295,523 12 ,295,523	C-F-2 C5.51	MT UT-45	MAG-CG-403 REV0 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X			NRI MT, NRI UT-45; EXAMINATION PERFORMED FROM TEE SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>RHR (REF. DWG. NO. 01-23)</u>								
255363	RHB 502 18" PIPE TO FLANGE 12 ,217,304 12 ,217,304	C-F-2 C5.51	MT UT-45	MAG-CG-403 REV0 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X			NRI MT, RG UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO FLANGE CONFIGURATION.
255366	RHB 503 18" FLANGE TO PIPE 12 ,217,304 12 ,217,304	C-F-2 C5.51	MT UT-45	MAG-CG-403 REV0 UT-PE-002 REV7 FRR LIM-07 FRR LIM-32	X X			NRI MT, RG UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO FLANGE CONFIGURATION.
<u>RHR (REF. DWG. NO. XI-1E-205)</u>								
255571	RHR-HXBR-1-A HEAT EXCHANGER SUPPORT 16 ,201,204	F-A F1.40	VT-3	MAG-CG-407 R1	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
255581	RHR-HXBR-1-B HEAT EXCHANGER SUPPORT 16 ,201,204	F-A F1.40	VT-3	MAG-CG-407 R1	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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					O E G E	R C E P	E O O O	
					C	R	M	R
<u>RHR (REF. DWG. NO. X1-1E-205)</u>								
255591	RHR-HXBR-1-C HEAT EXCHANGER SUPPORT 16 ,201,204	F-A F1.40	VT-3	MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
255601	RHR-HXBR-1-D HEAT EXCHANGER SUPPORT 16 ,201,204	F-A F1.40	VT-3	MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
255611	RHR-HXBR-2-A HEAT EXCHANGER SUPPORT 16 ,201,103	F-A F1.40	VT-3	MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
255621	RHR-HXBR-2-B HEAT EXCHANGER SUPPORT 16 ,201,103	F-A F1.40	VT-3	MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
255631	RHR-HXBR-2-C HEAT EXCHANGER SUPPORT 16 ,201,103	F-A F1.40	VT-3	MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
255641	RHR-HXBR-2-D HEAT EXCHANGER SUPPORT 16 ,201,103	F-A F1.40	VT-3	MAG-CG-407	R1	X		NRI VT-3; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
<u>RHR (REF. DWG. NO. 01-107)</u>								
255930	GBB-119-H047 MECHANICAL SNUBBER 15 ,217,304	F-A+ F1.20	VT-3	MAG-CG-407	REV0	X		NRI VT-3
<u>RHR (REF. DWG. NO. 01-09)</u>								
257490	RHD 024 18" ELBOW TO TEE 16 ,217,304 16 ,217,304	C-F-2 C5.51	MT UT-45	NDE-3 UT-PE-002 FRR LIM-07 FRR LIM-32	REV4 REV7	X X		NRI MT, RG UT-45

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					O E G E	R C E P	E O O O	
		ITEM NO			C	R	M	R
<u>RHR (REF. DWG. NO. 01-09)</u>								
257600	RHD 034 18" PIPE TO VALVE HV-1F010B 12 ,217,304 12 ,217,304	C-F-2 C5.51	MT UT-45	NDE-3 UT-PE-002 FRR LIM-07 FRR LIM-32	REV4 REV7	X X		NRI MT, RG UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION.
<u>RHR (REF. DWG. NO. 01-10)</u>								
257860	RHD 054R 18" PIPE TO VALVE 1F031D 16 ,177,103 16 ,177,103	C-F-2 C5.51	MT UT-45	NDE-3 UT-PE-002 FRR LIM-07 FRR LIM-32	REV4 REV7	X X		NRI MT, NRI UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION.
257900	RHD 057 18" PIPE TO ELBOW 16 ,177,103 16 ,177,103	C-F-2 C5.51	MT UT-45	NDE-3 UT-PE-002 FRR LIM-07 FRR LIM-32	REV4 REV7	X X		NRI MT, RG UT-45
<u>RHR (REF. DWG. NO. 01-113)</u>								
258740	HBB-118-H005 VARIABLE SUPPORT 16 ,177,103	F-A F1.20	VT-3	NDE-7	REV2	X		NRI VT-3
<u>RHR (REF. DWG. NO. 01-110)</u>								
259980	HBB-117-H021 (1A) PIPE SUPPORT, 8 LUGS 16 ,177,103	C-C C3.20	MT	NDE-3	REV4	X		NRI MT
<u>RHR (REF. DWG. NO. XI-1E-205)</u>								
260101	RHR-HXAR-1-A (1A) HEAT EXCH SUPPORT, TOP MTG A 15 ,201,203	C-C C3.10	MT PT	MT-LIM-001V1 R0 LP-LIM-001V3 R0		X X		NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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						O	E	G		
						E				
						R				
						C				
						M				
						R				
<u>RHR (REF. DWG. NO. XI-1E-205)</u>										
260111	RHR-HXAR-1-B (1A) HEAT EXCH SUPPORT, TOP MTG B 15 ,201,203	C-C		MT PT	MT-LIM-001V1 RO LP-LIM-001V3 RO	X X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260121	RHR-HXAR-1-C (1A) HEAT EXCH SUPPORT, TOP MTG C 15 ,201,203	C-C		MT PT	MT-LIM-001V1 RO LP-LIM-001V3 RO	X X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260131	RHR-HXAR-1-D (1A) HEAT EXCH SUPPORT, TOP MTG D 15 ,201,203	C-C		MT PT	MT-LIM-001V1 RO LP-LIM-001V3 RO	X X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260141	RHR-HXAR-2-A (1A) HEAT EXCH SUPPORT, BOT MTG A 15 ,177,102	C-C		MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260151	RHR-HXAR-2-B (1A) HEAT EXCH SUPPORT, BOT MTG B 15 ,177,102	C-C		MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260161	RHR-HXAR-2-C (1A) HEAT EXCH SUPPORT, BOT MTG C 15 ,177,102	C-C		MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260171	RHR-HXAR-2-D (1A) HEAT EXCH SUPPORT, BOT MTG D 15 ,177,102	C-C		MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260181	RHR-HXBR-1-A (1A) HEAT EXCH SUPPORT, TOP MTG A 16 ,201,204	C-C		MT PT	MT-LIM-001V1 RO LP-LIM-001V3 RO	X X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.

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					D E G E	R C E P	E O O O		
					C	R	M	R	
<u>RHR (REF. DWG. NO. XI-1E-205)</u>									
260191	RHR-HXBR-1-B (1A) HEAT EXCH SUPPORT, TOP MTG B 16 ,201,204	C-C C3.10	MT PT	MT-LIM-001V1 RO LP-LIM-001V3 RO	X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260201	RHR-HXBR-1-C (1A) HEAT EXCH SUPPORT, TOP MTG C 16 ,201,204	C-C C3.10	MT PT	MT-LIM-001V1 RO LP-LIM 001V3 RO	X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260211	RHR-HXBR-1-D (1A) HEAT EXCH SUPPORT, TOP MTG D 16 ,201,204	C-C C3.10	MT PT	MT-LIM-001V1 RO LP-LIM-001V3 RO	X				NRI MT, NRI PT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260221	RHR-HXBR-2-A (1A) HEAT EXCH SUPPORT, BOT MTG A 16 ,177,103	C-C C3.10	MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260231	RHR-HXBR-2-B (1A) HEAT EXCH SUPPORT, BOT MTG B 16 ,177,103	C-C C3.10	MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260241	RHR-HXBR-2-C (1A) HEAT EXCH SUPPORT, BOT MTG C 16 ,177,103	C-C C3.10	MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
260251	RHR-HXBR-2-D (1A) HEAT EXCH SUPPORT, BOT MTG D 16 ,177,103	C-C C3.10	MT	MT-LIM-001V1 RO	X				NRI MT; PERFORMED ASME BASELINE EXAMINATIONS 1R05 PER MOD 6227-1.
<u>ESW (REF. DWG. NO. HBC-083-1)</u>									
365070	HBC-083-H011 RIGID RESTRAINT 17 ,198,202	F-A F1.30	VT-3	NDE-7 REV2	X				NRL VT-3

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>ESW (REF. DWG. NO. HBC-138-1)</u>									
365305	HBC-138-H031 RIGID RESTRAINT 11 ,201,200	F-A F1.30	VT-3	MAG-CG-401 REV1	X				NRI VT-3; ASME BASELINE EXAMINATION PER MOD P0005B.
365306	HBC-138-H010 RIGID RESTRAINT 11 ,201,200 11 ,201,200	F-A F1.30	VT-3	MAG-CG-401 REV1	X				NRI VT-3; EXAMINED AS PART OF SUPPORT HBC-147-H008 DUE TO COMMON STRUCTURE. NO MODIFICATION TO SUPPORT HBC-138-H010 DURING MOD P0005B, CHANGES TO HBC-147-H008 ONLY.
<u>ESW (REF. DWG. NO. HBC-147-1)</u>									
365590	HBC-147-H006 RIGID RESTRAINT 11 ,201,200	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
365620	HBC-147-H008 RIGID RESTRAINT 11 ,201,200 11 ,201,200	F-A F1.30	VT-3	MAG-CG-401 REV1	X				NRI VT-3; EXAMINATION INCLUDES SUPPORT HBC-138-H010 DUE TO COMMON STRUCTURE. ASME BASELINE EXAMINATION PER MOD P0005B.
<u>ESW (REF. DWG. NO. HBC-084-1)</u>									
366800	HBC-084-H001 RIGID RESTRAINT 15 ,198,202	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
366810	HBC-084-H002 RIGID RESTRAINT 15 ,198,202	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
366820	HBC-084-H003 RIGID RESTRAINT 15 ,198,202	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3

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NUMBER IDENTIFICATION	ITEM NO	METHOD		C	R	M	
				R	E	E	
				R	C	E	
				E	O	O	
				C	R	M	
				R			
<u>ESW (REF. DWG. NO. HBC-152-1)</u>							
367440 HBC-152-H001A MECHANICAL SNUBBER 12 ,201,207	F-A+	F1.30	VT-3 MAG-CG-407 REV1	X			NRI VT-3; REPLACED PSA 1 WITH PSA 3 SNUBBER ASME BASELINE EXAMINATION PER MOD P00058.
367510 HBC-152-H007A RIGID RESTRAINT 16 ,201,207	F-A	F1.30	VT-3 MAG-CG-401 REV1	X			NRI VT-3; ASME BASELINE EXAMINATION PER MOD P00058.
<u>ESW (REF. DWG. NO. HBC-084-1)</u>							
368330 BC-084-H001 (1A) PIPE SUPPORT, 8 LUGS 15 ,198,202	D-B	D2.20	VT-3 NDE-7 REV 2	X			NRI VT-3
<u>ESW (REF. DWG. NO. HBC-152-1)</u>							
368550 HBC-152-H007A (1A) PIPE SUPPORT, 4 LUGS 16 ,201,207	D-B	D2.20	VT-3 MAG-CG-401 REV1	X			NRI VT-3; ASME BASELINE EXAMINATION PER MOD P00058.
<u>MS (REF. DWG. NO. GBC-101-9)</u>							
372670 GBC-101-H191 MECHANICAL SNUBBERS (A & B) 16 ,253,400	F-A+	F1.30	VT-3 MAG-CG-407 REV1	X			NRI VT-3
<u>MS (REF. DWG. NO. GBC-101-5)</u>							
372880 GBC-101-H044 VARIABLE SUPPORT 11 ,253,400	F-A	F1.30	VT-3 MAG-CG-407 REV1	X			NRI VT-3
<u>MS (REF. DWG. NO. GBC-101-2)</u>							
373480 GBC-101-H098 MECHANICAL SNUBBER 11 ,237,400	F-A+	F1.30	VT-3 MAG-CG-401 REV1	X			NRI VT-3; ASME BASELINE EXAMINATION PER MOD 6140-1.

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					O E G E	R C E P	E O O O	
		ITEM NO			C	R	M	R
<u>MS (REF. DWG. NO. GBC-101-14)</u>								
373660	GBC-101-H147 RIGID RESTRAINT 11 ,253,400	F-A F1.30	VT-3	MAG-CG-407 REV1	X			NRI VT-3
<u>MS (REF. DWG. NO. GBC-101-5)</u>								
374220	GBC-101-H044 (1A) PIPE SUPPORT, 4 LUGS 11 ,253,400/266	D-A,B D1,2.40	VT-3	MAG-CG-407 REV1	X			NRI VT-3
<u>MS (REF. DWG. NO. GBC-101-9)</u>								
374300	GBC-101-H191 (1A) PIPE SUPPORT, SLEEVE 16 ,253,400/101	D-A,B D1,2.30	VT-3	MAG-CG-407 REV1	X			NRI VT-3
<u>RWCU (REF. DWG. NO. 08-07)</u>								
374984	DCC-102-1 FW70 6" X 4" CONC. RED. TO PIPE 15 ,285,503	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X			NRI UT-0, NRI UT-45; GL 88-01 BASELINE
374986	DCC-102-1 FW73 4" PIPE TO 6" X 4" CONC. RED.	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X			NRI UT-0, NRI UT-45; GL 88-01 BASELINE
374992	DCC-102-1-1 SW1 4" PIPE TO ELBOW 15 ,285,503 15 ,285,503	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X			NRI UT-0, NRI UT-45; LIMITED EXAMINATION ON PIPE SIDE FROM 4" TO 9.25" DUE TO ID PLATE. SCANNED 1-1/2V FROM ELBOW SIDE IN AREA OF LIMITATION. GL 88-01 BASELINE.
374994	DCC-102-1-1 SW2 4" ELBOW TO PIPE 15 , 285, 503	N/A+ N/A	UT-0 UT-45	UT-LIM-002V7 R1 UT-LIM-002V7 R1	X X			NRI UT-0, NRI UT-45; LIMITED UT-45 AT 90 DEG DUE TO ADJACENT PIPING. GL 88-01 BASELINE.

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. X1 CATGY	EXAM ITEM NO METHOD	PROCEDURE	N R R O E G E R C E P E O O O C R M R	REMARKS
<u>RWCU (REF. DWG. NO. 08-07)</u>						
374996	DCC-102-1-1A SW4 4" PIPE TO ELBOW 15 ,285,503	N/A+ N/A	UT-0 UT-45	UT-L1M-002V7 R1 UT-L1M-002V7 R1	X X	NRI UT-0, NRI UT-45; GL 88-01 BASELINE.
375012	DCC-102-1-26 SW11A 6" X 4" CONC. RED. TO 6" X 4" RED. TEE 15 ,285,503	N/A+ N/A	UT-0 UT-45	UT-L1M-002V7 R1 UT-L1M-002V7 R1	X X	NRI UT-0, NRI UT-45; GL 88-01 BASELINE.
375014	DCC-102-1-26 SW11B 6" X 4" RED. TEE TO CAP 15 ,285,503	N/A+ N/A	UT-0 UT-45	UT-L1M-002V7 R1 UT-L1M-002V7 R1	X X	NRI UT-0, NRI UT-45; LIMITED EXAMINATION ON CAP SIDE. SCANNED 1-1/2V FROM TEE SIDE. GL 88-01 BASELINE.
375016	DCC-102-1-26 SW11C 6" X 4" RED. TEE TO 6" X 4" CONC. RED. 15 ,285,503	N/A+ N/A	UT-0 UT-45	UT-L1M-002V7 R1 UT-L1M-002V7 R1	X X	NRI UT-0, NRI UT-45; GL 88-01 BASELINE.
<u>RHR SW (REF. DWG. NO. HBC-091-19)</u>						
376170	HBC-091-H156 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7 REV2	X	NRI VT-3
<u>RHR SW (REF. DWG. NO. HBC-183-1)</u>						
376760	HBC-183-H002 RIGID RESTRAINT 18 ,198,202	F-A F1.30	VT-3	NDE-7 REV2	X	NRI VT-3
<u>RHR SW (REF. DWG. NO. HBC-507-15)</u>						
377090	HBC-507-H023 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7 REV2	X	NRI VT-3

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						O	E	G	
						R	C	E	P
						E	O	O	O
						C	R	M	R
<u>RHR SW (REF. DWG. NO. HBC-507-15)</u>									
377100	HBC-507-H024 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
377110	HBC-507-H025 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
377120	HBC-507-H026 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
377130	HBC-507-H027 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
377140	HBC-507-H028 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
<u>RHR SW (REF. DWG. NO. HBC-507-12)</u>									
377360	HBC-507-H050 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
377370	HBC-507-H051 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3
377380	HBC-507-H052 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7	REV2	X			NRI VT-3

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					O	E	G	
					R	C	E	P
					E	O	O	O
					C	R	M	R
<u>RHR SW (REF. DWG. NO. HBC-507-12)</u>								
377390	HBC-507-H053 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7 REV2	X			NR1 VT-3
377400	HBC-507-H054 RIGID RESTRAINT SP ,NA ,NA	F-A F1.30	VT-3	NDE-7 REV2	X			NR1 VI-3
<u>RHR SW (REF. DWG. NO. HBC-509-1)</u>								
377700	HBC-509-H001 VARIABLE SUPPORT 1B ,198,202	F-A F1.30	VT-3	MAG-CG-401 REV0	X			NRL VT-3; ASME BASELINE PER MOD 6194-1.
<u>RHR SW (REF. DWG. NO. HBC-507-1)</u>								
379500	HBC-507-H001 VARIABLE SUPPORT 1B ,198,202	F-A F1.30	VT-3	MAG-CG-401 REV0	X			NR1 VT-3; ASME BASELINE PER MOD 6194-1.
379520	HBC-507-H003 RIGID RESTRAINT 1B ,198,202	F-A F1.30	VT-3	MAG-CG-401 REV1	X			NR1 VT-3; ASME BASELINE PER MOD 6194-1.
379580	HBC-507-H172 MECHANICAL SNUBBER 1B ,198,202	F-A+ F1.30	VT-3	MAG-CG-401 REV1	X			NR1 VT-3; ASME BASELINE PER MOD 6194-1.
<u>FW (REF. DWG. NO. 05-05)</u>								
481681	FWA 053 VALVE HV-1F032A TO PIPE 12 ,279,51B 12 ,279,51B	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X	X		RG UT-45; EXAMINATION PERFORMED FROM PIPE SIDE ONLY DUE TO VALVE CONFIGURATION. CODE COVERAGE ACHIEVED ON VALVE SIDE BY BEAM OSCILLATION.

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<u>FW (REF. DWG. NO. 05-05)</u>						
481691	FWA 054 24" PIPE TO TEE RM 534	N/A+ N/A	UT-45	UT-LIM-002V7 R1	X	NRI UT-45; EXAMINED FROM PIPE SIDE ONLY DUE TO TEE CONFIGURATION. CODE COVERAGE ACHIEVED ON TEE SIDE BY BEAM OSCILLATION.
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 1,2)</u>						
600170	AF BOTTOM SIDE SHELL 5 RPV CLOSURE FLANGE RPV, 325'11", 400	B-A B1.30	UT-0 UT-45 UT-60	UT-LIM-005V5 R0 UT-LIM-005V5 R0 UT-LIM-005V5 R0	X X X	NRI UT-0, NRI UT-45, NRI UT-60; EXAMINED 180 DEG AZ TO 360 DEG AZ 1R05.
600180	AF TOP SIDE SHELL 5 RPV CLOSURE FLANGE RPV, 325'11", 400	B-A B1.30	UT-0	UT-LIM-005V5 R0	X	NRI UT-0; EXAMINED 180 DEG AZ TO 360 DEG AZ 1R05.
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 1,4)</u>						
600550	AH BOTTOM SIDE CLOSURE HEAD DOLLAR PLATE WELD FF, 352', 700	B-A B1.21	UT-0 UT-45 UT-60	UT-LIM-005V5 R0 UT-LIM-005V5 R0 UT-LIM-005V5 R0	X X X	NRI UT-0, NRI UT-45, NRI UT-60; EXAMINED 240 DEG AZ TO 360 DEG AZ 1R05.
600560	AH TOP SIDE CLOSURE HEAD DOLLAR PLATE WELD FF, 352', 700	B-A B1.21	UT-0 UT-45 UT-60	UT-LIM-005V5 R0 UT-LIM-005V5 R0 UT-LIM-005V5 R0	X X X	NRI UT-0, NRI UT-45, NRI UT-60; EXAMINED 240 DEG AZ TO 360 DEG AZ 1R05.
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 3,4)</u>						
600570	AG CLOSURE HEAD FLANGE FF, 352', 700 FF, 352', 700	B-A B1.40	UT-0 UT-45 UT-60 MT	UT-LIM-005V5 R0 UT-LIM-005V5 R0 UT-LIM-005V5 R0 MT-LIM-001V1 R0	X X X X	NRI MT, NRI UT-0, NRI UT-45, NRI UT-60; EXAMINED 240 DEG AZ TO 360 DEG AZ 1R05.
600620	DN CLOSURE HEAD WELD FF, 352', 700	B-A B1.22	UT-0 UT-45 UT-60	UT-LIM-005V5 R0 UT-LIM-005V5 R0 UT-LIM-005V5 R0	X X X	NRI UT-0, NRI UT-45, NRI UT-60

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						D E G E	R C E P	E O O O	
						C	R	M	R
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 3,4)</u>									
600630	DP CLOSURE HEAD WELD FF, 352', 700	B-A		UT-0 UT-45 UT-60	UT-LIM-005V5 RO UT-LIM-005V5 RO UT-LIM-005V5 RO	X X X			NRI UT-0, NRI UT-45, NRI UT-60
601360	N6A RPV HEAD SPRAY FF, 352', 700	B-D		UT-0 UT-45 UT-60	UT-LIM-005V5 RO UT-LIM-005V5 RO UT-LIM-005V5 RO	X X X			NRI UT-0, NRI UT-45, NRI UT-60
601370	N6A-1R RPV HEAD SPRAY FF, 352', 700	B-D		UT-45	UT-LIM-004V2 RO	X			NRI UT-45
601400	N7 RPV VENT FF, 352', 700 FF, 352', 700	B-D		UT-0 UT-45 UT-60	UT-LIM-005V5 RO UT-LIM-005V5 RO UT-LIM-005V5 RO	X X X			NRI UT-0, PI UT-45, PI UT-60; PLANAR TYPE INDICATION, LOCATED IN THE OUTER 75% WALL THICKNESS, WAS DETECTED DURING THE RPV PSI. THERE IS NO CHANGE TO THE INDICATION SIZE RECORDED DURING THE PSI.
601410	N7-1R RPV VENT FF, 352', 700	B-D		UT-45	UT-LIM-004V2 RO	X			NRI UT-45
<u>RR (REF. DWG. NO. 07-01)</u>									
601750	VRR-1RS-1A N1A NOZZLE TO SAFE END (AZ. 0 DEG) 12C, 279'8", 400/0 12C, 279'8", 400/0	B-F+		PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 RO UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X X X X X			NRI PT, BRD CIG NRL UT-45, A1 ISG CIG SC NRL UT-45RL, ISG CIG SC NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS. SUPPLEMENTAL SCANS PERFORMED IN LIFT-OFF AREAS. SCANNED BELOW REFERENCE SENSITIVITY FOR S/N RATIO.
601760	VRR-1RS-1A N1A NOZZLE TO SAFE END (AZ. 0 DEG) 12C, 279'8", 400/0 12C, 279'8", 400/0	N/A+		UT-45 UT-45RL UT-60RL	UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X X X X			REFERENCE SUMMARY NO. 601750 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.

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			O E G E	R C E P	E O O O	
			C	R	M	R
<u>RR (REF. DWG. NO. 07-01)</u>						
601761 VRR-1RS-1A N1A NOZZLE TO SAFE END (AZ. 0 DEG) 12C, 279'8", 400/0	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	REFERENCE SUMMARY NO. 601750 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
<u>RR (REF. DWG. NO. 07-02)</u>						
601770 VRR-1RS-1B N1B NOZZLE TO SAFE END (AZ. 180 DEG) 16C, 279'8", 400/180	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X	X X X X	NRI PT, CIG NRL UT-45, CS NRL UT-45RL, ISG SC NRL UT-60RL; PERFORMED MSIP 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS. UT-60RL LIMITED DUE TO SAFE END TAPER. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/W RATIO.
601780 VRR-1RS-1B N1B NOZZLE TO SAFE END (AZ. 180 DEG) 16C, 279'8", 400/180	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	REFERENCE SUMMARY NO. 601770 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
601781 VRR-1RS-1B N1B NOZZLE TO SAFE END (AZ. 180 DEG) 16C, 279'8", 400/180	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	REFERENCE SUMMARY NO. 601770 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO 455.
601790 VRR-1RD-1B N2A NOZZLE TO SAFE END (AZ. 30 DEG) 12C, 281'4", 400/30	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X	X X X X	NRI PT, BRD CIG NRL UT-45, RG A1 NRL UT-45RL, RG SC NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS. SCANS LIMITED DUE TO SAFE END TAPER. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/W RATIO.
601800 VRR-1RD-1B N2A NOZZLE TO SAFE END (AZ. 30 DEG) 12C, 281'4", 400/30	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	REFERENCE SUMMARY NO. 601790 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.

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					O	E	E	
					R	C	E	P
					E	O	O	O
					C	R	M	R
<u>RR (REF. DWG. NO. 07-02)</u>								
601801	VRR-1RD-1B N2A NOZZLE TO SAFE END (AZ. 30 DEG) 12C, 281'4", 400/30	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601790 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
601810	VRR-1RD-1B N2B NOZZLE TO SAFE END (AZ. 60 DEG) 12C, 281'4", 400/60	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-PE-001 REV 3 FRR LIM-005 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X	X X X	X X X	NRI PT, BRD CIG NRL UT-45, RG AI ISG NRL UT-45RL, RG NRL UT-60RL; POST MSIP ASME BASELINE EXAMINATIONS PERFORMED 1R04 BUT NOT ADDRESSED IN SUMMARY REPORT. ONLY UT EXAMINATIONS PERFORMED 1R05. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/N RATIO.
601820	VRR-1RD-1B N2B NOZZLE TO SAFE END (AZ. 60 DEG) 12C, 281'4", 400/60	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601810 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.
601821	VRR-1RD-1B N2B NOZZLE TO SAFE END (AZ. 60 DEG) 12C, 281'4", 400/60	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601810 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
601830	VRR-1RD-1B N2C NOZZLE TO SAFE END (AZ. 90 DEG) 12C, 281'4", 400/90	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-PE-001 REV 3 FRR LIM-005 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X	X X X	X X X	NRI PT, BRD CIG NRL UT-45, RG AI ISG NRL UT-45RL, RG NRL UT-60RL; POST MSIP ASME BASELINE EXAMINATIONS PERFORMED 1R04 BUT NOT ADDRESSED IN SUMMARY REPORT. ONLY UT EXAMINATIONS PERFORMED 1R05. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/N RATIO.
601840	VRR-1RD-1B N2C NOZZLE TO SAFE END (AZ. 90 DEG) 12C, 281'4", 400/90	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601830 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.

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			O E G E	R C E P	E O O O		
			C	R	M	R	
<u>RR (REF. DWG. NO. 07-02)</u>							
601841 VRR-1RD-1B N2C NOZZLE TO SAFE END (AZ. 90 DEG) 12C, 281'4", 400/90	N/A+ N/A	UT-45 UT-54RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601830 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.	
601850 VRR-1RD-1B N2D NOZZLE TO SAFE END (AZ. 120 DEG) 16C, 281'4", 400/120	B-F+ 85.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X		NRI PT, BRD CIG NRL UT-45, RG AI NRL UT-45, SC AI NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/N RATIO. UT-60RL SCAN LIMITED DUE TO SAFE END TAPER.	
601860 VRR-1RD-1B N2D NOZZLE TO SAFE END (AZ. 120 DEG) 16C, 281'4", 400/120	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601850 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.	
601861 VRR-1RD-1B N2D NOZZLE TO SAFE END (AZ. 120 DEG) 16C, 281'4", 400/120	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601850 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.	
601870 VRR-1RD-1B N2E NOZZLE TO SAFE END (AZ. 150 DEG) 16C, 281'4", 400/150	B-F+ 85.10	PT UT-45 UT-45RL UT-60RL	LP-PE-001 REV 3 FRR LIM-005 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X		NRI PT, BRD CIG NRL UT-45, AI NRL UT-45RL, RG NRL UT-60RL; POST MSIP ASME BASELINE EXAMINATIONS PERFORMED 1R04 BUT NOT ADDRESSED IN SUMMARY REPORT. ONLY UT PERFORMED 1R05. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/N RATIO.	
601880 VRR-1RD-1B N2E NOZZLE TO SAFE END (AZ. 150 DEG) 16C, 281'4", 400/150	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601870 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.	

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					O	E	G	
					D E G E			
					R C E P			
					E O O O			
					C R M R			
<u>RR (REF. DWG. NO. 07-02)</u>								
601881	VRR-1RD-1B N2E NOZZLE TO SAFE END (AZ. 150 DEG) 16C, 281'4", 400/150	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601870 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
<u>RR (REF. DWG. NO. 07-01)</u>								
601890	VRR-1RD-1A N2F SAFE END TO NOZZLE (AZ. 210 DEG) 15C, 281'4", 400/210	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X	X X X X	X X X X	NRI PT, BRD CIG NRL UT-45, RG NRL UT-45RL, AI SC NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS. SCANNED BELOW REFERENCE SENSITIVITY DUE TO S/N RATIO.
601900	VRR-1RD-1A N2F SAFE END TO NOZZLE (AZ. 210 DEG) 15C, 281'4", 400/210	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601890 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 8B-01.
601901	VRR-1RD-1A N2F SAFE END TO NOZZLE (AZ. 210 DEG) 15C, 281'4", 400/210	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601890 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
601910	VRR-1RD-1A N2G SAFE END TO NOZZLE (AZ. 240 DEG) 15C, 281'4", 400/240	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X	X X X X	X X X X	NRI PT, CIG NRL UT-45, AI 1SG NRL UT-45RL, SC NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
601920	VRR-1RD-1A N2G SAFE END TO NOZZLE (AZ. 240 DEG) 15C, 281'4", 400/240	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X	X X X	X X X	REFERENCE SUMMARY NO. 601910 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 8B-01.

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						O	E	G	
						E G E			
						R C E P			
						E O O O			
						C R M R			
<u>RR (REF. DWG. NO. 07-01)</u>									
601921	VRR-1RD-1A N2G SAFE END TO NOZZLE (AZ. 240 DEG) 15C, 281'4", 400/240	N/A+		UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 601910 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
601940	VRR-1RD-1A N2H SAFE END TO NOZZLE (AZ. 270 DEG) 15C, 281'4", 400/270	N/A+		UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X X			BRD CIG NRL UT-45, AI ISG NRL PI UT-45RL, AI SC NRL PI UT-60RL; MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATION PERFORMED PER GL 88-01. NO APPRECIABLE CHANGE IN THRU-WALL OR LENGTH DIMENSION OF PLANAR INDICATION DISPOSITIONED PER NCR LG 92-00043.
601941	VRR-1RD-1A N2H SAFE END TO NOZZLE (AZ. 270 DEG) 15C, 281'4", 400/270	N/A+		UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X X			REFERENCE SUMMARY NO. 601940 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
601950	VRR-1RD-1A N2J SAFE END TO NOZZLE (AZ. 300 DEG) 11C, 281'4", 400/300	B-F+ B5.10		PT UT-45 UT-45RL UT-60RL	LP-PE-001 REV 3 FRR LIM-005 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X			NRI PT, BRD CIG NRL PI UT-45, RG ISG NRL PI UT-45RL, RG ISG NRL UT-60RL; POST MSIP ASME BASELINE EXAMINATIONS PERFORMED 1R04 BUT NOT ADDRESSED IN SUMMARY REPORT. ONLY UT PERFORMED 1R05. CODE ACCEPTABLE PLANAR IND DETECTED AT CS/INC INTERFACE.
601960	VRR-1RD-1A N2J SAFE END TO NOZZLE (AZ. 300 DEG) 11C, 281'4", 400/300	N/A+		UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 601950 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.
601961	VRR-1RD-1A N2J SAFE END TO NOZZLE (AZ. 300 DEG) 11C, 281'4", 400/300	N/A+		UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 601950 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.

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						O	E	G	
						R C E P			
						E O O O			
						C R M R			
<u>RR (REF. DWG. NO. 07-01)</u>									
601970	VRR-1RD-1A N2K SAFE END TO NOZZLE (AZ. 330 DEG) 11C, 281'4", 400/330	B-F+ B5.10	PT	LP-PE-001 REV 3 FRR LIM-005	UT-45 UT-45RL UT-60RL	LP-PE-001 REV 3 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X		NRI PT, CIG NRL UT-45, A1 NRL UT-45RL, RG NRL UT-60RL; POST MSIP ASME BASELINE EXAMINATIONS PERFORMED 1R04 BUT NOT ADDRESSED IN SUMMARY REPORT. ONLY UT PERFORMED 1R05.
601980	VRR-1RD-1A N2K SAFE END TO NOZZLE (AZ. 330 DEG) 11C, 281'4", 400/330	N/A+ N/A	UT-45	UT-LIM-209V0 R0	UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601970 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.
601981	VRR-1RD-1A N2K SAFE END TO NOZZLE (AZ. 330 DEG) 11C, 281'4", 400/330	N/A+ N/A	UT-45	UT-LIM-209V0 R0	UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601970 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
<u>CS (REF. DWG. NO. 04-04)</u>									
601990	DCA-319-1 N5A NOZZLE TO SAFE END (AZ. 60 DEG) 12C, 306'7", 400/60	B-F+ B5.10	PT	LP-LIM-001V3 R0	UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X		NRI PT, BRD CIG NRL UT-45, RG ISG CIG N2K UT-45RL, ISG NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS. ASME CODE ACCEPTABLE PI DETECTED OUTSIDE THE WRV. THIS IND. WAS RECORDED AS A1 (GRAIN NOISE) DURING THE PSI
602000	DCA-319-1 N5A NOZZLE TO SAFE END (AZ. 60 DEG) 12C, 306'7", 400/60	N/A+ N/A	UT-45	UT-LIM-209V0 R0	UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601990 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602001	DCA-319-1 N5A NOZZLE TO SAFE END (AZ. 60 DEG) 12C, 306'7", 400/60	N/A+ N/A	UT-45	UT-LIM-209V0 R0	UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X		REFERENCE SUMMARY NO. 601990 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.

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					O E U E	R C E P	E O O O		
		ITEM NO			C	R	M	R	
<u>CS (REF. DWG. NO. 04-01)</u>									
602020	DCA-320-1 N58 NOZZLE TO SAFE END (AZ. 300 DEG) 11C, 306'7", 400/300	B-F+ 85.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X				NRI PT, RG ISG CIG NRL UT-45, RG ISG A1 CIG NRL UT-45RL, RG ISG CIG NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
602030	DCA-320-1 N58 NOZZLE TO SAFE END (AZ. 300 DEG) 11C, 306'7", 400/300	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X				REFERENCE SUMMARY NO. 602020 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602031	DCA-320-1 N58 NOZZLE TO SAFE END (AZ. 300 DEG) 11C, 306'7", 400/300	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X				REFERENCE SUMMARY NO. 602020 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
<u>RPV-APP (REF. DWG. NO. X1-RPV-11N)</u>									
602050	RPV-11N NBA NOZZLE TO SAFE END (JET PUMP INSTRUMENT - AZ. 105 DEG) 16C, 279,400/105	B-F+ 85.10	PT UT-45 UT-45RL	LP-LIM-001V3 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X X				NRI PT, NRI UT-45, RG UT-45RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
602060	RPV-11N NBA NOZZLE TO SAFE END (JET PUMP INSTRUMENT - AZ. 105 DEG) 16C, 279,400/105	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X				REFERENCE SUMMARY NO. 602050 FOR EXAMINATION RESULTS. PERFORMED MSIP 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602061	RPV-11N NBA NOZZLE TO SAFE END (JET PUMP INSTRUMENT - AZ. 105 DEG) 16C, 279,400/105	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X				REFERENCE SUMMARY NO. 602050 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER JE SIL NO. 455.
602070	RPV-11N NBB NOZZLE TO SAFE END (JET PUMP INSTRUMENT - AZ. 289 DEG) 11C, 279,400/2*5	B-F+ 85.10	PT UT-45 UT-45RL	LP-LIM-001V3 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X X				NRI PT, NRI UT-45, RG UT-45RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.

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					O	E	G	
		ITEM NO			C	R	M	
<u>RPV-APP (REF. DWG. NO. XI-RPV-11N)</u>								
602080	RPV-11N N8B NOZZLE TO SAFE END (JET PUMP INSTRUMENT - AZ. 289 DEG) 11C, 279, 400/285	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X			REFERENCE SUMMARY NO. 602070 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602081	RPV-11N N8B NOZZLE TO SAFE END (JET PUMP INSTRUMENT - AZ. 289 DEG) 11C, 279, 400/285	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X			REFERENCE SUMMARY NO. 602070 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 445.
602090	RPV-11N N9 NOZZLE TO CAP (CRD HYDRAULIC RETURN - AZ. 146 DEG) 16C, 303'7", 400/146	B-F+ B5.10	PT UT-45 UT-45RL	LP-LIM-001V3 R0 UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X X			NRI PT, NRI UT-45, NRI UT-45RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
602100	RPV-11N N9 NOZZLE TO CAP (CRD HYDRAULIC RETURN - AZ. 146 DEG) 16C, 303'7", 400/146	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X			REFERENCE SUMMARY NO. 602090 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602101	RPV-11N N9 NOZZLE TO CAP (CRD HYDRAULIC RETURN - AZ. 146 DEG) 16C, 303'7", 400/146	N/A+ N/A	UT-45 UT-45RL	UT-LIM-002V7 R1 UT-LIM-002V7 R0 S2V3	X X			REFERENCE SUMMARY NO. 602090 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
602180	RPV-11N N16A INSTRUMENT NOZZLE TO SAFE END (AZ. 0 DEG) 12C, 296'9", 400/0	B-F B5.20	PT	LP-LIM-001V3 R0	X			NRI PT
<u>RHR (REF. DWG. NO. 01-04)</u>								
602220	DCA-31B-2 N17A SAFE END TO NOZZLE (AZ. 45 DEG) 12C, 297'3", 400/45	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X			NRI PT, CIG NRL UT-45, RG A1 NRL UT-45RL, SC NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.

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					D E G	R C E P	E O O O	
					C R M R			
<u>RHR (REF. DWG. NO. 01-04)</u>								
602230	DCA-318-2 N17A SAFE END TO NOZZLE (AZ. 45 DEG) 12C, 297'3", 400/45	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 602220 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.
602231	DCA-318-2 N17A SAFE END TO NOZZLE (AZ. 45 DEG) 12C, 297'3", 400/45	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 602220 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
<u>RHR (REF. DWG. NO. 01-09A)</u>								
602250	DCA-318-1 N17B SAFE END TO NOZZLE (AZ. 135 DEG) 16C, 297'3", 400/135	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X X			NRI PT, CIG RG NRL UT-45, RG CIG NRL UT-45RL, SC NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
602260	DCA-318-1 N17B SAFE END TO NOZZLE (AZ. 135 DEG) 16C, 297'3", 400/135	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 602250 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602261	DCA-318-1 N17B SAFE END TO NOZZLE (AZ. 135 DEG) 16C, 297'3", 400/135	N/A+	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 R0 UT-LIM-209V0 R0 UT-LIM-209V0 R0	X X X X X X			REFERENCE SUMMARY NO. 602250 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
602270	DCA-318-1 FW1 12" PIPE TO SAFE END (AZ. 135 DEG) 16C, 297'3", 400/135	B-F+ B5.130	PT UT-45 UT-45RL	LP-LIM-001V3 R0 UT-LIM-208V0 R0 UT-LIM-208V0 R0	X X X X X			NRI PT, ISG BRD NRL UT-45, SC NRL UT-45RL
602271	DCA-318-1 FW1 LU 12" PIPE SEAM 16C, 297'3", 400/135	B-J B9.12	PT UT-45	LP-LIM-001V3 R0 UT-LIM-002V7 R1	X X			NRI PT, NRI UT-45; EXAMINED 2.45" LSUS. TOTAL LENGTH OF WELD BETWEEN CIRC WELDS IS 4.9".

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					O E G E	R C E P	E O O O	
					C	R	M	R
<u>RHR (REF. DWG. NO. 01-09A)</u>								
602272	DCA-318-1 FW1 12" PIPE TO SAFE END (AZ. 135 DEG) 16C, 297'3", 400/135	N/A+ N/A	UT-45 UT-45RL	UT-LIM-208V0 RO UT-LIM-208V0 RO	X X	X X		REFERENCE SUMMARY NO. 602270 FOR EXAMINATION RESULTS.
<u>RHR (REF. DWG. NO. 01-01)</u>								
602280	DCA-318-3 N17C SAFE END TO NOZZLE (AZ. 225 DEG) 15C, 297'3", 400/225	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-PE-001 REV 3 FRR LIM-005 UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X X	X X X		NRI PT, RG CIG NRL UT-45, RG A1 NRL UT-45RL, RG NRL UT-60RL; POST MSIP ASME BASELINE EXAMINATIONS PERFORMED 1R04 BUT NOT ADDRESSED IN SUMMARY REPORT. ONLY UT EXAMINATIONS PERFORMED 1R05.
602290	DCA-318-3 N17C SAFE END TO NOZZLE (AZ. 225 DEG) 15C, 297'3", 400/225	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X	X X X		REFERENCE SUMMARY NO. 602280 FOR EXAMINATION RESULTS. MSIP PERFORMED 1R04. 2ND POST MSIP EXAMINATIONS PERFORMED PER GL 88-01.
602291	DCA-318-3 N17C SAFE END TO NOZZLE (AZ. 225 DEG) 15C, 297'3", 400/225	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X	X X X		REFERENCE SUMMARY NO. 602280 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
602300	DCA-318-3 FW1 12" PIPE TO SAFE END (AZ. 225 DEG) 15C, 297'3", 400/225	B-F+ B5.130	PT UT-45 UT-45RL	LP-LIM-001V3 RO UT-LIM-208V0 RO UT-LIM-208V0 RO	X X X	X X		NRI PT, ISG BRD NRL UT-45, RG SC NRL UT-45RL
602301	DCA-318-3 FW1 LU 12" PIPE SEAM 15C, 297'3", 400/225	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 R1	X X	X		NRI PT, NRI UT-45; EXAMINED 2.45" LSUS. TOTAL LENGTH OF WELD BETWEEN CIRC WELDS IS 4.8".
602302	DCA-318-3 FW1 12" PIPE TO SAFE END (AZ. 225 DEG) 15C, 297'3", 400/225	N/A+ N/A	UT-45 UT-45RL	UT-LIM-208V0 RO UT-LIM-208V0 RO	X X	X X		REFERENCE SUMMARY NO. 602300 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GL 88-01.

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					O E G E	R C E P	E D O O		
					C	R	M	R	
<u>RHR (REF. DWG. NO. 01-07A)</u>									
602310	DCA-318-4 N17D SAFE END TO NOZZLE (AZ. 315 DEG) 11C,297'3",400/315	B-F+ B5.10	PT UT-45 UT-45RL UT-60RL	LP-LIM-001V3 RO UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X X X X X				NRI PT, RG ISG CIG BRD NRL UT-45, RG ISG AI CIG NRL UT-45RL, RG NRL UT-60RL; MSIP PERFORMED 1R05. PERFORMED POST MSIP ASME BASELINE EXAMINATIONS.
602320	DCA-318-4 N17D SAFE END TO NOZZLE (AZ. 315 DEG) 11C,297'3",400/315	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X X X X				REFERENCE SUMMARY NO. 602310 FOR EXAMINATION RESULTS. PERFORMED MSIP 1R05. PERFORMED POST MSIP EXAMINATIONS PER GL 88-01.
602321	DCA-318-4 N17D SAFE END TO NOZZLE (AZ. 315 DEG) 11C,297'3",400/315	N/A+ N/A	UT-45 UT-45RL UT-60RL	UT-LIM-209V0 RO UT-LIM-209V0 RO UT-LIM-209V0 RO	X X X X X X				REFERENCE SUMMARY NO. 602310 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GE SIL NO. 455.
602330	DCA-318-4 FW1 12" PIPE TO SAFE END (AZ. 315 DEG) 11C,297'3",400/315	B-F+ B5.130	PT UT-45 UT-45RL	LP-LIM-001V3 RO UT-LIM-208V0 RO UT-LIM-208V0 RO	X X X X X				NRI PT, NRL UT-45, SC NRL UT-45RL
602331	DCA-318-4 FW1 LU 12" PIPE SEAM 11C,297'3",400/315	B-J B9.12	PT UT-45	LP-LIM-001V3 RO UT-LIM-002V7 R1	X X				NRI PT, NRI UT-45; EXAMINED 2.25" LSUS. TOTAL WELD LENGTH BETWEEN CIRC WELDS IS 4.5".
602332	DCA-318-4 FW1 12" PIPE TO SAFE END (AZ. 315 DEG) 11C,297'3",400/315	N/A+ N/A	UT-45 UT-45RL	UT-LIM-208V0 RO UT-LIM-208V0 RO	X X X X				REFERENCE SUMMARY NO. 602330 FOR EXAMINATION RESULTS. PERFORMED EXAMINATIONS PER GL 88-01.
<u>RPV (REF. DWG. NO. X1-RPV-1 PG. 3)</u>									
602340	RPV CLOSURE HEAD NUTS NUTS SN 1 - SN 76 FF, 352', 700	B-G-1 B6.10	MT	MT-LIM-101V0 RO	X				NRI MT; EXAMINED NUTS AT RPV FLANGE LOCATIONS 52 THRU 76, WHILE DISASSEMBLED.

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					O	E	R	
		ITEM NO			C	R	M	
<u>RPV (REF. DWG. NO. XI-RPV-1 PG. 3)</u>								
602350	RPV CLOSURE STUDS IN PLACE STUDS SN 1 - SN 76 FF, 352', 700	B-G-1 B6.20	UT-0	UT-LIM-007V4 RO	X			NRI UT-0; EXAMINED STUDS AT RPV FLANGE LOCATIONS 52 THRU 76, IN PLACE BUT DETENSIONED.
602360	RPV CLOSURE STUDS WHEN REMOVED STUDS SN 1 - SN 76 FF, 352', 700	B-G-1 B6.30	MT	MT-LIM-101V0 RO	X			NRI MT; EXAMINED STUDS FROM RPV FLANGE LOCATIONS 18 THRU 21, WHILE REMOVED.
602370	THREADED HOLES IN RPV FLANGE HOLES SN1 - SN 76 FF, 352', 700 FF, 352', 700	B-G-1 B6.40	UT-0	UT-LIM-008V2 RO	X			NRI UT-0; EXAMINED THREADED HOLES AT RPV FLANGE LOCATIONS 52 THRU 76. EXAMINATIONS LIMITED TO 91.6% DUE TO CONFIGURATION OF THE CLOSURE FLANGE SEALING SURFACE. COMPLETE PER CODE CASE N-460.
602380	RPV CLOSURE WASHERS WASHERS SN 1 - SN 76 FF, 352', 700	B-G-1 B6.50	VT-1	MAG-CG-407 REV1	X			NRI VT-1; MINOR GALLING NOTED ON WASHERS #52, #70 & #76.
<u>RPV (REF. DWG. NO. XI-BF-6 PG. 1)</u>								
602390	N6A HEAD SPRAY FLANGE BOLTING 12 STDS 24 NUTS FF, 352', 700	B-G-2 B7.10	VT-1	MAG-CG-407 REV1	X			NRI VT-1; EXAMINED 12 STUDS AND 24 NUTS, IN PLACE AND UNDER TENSION.
<u>RPV (REF. DWG. NO. XI-BF-7 PG. 1)</u>								
602410	N7 VENT FLANGE BOLTING 8 STDS 16 NUTS FF, 352', 700	B-G-2 B7.10	VT-1	MAG-CG-407 REV1	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BH-4 PG. 1)</u>								
602570	LIFTING LUG (270 DEG.) LUG TO CLOSURE HEAD WELD FF, 352', 700	N/A+ N/A	MT	MT-LIM-001V1 RO	X			NRI MT

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					O E G	R C E	P E O	

<u>RPV (REF. DWG. NO. XI-BN PG. 1)</u>								
603130	SHROUD ANNULUS SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3
		B13.10						
603131	SHROUD WELD H1 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						
603132	SHROUD WELD H2 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						
603133	SHROUD WELD H3 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						
603134	SHROUD WELD H4 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						
603135	SHROUD WELD H5 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						
603136	SHROUD WELD H6 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						
603137	SHROUD WELD H7 SURFACE RXI, 276'-300'	B-N-1	VT-3	MAG-CG-40B REV0	X			NR1 VT-3; OD EXAM
		B13.10						

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					O	E	R	
					C	R	M	
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 7)</u>								
603140	ACCESS HOLE COVER (0 DEG) COVER & WELD RXI, 276'4", 0 AZ	B-N-1 B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603150	ACCESS HOLE COVER (180 DEG) COVER & WELD RXI, 276'4", 180 AZ	B-N-1 B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-10 PG. 1)</u>								
603170	SHROUD SUPPORT PLATE-CYL. WELD SHROUD SUPPORT WELD RXI, 276'4"	B-N-2 B13.40	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603180	SHROUD SUPPORT PLATE-RPV WELD SHROUD SUPPORT WELD RXI, 276'4"	B-N-2 B13.40	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603190	JET PUMP #1 (N2A) JET PUMP ASSEMBLIES & WELDS RXI, 23 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603200	JET PUMP #1 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 23 AZ RXI, 23 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1269, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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					D E G E	R C E P	E O O D		
					C	R	M	R	
<u>RPV (REF. DWG. NO. X1-BN-3 PG. 1,2)</u>									
603210	JET PUMP #1 INST LINE-PENE WELD WELDS TO PENETRATION NSA RX1, 279', 105 AZ	B-N-1+	B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3
603220	JET PUMP #1 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 23 AZ	N/A+	N/A	VT-3	MAG-CG-40B REVO	X			NRI VT-3
603221	JET PUMP #1 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+	N/A	VT-3	MAG-CG-40B REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BN-4 PG. 1-5)</u>									
603230	JET PUMP #2 (N2A) JET PUMP ASSEMBLIES & WELDS RX1, 38 AZ	B-N-1+	B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. X1-BN-4 PG. 2,3,4)</u>									
603240	JET PUMP #2 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 38 AZ RX1, 38 AZ	N/A+	N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1101, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO BEAM REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. X1-BN-3 PG. 1,2)</u>									
603250	JET PUMP #2 INST LINE-PENE WELD WELDS TO PENETRATION NSA RX1, 279', 105 AZ	B-N-1+	B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>									
603260	JET PUMP #2 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 38 AZ	N/A+ N/A	VT-3	MAG CG-408 REVO	X				NRI VT-3
603261	JET PUMP #2 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REVO	X				NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>									
603270	JET PUMPS 1&2 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RX1, 23 & 38 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X				NRI VT-1
603271	JET PUMPS 1&2 RISER BRACE ARM ASSEMBLY WELDS RX1, 23 & 38 AZ	N/A N/A	VT-1	MAG-CG-408 REVO	X				NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>									
603280	JET PUMP #3 (N2B) JET PUMP ASSEMBLIES & WELDS RX1, 53 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X				NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>									
603290	JET PUMP #3 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 53 AZ RX1, 53 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X				NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N 1269, 1R05 PER GE S1L NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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					O E G	R C E	P O O	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603300	JET PUMP #3 INST LINE-PENE WELD WELDS TO PENETRATION N8A RX1, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REV0	X			NRI VT-3
603310	JET PUMP #3 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 53 AZ	N/A+ N/A	VT-3	MAG-CG-40B REV0	X			NRI VT-3
603311	JET PUMP #3 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-40B REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603320	JET PUMP #4 (N2B) JET PUMP ASSEMBLIES & WELDS RX1, 68 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603330	JET PUMP #4 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 68 AZ RX1, 68 AZ	N/A+ N/A	UT-55	UT-GE-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1181, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603340	JET PUMP #4 INST LINE-PENE WELD WELDS TO PENETRATION N8A RX1, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REV0	X			NRI VT-3

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					O E G E	R C E P	E O O O	
					C	R	M	R
<u>RPV (REF. DWG. NO. XI-BW-3 PG. 1,2)</u>								
603350	JET PUMP #4 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 6B AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
603351	JET PUMP #4 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
603360	JET PUMPS 3&4 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RXI, 53 & 67 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
603361	JET PUMPS 3&4 RISER BRACE ARM ASSEMBLY WELDS RXI, 53 & 67 AZ	N/A N/A	VT-1	MAG-CG-408 REVO	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603370	JET PUMP #5 (N2C) JET PUMP ASSEMBLIES & WELDS RXI, 83 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603380	JET PUMP #5 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 83 AZ RXI, 83 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1262, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603390	JET PUMP #5 INST LINE-PENE WELD WELDS TO PENETRATION NBA RXI, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603400	JET PUMP #5 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 83 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603401	JET PUMP #5 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603410	JET PUMP #6 (N2C) JET PUMP ASSEMBLIES & WELDS RXI, 98 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603420	JET PUMP #6 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 98 AZ RXI, 98 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1113, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603430	JET PUMP #6 INST LINE-PENE WELD WELDS TO PENETRATION NBA RXI, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3

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			O E G E	R C E P	E O O O	
			C	R	M	R
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>						
603440	JET PUMP #6 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 98 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X	NRI VT-3
603441	JET PUMP #6 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REV0	X	NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>						
603450	JET PUMPS 5&6 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RX1, 83 & 97 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REV0	X	NRI VT-1
603451	JET PUMPS 5&6 RISER BRACE ARM ASSEMBLY WELDS RX1, 83 & 97 AZ	N/A N/A	VT-1	MAG-CG-408 REV0	X	NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>						
603460	JET PUMP #7 (N2D) JET PUMP ASSEMBLIES & WELDS RX1, 113 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X	NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>						
603470	JET PUMP #7 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 113 AZ RX1, 113 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X	NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1259, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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					O E G	R C E	P O O	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603480	JET PUMP #7 INST LINE-PENE WELD WELDS TO PENETRATION NBA RXI, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
603490	JET PUMP #7 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 113 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NR1 VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
603491	JET PUMP #7 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603500	JET PUMP #8 (N2D) JET PUMP ASSEMBLIES & WELDS RXI, 128 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603510	JET PUMP #8 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 128 AZ RXI, 128 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NR1 UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1266, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603520	JET PUMP #8 INST LINE-PENE WELD WELDS TO PENETRATION NBA RXI, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3

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					ITEM NO			
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603530	JET PUMP #8 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 128 AZ	N/A+ N/A		VT-3	MAG-CG-408 REV0	X		NRI VT-3
603531	JET PUMP #8 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 128 AZ	N/A+ N/A		VT-3	MAG-CG-408 REV0	X		NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
603540	JET PUMPS 7&8 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RXI, 113 & 128 AZ	B-N-2 B13.20		VT-1	MAG-CG-408 REV0	X		NRI VT-1
603541	JET PUMPS 7&8 RISER BRACE ARM ASSEMBLY WELDS RXI, 113 & 128 AZ	N/A N/A		VT-1	MAG-CG-408 REV0	X		NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603550	JET PUMP #9 (NZE) JET PUMP ASSEMBLIES & WELDS RXI, 143 AZ	B-N-1+ B13.10		VT-3	MAG-CG-408 REV0	X		NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603560	JET PUMP #9 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 143 AZ RXI, 143 AZ	N/A+ N/A		UT-55	GE-UT-500 REV 0	X		NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1258, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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		SEC. XI			O	E	G	
		CATGY			E	O	O	
		ITEM NO			C	R	M	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603570	JET PUMP #9 INST LINE-PENE WELD WELDS TO PENETRATION NBA RX1, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603580	JET PUMP #9 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 143 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603581	JET PUMP #9 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603590	JET PUMP #10 (N2E) JET PUMP ASSEMBLIES & WELDS RX1, 158 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603600	JET PUMP #10 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 158 AZ RX1, 158 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1257, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603610	JET PUMP #10 INST LINE-PENE WELD WELDS TO PENETRATION NBA RX1, 279', 105 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3

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		SEC. XI			C	E	G	
		CATGY			E	D	D	
		ITEM NO			C	R	M	R
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603620	JET PUMP #10 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 15B AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603621	JET PUMP #10 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
603630	JET PUMPS 9&10 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RX1, 143 & 157 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REV0	X			NRI VT-1
603631	JET PUMPS 9&10 RISER BRACE ARM ASSEMBLY WELDS RX1, 143 & 157 AZ	N/A N/A	VT-1	MAG-CG-408 REV0	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603640	JET PUMP #11 (N2F) JET PUMP ASSEMBLIES & WELDS RX1, 203 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603650	JET PUMP #11 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 203 AZ RX1, 203 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1276, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO AN11 INVOLVEMENT.

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		SEC. XI	EXAM		O E G E	R C E P	E O O O	
NUMBER	IDENTIFICATION	ITEM NO	METHOD		C	R	M	R
<u>RPV (REF. DWG. NO. X1-BN-3 PG. 1,2)</u>								
603660	JET PUMP #11 INST LINE-PENE WELD WELDS TO PENETRATION N8B RX1, 279', 285 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
603670	JET PUMP #11 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 203 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
603671	JET PUMP #11 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. X1-BN-4 PG. 1-5)</u>								
603680	JET PUMP #12 (N2F) JET PUMP ASSEMBLIES & WELDS RX1, 218 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. X1-BN-4 PG. 2,3,4)</u>								
603690	JET PUMP #12 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 218 AZ RX1, 218 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NR1 UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1264, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. X1-BN-3 PG. 1,2)</u>								
603700	JET PUMP #12 INST LINE-PENE WELD WELDS TO PENETRATION N8B RX1, 279', 285 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3

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					O	E	G	
					R	C	E	P
					E	O	O	O
					C	R	M	R
<u>RPV (REF. DWG. NO. X1-BN-3 PG. 1,2)</u>								
603710	JET PUMP #12 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 218 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
603711	JET PUMP #12 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
603720	JET PUMPS 11&12 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RXI, 203 & 217 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
603721	JET PUMPS 11&12 RISER BRACE ARM ASSEMBLY WELDS RXI, 203 & 217 AZ	N/A N/A	VT-1	MAG-CG-408 REVO	X			NRI VT-1
<u>RPV (REF. DWG. NO. X1-BN-4 PG. 1-5)</u>								
603730	JET PUMP #13 (N2G) JET PUMP ASSEMBLIES & WELDS RXI, 233 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. X1-BN-4 PG. 2,3,4)</u>								
603740	JET PUMP #13 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 233 AZ RXI, 233 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1265, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANI INVOLVEMENT.

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					O	E	E	
					R	C	E	P
					E	O	O	D
					C	R	M	R
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603750	JET PUMP #13 INST LINE-PENE WELD WELDS TO PENETRATION NBB RXI, 279', 285 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3
603760	JET PUMP #13 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 233 AZ	N/A+ N/A	VT-3	MAG-CG-40B REVO	X			NRI VT-3
603761	JET PUMP #13 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-40B REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603770	JET PUMP #14 (N2G) JET PUMP ASSEMBLIES & WELDS RXI, 248 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603780	JET PUMP #14 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 248 AZ RXI, 248 AZ	N/A+ N/A	UT-55	GE-UT-500 REV D	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1274, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603790	JET PUMP #14 INST LINE-PENE WELD WELDS TO PENETRATION NBB RXI, 279', 285 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>									
603800	JET PUMP #14 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 248 AZ	N/A+ N/A	VT-3	MAG-CG-40B REV0	X				NRI VT-3
603801	JET PUMP #14 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-40B REV0	X				NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>									
603810	JET PUMPS 13&14 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RXI, 233 & 248 AZ	B-N-2 B13.20	VT-1	MAG-CG-40B REV0	X				NRI VT-1
603811	JET PUMPS 13&14 RISER BRACE ARM ASSEMBLY WELDS RXI, 233 & 248 AZ	N/A N/A	VT-1	MAG-CG-40B REV0	X				NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>									
603820	JET PUMP #15 (N2H) JET PUMP ASSEMBLIES & WELDS RXI, 263 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REV0	X				NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>									
603830	JET PUMP #15 HOLD-DOWN BEAM HOLD DOWN BEAM RXI, 263 AZ RXI, 263 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X				NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1267, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603840	JET PUMP #15 INST LINE-PENE WELD WELDS TO PENETRATION N8B RX1, 279', 285 AZ	B-N-1+	B13.10	VT-3	MAG-CG-408 REVO	X		NRI VT-3
603850	JET PUMP #15 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 263 AZ	N/A+	N/A	VT-3	MAG-CG-408 REVO	X		NRI VT-3
603851	JET PUMP #15 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+	N/A	VT-3	MAG-CG-408 REVO	X		NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603860	JET PUMP #16 (N2H) JET PUMP ASSEMBLIES & WELDS RX1, 278 AZ	B-N-1+	B13.10	VT-3	MAG-CG-408 REVO	X		NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603870	JET PUMP #16 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 278 AZ	N/A+	N/A	UT-55	GE-UT-500 REV 0	X		NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E0879, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603880	JET PUMP #16 INST LINE-PENE WELD WELDS TO PENETRATION N8B RX1, 279', 285 AZ	B-N-1+	B13.10	VT-3	MAG-CG-408 REVO	X		NRI VT-3

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					O E G	R C E	P O O	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603890	JET PUMP #16 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 278 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
603891	JET PUMP #16 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
603900	JET PUMPS 15&16 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RXI, 263 & 278 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REV0	X			NRI VT-1
603901	JET PUMPS 15&16 RISER BRACE ARM ASSEMBLY WELDS RXI, 263 & 278 AZ	N/A N/A	VT-1	MAG-CG-408 REV0	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603910	JET PUMP #17 (N2J) JET PUMP ASSEMBLIES & WELDS RXI, 293 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAMS.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603920	JET PUMP #17 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 293 AZ RXI, 293 AZ	N/A+ N/A	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1263, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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					O	E	G	
					E	C	E	P
					E	O	O	O
					C	R	M	R
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603930	JET PUMP #17 INST LINE-PENE WELD WELDS TO PENETRATION N8B RXI, 279', 285 AZ	B-N-1+	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.10						
603940	JET PUMP #17 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 293 AZ	N/A+	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		N/A						
603941	JET PUMP #17 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		N/A						
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>								
603950	JET PUMP #18 (N2J) JET PUMP ASSEMBLIES & WELDS RXI, 308 AZ	B-N-1+	VT-3	MAG-CG-408 REVO	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
		B13.10						
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>								
603960	JET PUMP #18 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 308 AZ RXI, 308 AZ	N/A+	UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1280, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
		N/A						
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>								
603970	JET PUMP #18 INST LINE-PENE WELD WELDS TO PENETRATION N8B RXI, 279', 285 AZ	B-N-1+	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.10						

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>									
603980	JET PUMP #18 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RXI, 308 AZ	N/A+ N/A		VT-3	MAG-CG-408 REV0	X			NRI VT-3
603981	JET PUMP #18 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A		VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>									
603990	JET PUMPS 17&18 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RXI, 293 & 307 AZ	B-N-2 B13.20		VT-1	MAG-CG-408 REV0	X			NRI VT-1
603991	JET PUMPS 17&18 RISER BRACE ARM ASSEMBLY WELDS RXI, 293 & 307 AZ	N/A N/A		VT-1	MAG-CG-408 REV0	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>									
604000	JET PUMP #19 (N2K) JET PUMP ASSEMBLIES & WELDS RXI, 323 AZ	B-N-1+ B13.10		VT-3	MAG-CG-408 REV0	X			NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>									
604010	JET PUMP #19 HOLD DOWN BEAM HOLD DOWN BEAM RXI, 323 AZ RXI, 323 AZ	N/A+ N/A		UT-55	GE-UT-500 REV 0	X			NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/N E1260, 1R05 PER GE S1L NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.

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						O E G E	R C E P	E O O O		
						C R M R				
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>										
604020	JET PUMP #19 INST LINE-PENE WELD WELDS TO PENETRATION NBB RX1, 279', 285 AZ	B-N-1+	B13.10	VT-3	MAG-CG-408 REV0	X				NRI VT-3
604030	JET PUMP #19 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 323 AZ	N/A+	N/A	VT-3	MAG-CG-408 REV0	X				NRI VT-3
604031	JET PUMP #19 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+	N/A	VT-3	MAG-CG-408 REV0	X				NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 1-5)</u>										
604040	JET PUMP #20 (N2K) JET PUMP ASSEMBLIES & WELDS RX1, 338 AZ	B-N-1+	B13.10	VT-3	MAG-CG-408 REV0	X				NRI VT-3; ASME BASELINE EXAMINATION OF REPLACEMENT HOLD DOWN BEAM.
<u>RPV (REF. DWG. NO. XI-BN-4 PG. 2,3,4)</u>										
604050	JET PUMP #20 HOLD DOWN BEAM HOLD DOWN BEAM RX1, 338 AZ RX1, 338 AZ	N/A+	N/A	UT-55	GE-UT-500 REV 0	X				NRI UT-55; REPLACED WITH GROUP 2 BEAM, S/W E1271, 1R05 PER GE SIL NO. 330 SUPP 2. PERFORMED BASELINE UT OF LIGAMENT AREA AND VT-1 OF KEEPER TACK WELDS. VT-1 OF BEAM ARMS NOT REQUIRED DUE TO REPLACEMENT. NON-CODE EXAMINATION NO ANII INVOLVEMENT.
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>										
604070	JET PUMP #20 INST LINE WELDS & BRACKETS-SHROUD ANNULUS RX1, 338 AZ	N/A+	N/A	VT-3	MAG-CG-408 REV0	X				NRI VT-3

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				D E G E	R C E P	E O O O	
	ITEM NO			C	R	M	R
<u>RPV (REF. DWG. NO. XI-BN-3 PG. 1,2)</u>							
604071 JET PUMP #20 INST LINE WELDS & BRACKETS-SHROUD ANNULUS	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>							
604080 JET PUMPS 19&20 RISER BRACE ARM SUPPORT PAD & BRACE TO RPV WELDS RX1, 323 & 338 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
604081 JET PUMPS 19&20 RISER BRACE ARM ASSEMBLY WELDS RX1, 323 & 338 AZ	N/A N/A	VT-1	MAG-CG-408 REVO	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-14 PG. 1)</u>							
604090 LPCI COUPLING (N17A) LPCI LOOP B RX1, 298', 45 AZ	B-N-1 B13.10	VT-3	MAG-CG-408 REVO	X			NRI VT-3
604100 LPCI COUPLING (N17B) LPCI LOOP D RX1, 298', 135 AZ	B-N-1 B13.10	VT-3	MAG-CG-408 REVO	X			NRI VT-3
604110 LPCI COUPLING (N17C) LPCI LOOP A RX1, 298', 225 AZ	B-N-1 B13.10	VT-3	MAG-CG-408 REVO	X			NRI VT-3
604120 LPCI COUPLING (N17D) LPCI LOOP C RX1, 298', 315 AZ	B-N-1 B13.10	VT-3	MAG-CG-408 REVO	X			NRI VT-3

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					O E G E	R C E P	E D O O		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>									
604130	N16A INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 297', 0 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X				NRI VT-1
604140	N16B INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 297', 200 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X				NRI VT-1
604150	N16C INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 297', 100 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X				NRI VT-1
604160	N16D INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 297', 280 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X				NRI VT-1
<u>RPV (REF. DWG. NO. XI-BN-B PG. 5)</u>									
604170	A CORE SPRAY SPARGER (N5A) UPPER SPARGER ASSY. & BRKTS RX1, 273-88 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X				NRI VT-3
604180	A CORE SPRAY SPARGER (N5A) UPPER SPARGER ASSY. & BRKTS RX1, 273-88 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X				NRI VT-1
604190	A CORE SPRAY DOWNCOMER (N5A) PIPE ASSY., HDR TO SPARGER RX1, 10 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X				NRI VT-3
604200	A CORE SPRAY DOWNCOMER (N5A) PIPE ASSY., HDR TO SPARGER RX1, 10 AZ	N/A+ N/A	VT-1	MAG-CG-408 REVO	X				NRI VT-1

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					O	E	R	
		ITEM NO			C	R	M	
<u>RPV (REF. DWG. NO. XI-BN-B PG. 5)</u>								
604210	C CORE SPRAY SPARGER (N5A) UPPER SPARGER ASSY. & BRKTS RX1, 93-267 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REVO	X			NR1 VT-3
604220	C CORE SPRAY SPARGER (N5A) UPPER SPARGER ASSY. & BRKTS RX1, 93-267 AZ	N/A+ N/A	VT-1	MAG-CG-40B REVO	X			NR1 VT-1
604230	C CORE SPRAY DOWNCOMER (N5A) PIPE ASSY., HDR TO SPARGER RX1, 170 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REVO	X			NR1 VT-3
604240	C CORE SPRAY DOWNCOMER (N5A) PIPE ASSY., HDR TO SPARGER RX1, 170 AZ	N/A+ N/A	VT-1	MAG-CG-40B REVO	X			NR1 VT-3
604250	A & C CORE SPRAY HEADER (N5A) PIPE ASSY. & BRACKETS RX1, 10-170 AZ	B-N-1+ B13.10	VT-3	MAG-CG-40B REVO	X			NR1 VT-3
604260	A & C CORE SPRAY HEADER (N5A) PIPE ASSY. & BRACKETS RX1, 10-170 AZ	N/A+ N/A	VT-1	MAG-CG-40B REVO	X			NR1 VT-1
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
604270	CORE SPRAY HEADER BRACKET 15 DEG A&C HEADER BRKT POSTS & WELDS RX1, 307', 15 AZ	B-N-2 B13.30	VT-3	MAG-CG-40B REVO	X			NR1 VT-3
604290	CORE SPRAY HEADER BRACKET 165 DEG A&C HEADER BRKT POSTS & WELDS RX1, 307', 165 AZ	B-N-2 B13.30	VT-3	MAG-CG-40B REVO	X			NR1 VT-3

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					O E G E	R C E P	E O O O	
					C R M R			
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
604310	CORE SPRAY HDR BRACKET 112.5 DEG A&C RADIAL BRKT POST & WELD RXI, 306', 113 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
604330	CORE SPRAY HDR BRACKET 85.5 DEG A&C VERTICAL BRKT POST & WELD RXI, 306', 86 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. XI-BN-B PG. 5)</u>								
604350	B CORE SPRAY SPARGER (N5B) LOWER SPARGER ASSY. & BRKTS RXI, 273-88 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
604360	B CORE SPRAY SPARGER (N5B) LOWER SPARGER ASSY. & BRKTS RXI, 273-88 AZ	N/A+ N/A	VT-1	MAG-CG-408 REVO	X			NR1 VT-1
604370	B CORE SPRAY DOWNCOMER (N5B) PIPE ASSY., HDR TO SPARGER RXI, 350 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
604380	B CORE SPRAY DOWNCOMER (N5B) PIPE ASSY., HDR TO SPARGER RXI, 350 AZ	N/A+ N/A	VT-1	MAG-CG-408 REVO	X			NR1 VT-1
604390	D CORE SPRAY SPARGER (N5B) LOWER SPARGER ASSY. & BRKTS RXI, 93-267 AZ	B-N-1+ B13.10	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
604400	D CORE SPRAY SPARGER (N5B) LOWER SPARGER ASSY. & BRKTS RXI, 93-267 AZ	N/A+ N/A	VT-1	MAG-CG-408 REVO	X			NR1 VT-1

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					O E G E	R C E P	E O O O		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-BN-8 PG. 5)</u>									
604410	D CORE SPRAY DOWNCOMER (N5B) PIPE ASSY., HDR TO SPARGER RX1, 190 AZ	B-N-1+	VT-3	MAG-CG-40B REVO	X				NRI VT-3
604420	D CORE SPRAY DOWNCOMER (N5B) PIPE ASSY., HDR TO SPARGER RX1, 190 AZ	N/A+	VT-1	MAG-CG-40B REVO	X				NRI VT-1
604430	B & D CORE SPRAY HEADER (N5B) PIPE ASSY. & BRACKETS RX1, 190-350 AZ	B-N-1+	VT-3	MAG-CG-40B REVO	X				NRI VT-3
604440	B & D CORE SPRAY HEADER (N5B) PIPE ASSY. & BRACKETS RX1, 190-350 AZ	N/A+	VT-1	MAG-CG-40B REVO	X				NRI VT-1
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>									
604450	CORE SPRAY HEADER BRACKET 195 DEG B&D HEADER BRKT POSTS & WELDS RX1, 307', 195 AZ	B-N-2	VT-3	MAG-CG-40B REVO	X				NRI VT-3
604470	CORE SPRAY HEADER BRACKET 345 DEG B&D HEADER BRKT POSTS & WELDS RX1, 307', 345 AZ	B-N-2	VT-3	MAG-CG-40B REVO	X				NRI VT-3
604490	CORE SPRAY HDR BRACKET 247.5 DEG B&D RADIAL BRKT POST & WELD RX1, 306', 248 AZ	B-N-2	VT-3	MAG-CG-40B REVO	X				NRI VT-3
604510	CORE SPRAY HDR BRACKET 274.5 DEG B&D VERTICAL BRKT POST & WELD RX1, 306', 275 AZ	B-N-2	VT-3	MAG-CG-40B REVO	X				NRI VT-3

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					O E G E	R C E P	E D O O	
					C	R	M	R
<u>RPV (REF. DWG. NO. X1-BN-9 PG. 1)</u>								
604530	FEEDWATER SPARGER N4A SPARGER ASSEMBLY & (4) BRACKETS RXI, 5-55 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604550	N4A SPARGER BRACKET (5 DEG) BRACKET & WELD TO RPV RXI, 308', 5 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REV0	X			NRI VT-3
604560	N4A SPARGER BRACKET (55 DEG) BRACKET & WELD TO RPV RXI, 308', 55 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BN-9 PG. 1)</u>								
604570	FEEDWATER SPARGER N4B SPARGER ASSEMBLY & (4) BRACKETS RXI, 65-115 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604590	N4B SPARGER BRACKET (65 DEG) BRACKET & WELD TO RPV RXI, 308', 65 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REV0	X			NRI VT-3
604600	N4B SPARGER BRACKET (115 DEG) BRACKET & WELD TO RPV RXI, 308', 115 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REV0	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BN-9 PG. 1)</u>								
604610	FEEDWATER SPARGER N4C SPARGER ASSEMBLY & (4) BRACKETS RXI, 125-175 AZ	N/A+ N/A	VT-3	MAG-CG-408 REV0	X			NRI VT-3

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					O E G E	R C E P	E O O O	
					C R M R			
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604630	N4C SPARGER BRACKET (125 DEG) BRACKET & WELD TO RPV RX1, 308', 125 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3
604640	N4C SPARGER BRACKET (175 DEG) BRACKET & WELD TO RPV RX1, 308', 175 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BN-9 PG. 1)</u>								
604650	FEEDWATER SPARGER N4D SPARGER ASSEMBLY & (4) BRACKETS RX1, 185-235 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604670	N4D SPARGER BRACKET (185 DEG) BRACKET & WELD TO RPV RX1, 308', 185 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3
604680	N4D SPARGER BRACKET (235 DEG) BRACKET & WELD TO RPV RX1, 308', 235 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BN-9 PG. 1)</u>								
604690	FEEDWATER SPARGER N4E SPARGER ASSEMBLY & (4) BRACKETS RX1, 245-295 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604710	N4E SPARGER BRACKET (245 DEG) BRACKET & WELD TO RPV RX1, 308', 245 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3

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					D E G	R C E	P O O	
					C	R	M	R
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604720	N4E SPARGER BRACKET (295 DEG) BRACKET & WELD TO RPV RX1, 308', 295 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. X1-BN-9 PG. 1)</u>								
604730	FEEDWATER SPARGER N4F SPARGER ASSEMBLY & (4) BRACKETS RX1, 305-335 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604750	N4F SPARGER BRACKET (305 DEG) BRACKET & WELD TO RPV RX1, 308', 305 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
604760	N4F SPARGER BRACKET (355 DEG) BRACKET & WELD TO RPV RX1, 308', 355 AZ	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. X1-BN-12 PG. 1)</u>								
604770	SURVEIL. SPECIMEN HLDR (30 DEG) EMBRITTLMENT SAMPLE HOLDER RX1, 30 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NR1 VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604780	SURV. SPECIMEN BRKT (30 DEG LOWER) BRACKET & WELD TO RPV RX1, 290', 30 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NR1 VT-1

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					O E G E	R C E P	E O O O	
		ITEM NO			C	R	M	R
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604790	SURV. SPECIMEN BRKT (30 DEG UPPER) BRACKET & WELD TO RPV RX1, 299', 30 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
<u>RPV (REF. DWG. NO. X1-BN-12 PG. 1)</u>								
604800	SURVEIL. SPECIMEN HLDR (120 DEG) EMBRITTLEMENT SAMPLE HOLDER RX1, 120 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604810	SURV. SPECIMEN BRKT(120 DEG LWR) BRACKET & WELD TO RPV RX1, 290', 120 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
604820	SURV. SPECIMEN BRKT(120 DEG UPR) BRACKET & WELD TO RPV RX1, 299', 120 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
<u>RPV (REF. DWG. NO. X1-BN-12 PG. 1)</u>								
604830	SURVEIL. SPECIMEN HLDR (300 DEG) EMBRITTLEMENT SAMPLE HOLDER RX1, 300 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604840	SURV. SPECIMEN BRKT(300 DEG LWR) BRACKET & WELD TO RPV RX1, 290', 300 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1
604850	SURV. SPECIMEN BRKT(300 DEG UPR) BRACKET & WELD TO RPV RX1, 299', 300 AZ	B-N-2 B13.20	VT-1	MAG-CG-408 REVO	X			NRI VT-1

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					O	E	C	
					E	D	O	
					C	R	M	
<u>RPV (REF. DWG. NO. XI-BE-1 PG. 1)</u>								
604860	N11A INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 309', 10 AZ	B-N-2	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.30						
604870	N11B INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 309', 200 AZ	B-N-2	VT-3	MAG-CG-408 REVO				NRI VT-3
		B13.30						
604880	N12A INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 316', 0 AZ	B-N-2	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.30						
604890	N12B INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 316', 200 AZ	B-N-2	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.30						
604900	N12C INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 316', 100 AZ	B-N-2	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.30						
604910	N12D INTERIOR ATTACHMENT INSTRUMENTATION NOZZLE RX1, 316', 280 AZ	B-N-2	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.30						
<u>RPV (REF. DWG. NO. XI-BN-11 PG. 1)</u>								
604920	GUIDE ROD (0 DEG) ROD, BRACKET & ROD FLANGE RX1, 0 AZ	N/A+	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		N/A						
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
604930	GUIDE ROD (0 DEG) BRACKET & WELD TO RPV RX1, 328', 0 AZ	B-N-2+	VT-3	MAG-CG-408 REVO	X			NRI VT-3
		B13.30						

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<u>RPV (REF. DWG. NO. XI-BN-11 PG. 1)</u>								
604940	GUIDE ROD (180 DEG) ROD, BRACKET & ROD FLANGE RX1, 180 AZ	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
604950	GUIDE ROD (180 DEG) BRACKET & WELD TO RPV RX1, 32B', 180 AZ	B-N-2+ B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-1 PG. 1,2)</u>								
604960	STEAM DRYER DRYER ASSY. WELDS, SURFACE & LUGS FF, 352', 700	N/A+ N/A	VT-3	MAG-CG-408 REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. XI-BN-1 PG. 1)</u>								
604961	STEAM DRYER DRAIN CHANNEL WELDS DRAIN CHANNEL ATT WELDS, VRT & HOR12	N/A± N/A	VT-1	MAG-CG-408 REVO	X			NRI VT-1
<u>RPV (REF. DWG. NO. XI-BNN PG. 1)</u>								
604970	STEAM DRYER BRACKET (4 DEG) SUPPORT BRACKET & WELD TO RPV RX1, 31B', 4 A2	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3
604980	STEAM DRYER BRACKET (94 DEG) SUPPORT BRACKET & WELD TO RPV RX1, 31B', 94 A2	B-N-2 B13.30	VT-3	MAG-CG-408 REVO	X			NRI VT-3

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					O E G E	R C E P	E O O O	
					C	R	M	R
<u>RPV (REF. DWG. NO. X1-BNN PG. 1)</u>								
604990	STEAM DRYER BRACKET (184 DEG) SUPPORT BRACKET & WELD TO RPV RX1, 318', 184 A2	B-N-2 B13.30	VT-3	MAG-CG-40B REVO	X			NRI VT-3
605000	STEAM DRYER BRACKET (274 DEG) SUPPORT BRACKET & WELD TO RPV RX1, 318', 274 A2	B-N-2 B13.30	VT-3	MAG-CG-40B REVO	X			NRI VT-3
<u>RPV (REF. DWG. NO. X1-BN-1 PG. 3)</u>								
605010	STEAM DRYER BRACKET (41.5 DEG) HOLD DOWN BRACKET & WELD TO RPV FF, 352', 700	B-N-2 B13.30	VT-3	MAG-CG-401 REV1	X			NRL VT-3; MINOR SURFACE RUST.
605020	STEAM DRYER BRACKET (138.5 DEG) HOLD DOWN BRACKET & WELD TO RPV FF, 352', 700	B-N-2 B13.30	VT-3	MAG-CG-401 REV1	X			NRL VT-3; MINOR SURFACE RUST.
605030	STEAM DRYER BRACKET (221.5 DEG) HOLD DOWN BRACKET & WELD TO RPV FF, 352', 700	B-N-2 B13.30	VT-3	MAG-CG-401 REV1	X			NRL VT-3; MINOR SURFACE RUST.
605040	STEAM DRYER BRACKET (318.5 DEG) HOLD DOWN BRACKET & WELD TO RPV FF, 352', 700	B-N-2 B13.30	VT-3	MAG-CG-401 REV1	X			NRL VT-3; MINOR SURFACE RUST.
<u>RPV (REF. DWG. NO. X1-BN-7 PG. 1)</u>								
605070	TOP GUIDE ASSEMBLY WELDS & SURFACES RX1, 298' RX1, 298'	B-N-1 B13.10	VT-3	MAG-CG-40B REVO	X			NRI VT-3; EXAMINED TOP SURFACES AND ACCESSIBLE SURFACES AT CORE LOCATIONS 14-31, 22-31, 22-39, 30-15, 30-47, 38-23, 38-39, 46-31 IN CONJUNCTION WITH CRB REPLACEMENT.

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						O E G E	R C E P	E O O O	
						C	R	M	
<u>RPV (REF. DWG. NO. XI-BN-7 PG. 1)</u>									
605080	TOP GUIDE RADIAL RESTRAINT 32 WEDGES, BOLTS, & KEEPERS RX1, 298'	B-N-1 B13.10		VT-3	MAG-CG-408 REVO	X			NRI VT-3
605081	TOP GUIDE ASSEMBLY WELDS & SURFACES RX1, 298' RX1, 298'	N/A N/A		VT-1	MAG-CG-408 REVO	X			NRI VT-1; EXAMINED ACCESSIBLE SURFACES FROM BELOW THE TOP GUIDE AT CORE LOCATIONS 14-31, 22-23, 22-39, 30-15, 30-47, 38-23, 38-39, 46-31 IN CONJUNCTION WITH CRB REPLACEMENT.
<u>RPV (REF. DWG. NO. XI-BN-7 PG. 4)</u>									
605110	ORIFICED FUEL SUPPORT (185) 185 CASTINGS BY CORE POSITION RX1, 284'	B-N-1 P13.10		VT-3	MAG-CG-408 REVO	X			NRI VT-3; EXAMINED FUEL SUPPORT PIECE FROM CORE LOCATION 30-15 IN CONJUNCTION WITH FUEL MAINTENANCE.
<u>RPV (REF. DWG. NO. XI-BN-5 PG. 1)</u>									
605130	INCORE DRY TUBES 55 DRY TUBES BY CORE POSITION RX1, 297' RX1, 297'	B-N-1+ B13.10		VT-3	MAG-CG-408 REVO	X			NRI VT-3; PARTIAL EXAMINATION OF IRM 24-37 FROM CORE LOCATION 22-39 AND SRM 40-21 FROM CORE LOCATION 38-23 IN CONJUNCTION WITH CRB REPLACEMENT.
<u>RPV (REF. DWG. NO. XI-BE-5 PG. 1)</u>									
605131	INCORE DRY TUBES 4 SRM AND 8 IRM DRY TUBES RX1, 297' RX1, 297'	N/A+ N/A		VT-1	MAG-CG-408 REVO	X			NRI VT-1; PARTIAL EXAMINATION OF IRM 24-37 FROM CORE LOCATION 22-39 AND SRM 40-21 FROM CORE LOCATION 38-23 IN CONJUNCTION WITH CRB REPLACEMENT.
<u>RPV (REF. DWG. NO. XI-BN-6 PG. 1-3)</u>									
605170	CONTROL ROD ASSEMBLIES (185) 185 RODS BY CORE POSITION RX1, 284'-298' RX1, 284'-298'	B-N-1 B13.10		VT-3	MAG-CG-401 REVO	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATION OF REPLACEMENT CRB'S FOR CORE LOCATIONS 14-31, 22-23, 22-39, 30-15, 30-47, 38-23, 38-39, 46-31. EXAMINATIONS PERFORMED DURING RECEIPT INSPECTION PRIOR TO INSTALLATION IN THE RPV.

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					D E G	R C E P	E O O D		
					C	R	M	R	
<u>RPV (REF. DWG. NO. XI-BN-6 PG. 1)</u>									
605180	CONTROL ROD DRIVE ASSY'S (185) 185 GUIDE TUBES & CRD HOUSINGS RXI, 266'-284' RXI, 266'-284'	B-N-2 B13.40	VT-3	NDE-7	REV1	X			NRI VT-3; PERFORMED ASME BASELINE EXAMINATION OF REPLACEMENT CRD'S FOR CORE LOCATIONS 02-43, 10-19, 10-39, 14-39, 18-23, 18-39, 20-35, 26-27, 26-31, 30-47, 34-31, 34-47, 38-19, 38-35, 38-41, 42-15, 42-55, 50-43, 54-19, 58-31.
<u>RPV (REF. DWG. NO. XI-FA-2 PG. 1-3)</u>									
605440	RPV STABILIZER (225 DEG) STABILIZER ASSEMBLY & BRACKETS 15C, 313', 400/225	F-A F1.40	VT-3	MAG-CG-407	REV0	X			NRI VT-3
<u>ESW (REF. DWG. NO. HBC-152-1)</u>									
712230	HBC-152-H001A MECHANICAL SNUBBER 12 ,201,207	N/A+ N/A	VT-3	MAG-CG-407	REV1	X			NRI VT-3; RPLACED PSA 1 WITH PSA 3 SNUBBER. ASME BASELINE EXAMINATION PER MOD P00058.
<u>(REF. DWG. NO. ST-4 INDEX)</u>									
800000	REACTOR COOLANT PRESSURE BOUNDARY CLASS 1	B-P B15.10	VT-2	ST-4-041-950-1		X			NRI VT-2
800010	MAIN STEAM CLASS 2	C-H C7.30	VT-2	ST-4-001-950-1		X			NRI VT-2
800020	A ESW LOOP CLASS 3	D-B D2.10	VT-2	ST-4-011-951-1		X			NRI VT-2

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800030 B ESW LOOP CLASS 3	D-B D2.10	VT-2	ST-4-011-952-1	X		NRI VT-2
800040 A ESW & RHRSW BURIED PIPE CLASS 3	D-B D2.10	VT-2	ST-4-011-953-1	X		NRI VT-2
800050 B ESW & RHRSW BURIED PIPE CLASS 3	D-B D2.10	VT-2	ST-4-011-954-1	X		NRI VT-2
800060 C ESW PUMP CLASS 3	D-B D2.10	VT-2	ST-4-011-955-1	X		NRI VT-2
800070 D ESW PUMP CLASS 3	D-B D2.10	VT-2	ST-4-011-956-1	X		NRI VT-2
800080 1A RHRSW UNIT 1 CLASS 3	D-B D2.10	VT-2	ST-4-012-950-1	X		NRI VT-2
800090 1B RHRSW UNIT 1 CLASS 3	D-B D2.10	VT-2	ST-4-012-951-1	X		NRI VT-2
800100 1A RHRSW LOOP CLASS 3	D-B D2.10	VT-2	ST-4-012-951-0	X		NRI VT-2

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<u>(REF. DWG. NO. ST-4 INDEX)</u>						
800110 1B RHRSW LOOP CLASS 3	D-B D2.10	VT-2 ST-4-012-952-0	X			NR1 VT-2
800120 1A RHRSW PUMP CLASS 3	D-B D2.10	VT-2 ST-4-012-955-0	X			NR1 VT-2
800130 1B RHRSW PUMP CLASS 3	D-B D2.10	VT-2 ST-4-012-956-0	X			NR1 VT-2
800140 1C RHRSW PUMP CLASS 3	D-B D2.10	VT-2 ST-4-012-957-0	X			NR1 VT-2
800150 1D RHRSW PUMP CLASS 3	D-B D2.10	VT-2 ST-4-012-958-0	X			NR1 VT-2
800160 1A RHRSW SPRAY NETWORK CLASS 3	D-B D2.10	VT-2 ST-4-012-960-0	X			NR1 VT-2
800170 1B RHRSW SPRAY NETWORK CLASS 3	D-B D2.10	VT-2 ST-4-012-961-0	X			NR1 VT-2
800180 1C RHRSW SPRAY NETWORK CLASS 3	D-B D2.10	VT-2 ST-4-012-962-0	X			NR1 VT-2

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<u>(REF. DWG. NO. ST-4 INDEX)</u>				
800190 1D RHRSW SPRAY NETWORK CLASS 3	D-B D2.10	VT-2 ST-4-012-963-0	X	NRI VT-2
800200 RLCW CLASS 2	C-H C7.30	VT-2 ST-4-013-950-1	X	NRI VT-2
800210 D11 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2 ST-4-020-951-1	X	NRI VT-2
800220 D11 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2 ST-4-020-961-1	X	NRI VT-2
800225 D11 DIESEL AUXILIARY SYSTEMS CLASS 3	D-A D1.10	VT-2 ST-4-092-961-1	X	NRI VT-2
800230 D12 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2 ST-4-020-952-1	X	NRI VT-2
800240 D12 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2 ST-4-020-962-1	X	NRI VT-2
800245 D12 DIESEL AUXILIARY SYSTEMS CLASS 3	D-A D1.10	VT-2 ST-4-092-962-1	X	NRI VT-2

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					O E G E	R C E P	E O O O	
					C R M R			
<u>(REF. DWG. NO. ST-4 INDEX)</u>								
800250	D13 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2	ST-4-020-953-1	X			NRI VT-2
800260	D13 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2	ST-4-020-963-1	X			NRI VT-2
800265	D13 DIESEL AUXILIARY SYSTEMS CLASS 3	D-A D1.10	VT-2	ST-4-092-963-1	X			NRI VT-2
800270	D14 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2	ST-4-020-954-1	X			NRI VT-2
800280	D14 DIESEL FUEL OIL TRANSFER CLASS 3	D-A D1.10	VT-2	ST-4-020-964-1	X			NRI VT-2
800285	D14 DIESEL AUXILIARY SYSTEMS CLASS 3	D-A D1.10	VT-2	ST-4-092-964-1	X			NRI VT-2
800300	INSTRUMENT TUBING & SUPP POOL CLN-UP CLASS 2 & 3	C-H C7.30	VT-2	ST-4-042-951-1	X			NRI VT-2
800310	CRD HCU EAST BANK CLASS 2	C-H C7.30	VT-2	ST-4-047-952-1	X			NRI VT-2

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			O E G E	R C E P	E O O O	
			C	R	M	R
<u>(REF. DWG. NO. ST-4 INDEX)</u>						
800320 CRD HCU WEST BANK CLASS 2	C-H C7.30	VT-2 ST-4-047-953-1	X			NR1 VT-2
800330 STANDBY LIQUID CONTROL CLASS 2	C-H C7.30	VT-2 ST-4-048-950-1	X			NR1 VT-2
800340 STANDBY LIQUID CONTROL CLASS 2	C-H C7.30	VT-2 ST-4-048-951-1	X			NR1 VT-2
800350 STANDBY LIQUID CONTROL CLASS 2	C-H C7.30	VT-2 ST-4-048-952-1	X			NR1 VT-2
800360 RCIC CLASS 2	C-H C7.30	VT-2 ST-4-049-950-1	X			NR1 VT-2
800370 RCIC CLASS 2	C-H C7.30	VT-2 ST-4-049-951-1	X			NR1 VT-2
800380 RHR A LOOP CLASS 2	C-H C7.30	VT-2 ST-4-051-951-1	X			NR1 VT-2
800390 RHR B LOOP CLASS 2	C-H C7.30	VT-2 ST-4-051-952-1	X			NR1 VT-2

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					D E G E	R C E P	E O O O	
					C R M R			
<u>(REF. DWG. NO. ST-4 INDEX)</u>								
800400	RHR C LOOP CLASS 2	C-H C7.30	VT-2	ST-4-051-953-1	X			NRI VT-2
800410	RHR D LOOP CLASS 2	C-H C7.30	VT-2	ST-4-051-954-1	X			NRI VT-2
800420	RHR SHUTDOWN COOLING CLASS 2	C-H C7.30	VT-2	ST-4-051-955-1	X			NRI VT-2
800430	CORE SPRAY A & C LOOPS CLASS 2	C-H C7.30	VT-2	ST-4-052-951-1	X			NRI VT-2
800440	CORE SPRAY B & D LOOPS CLASS 2	C-H C7.30	VT-2	ST-4-052-952-1	X			NRI VT-2
800450	CS SAFEGUARD PIPING FILL CLASS 2	C-H C7.30	VT-2	ST-4-052-953-1	X			NRI VT-2
800460	FUEL POOL COOLING CLASS 3	D-C D3.10	VT-2	ST-4-053-951-1	X			NRI VT-2
800470	HPCI CLASS 2	C-H C7.30	VT-2	ST-4-055-950-1	X			NRI VT-2

DATE: 05/25/94
REVISION: 0

LIMERICK GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY REPORT
FIRST INTERVAL, THIRD PERIOD, FIRST OUTAGE (94RF)
CLASS COMPLETED COMPONENTS

PAGE: 107

SUMMARY EXAMINATION AREA		ASME			N	R	R	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	ITEM NO	METHOD	PROCEDURE	REMARKS

(REF. DWG. NO. ST-4 INDEX)

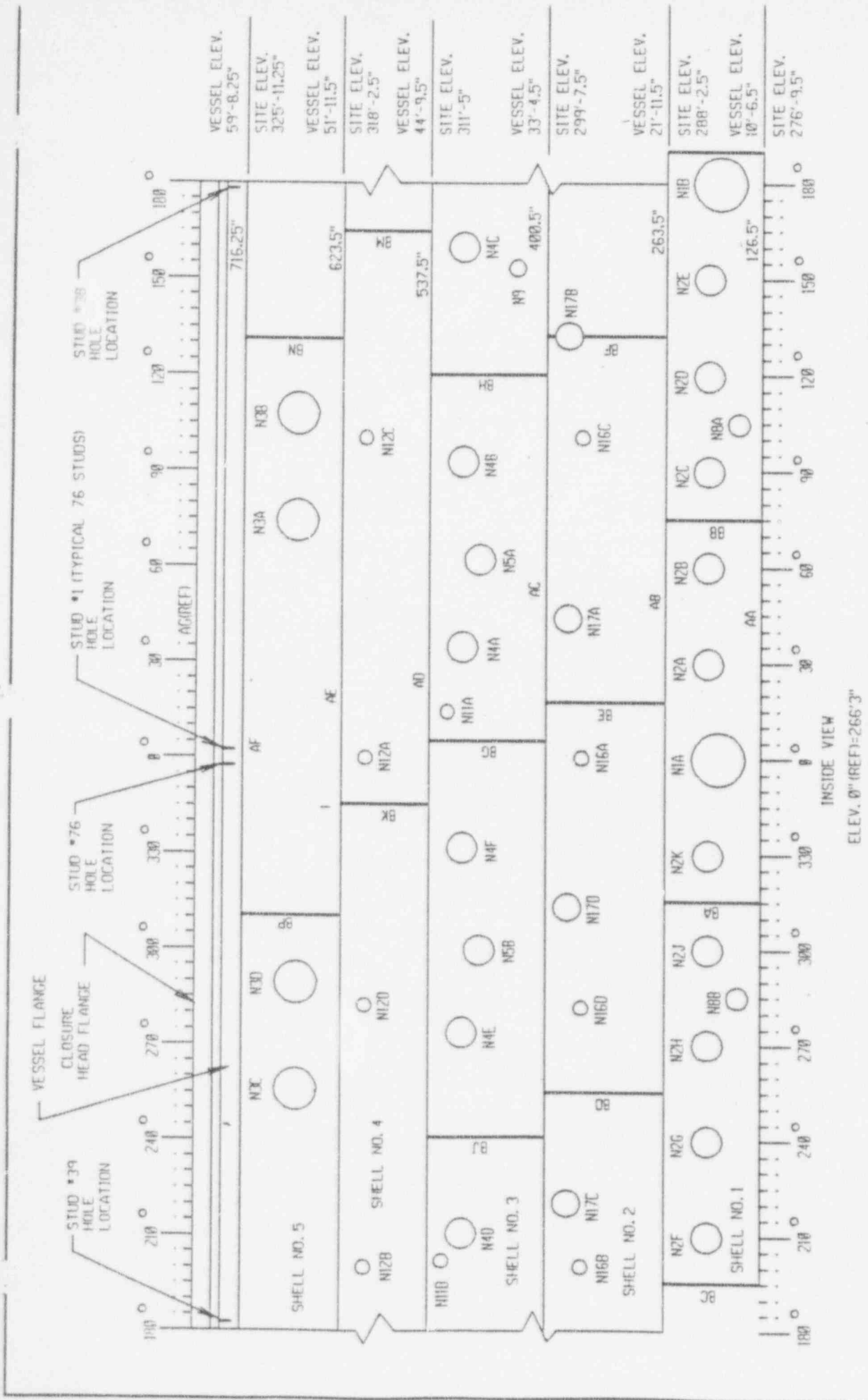
800480	HPC1			VT-2		ST-4-055-951-1	X	NRI VT-2
	CLASS 2	C-H						
		C7.30						

LIMERICK GENERATING STATION
UNIT 1
SUMMARY REPORT
FOR THE
JULY 9, 1992 TO MARCH 11, 1994
PERIODIC INSERVICE INSPECTION

REPORT N° 5

ATTACHMENT 2

REFERENCE DRAWINGS
CLASS 1 AND 2 COMPONENTS



PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2 NOT FOR CONSTRUCTION PAGE 1 OF 4

ISSUED FOR 1ST INSP. INTERVAL. BY: [Signature] DATE: 10/15/69 UNIT: [Symbol]

DESIGNED BY: [Signature] CHECKED BY: [Signature] DRAWN BY: [Signature] REVISIONS: [Table]

WELD IDENTIFICATION (RPV SHELL) UNIT 1

JOB NO: 8031 UNIT NO: XI-RPV-1

NOTE: SEE XI-RPV-1 FIG. 2 FOR AZIMUTH AND ELEVATION TABLES.

ELEV. 0" (REF)=266'3"

REACTOR PRESSURE VESSEL

INSIDE VIEW

NOZZLE LOCATION

NOZZLE	VESSEL ELEVATION	AZIMUTH	DESCRIPTION
N1A	13'-5.5"	0°	RECIRCULATION OUTLET
N1B	13'-5.5"	180°	RECIRCULATION OUTLET
N2A	15'-1"	30°	RECIRCULATION INLET
N2B	15'-1"	60°	RECIRCULATION INLET
N2C	15'-1"	90°	RECIRCULATION INLET
N2D	15'-1"	120°	RECIRCULATION INLET
N2E	15'-1"	150°	RECIRCULATION INLET
N2F	15'-1"	210°	RECIRCULATION INLET
N2G	15'-1"	240°	RECIRCULATION INLET
N2H	15'-1"	270°	RECIRCULATION INLET
N2J	15'-1"	300°	RECIRCULATION INLET
N2K	15'-1"	330°	RECIRCULATION INLET
N3A	54'-10.5"	72°	MAIN STEAM
N3B	54'-10.5"	108°	MAIN STEAM
N3C	54'-10.5"	252°	MAIN STEAM
N3D	54'-10.5"	288°	MAIN STEAM
N4A	41'-6.5"	30°	FEEDWATER
N4B	41'-6.5"	90°	FEEDWATER
N4C	41'-6.5"	150°	FEEDWATER
N4D	41'-6.5"	210°	FEEDWATER
N4E	41'-6.5"	270°	FEEDWATER
N4F	41'-6.5"	330°	FEEDWATER
N5A	40'-4.5"	60°	CORE SPRAY
N5B	40'-4.5"	300°	CORE SPRAY
N6A	12'-8"	105°	JET PUMP INSTRUMENTATION
N6B	12'-8"	285°	JET PUMP INSTRUMENTATION
N9	37'-4.5"	146°	CONTROL ROD DRIVE
N17A	31'-0.5"	45°	LOW PRESSURE COOLING INJ.
N17B	31'-0.5"	135°	LOW PRESSURE COOLING INJ.
N17C	31'-0.5"	225°	LOW PRESSURE COOLING INJ.
N17D	31'-0.5"	315°	LOW PRESSURE COOLING INJ.

VERTICAL WELD LOCATION

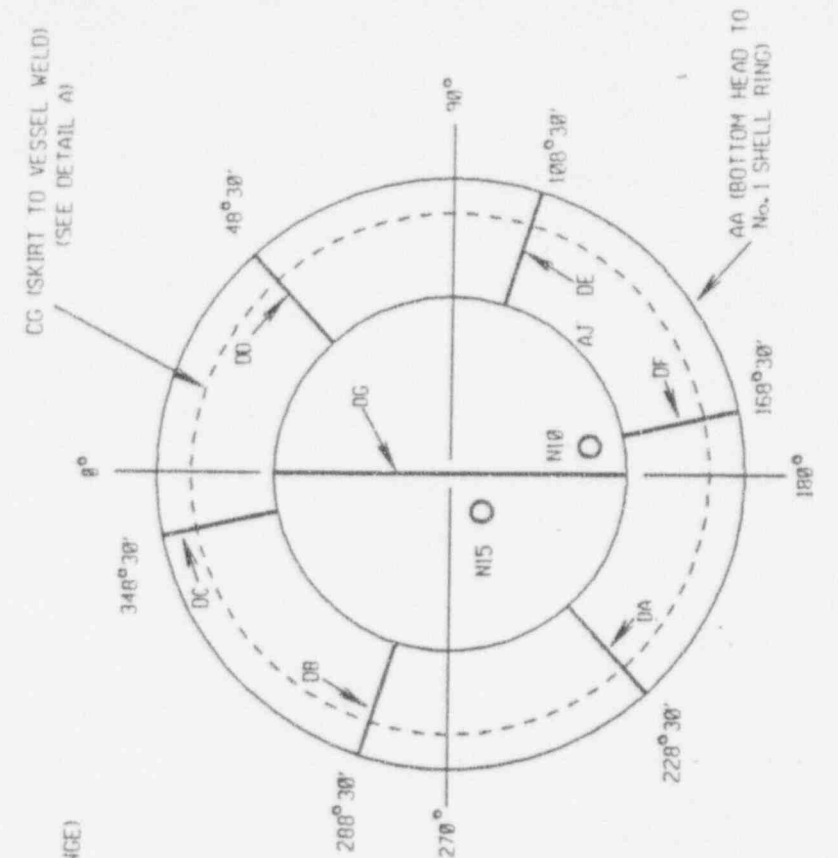
NO.	AZIMUTH	SHELL COURSE	VESSEL ELEVATION TO VESSEL ELEVATION
BA	317° 30'	1	10'-6.5" TO 21'-11.5"
BB	77° 30'	1	10'-6.5" TO 21'-11.5"
BC	197° 30'	1	10'-6.5" TO 21'-11.5"
BD	255°	2	21'-11.5" TO 33'-4.5"
BE	15°	2	21'-11.5" TO 33'-4.5"
BF	135°	2	21'-11.5" TO 33'-4.5"
BG	0°	3	33'-4.5" TO 44'-9.5"
BH	120°	3	33'-4.5" TO 44'-9.5"
BJ	240°	3	33'-4.5" TO 44'-9.5"
BK	345°	4	44'-9.5" TO 51'-11.5"
BM	165°	4	44'-9.5" TO 51'-11.5"
BN	130°	5	51'-11.5" TO 59'-8.25"
BP	310°	5	51'-11.5" TO 59'-8.25"

CIRCUMFERENTIAL WELD LOCATION

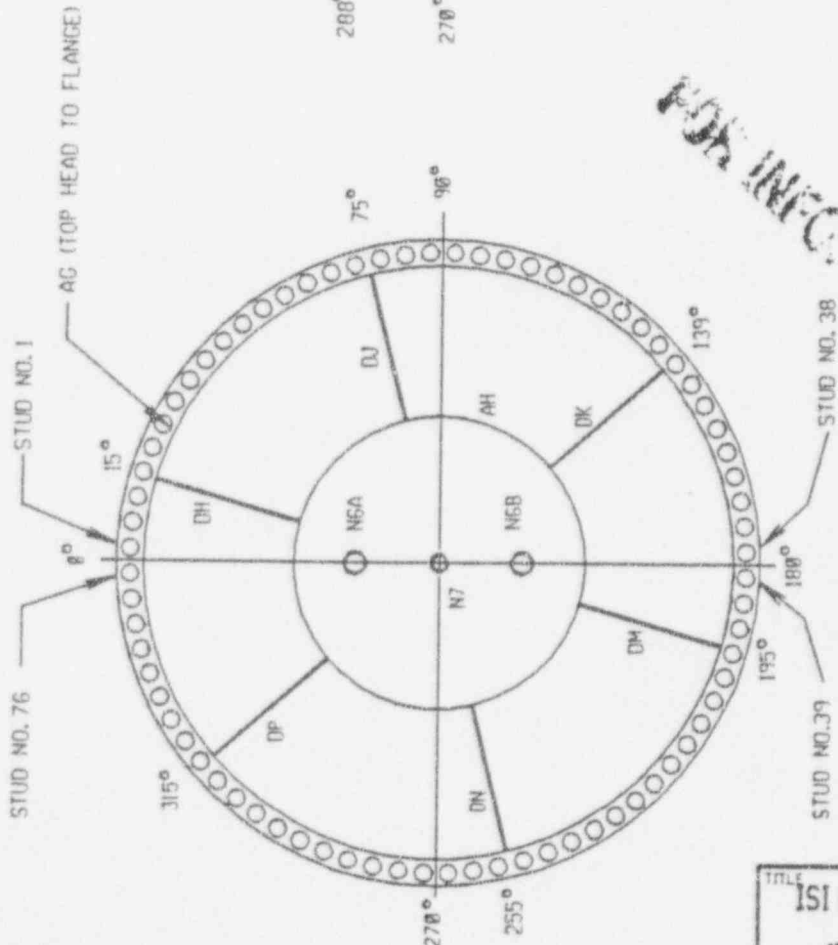
NO.	SITE ELEV.	VESSEL ELEV.
AA	276'-9.5"	10'-6.5"
AB	288'-2.5"	21'-11.5"
AC	299'-7.5"	33'-4.5"
AD	311'-0.5"	44'-9.5"
AE	318'-2.5"	51'-11.5"
AF	325'-11.25"	59'-8.25"
(VESSEL FLANGE)	328'-4"(REF)	62'-1"(REF)

TITLE
 ISI DRAWING - REACTOR BUILDING
 WELD IDENTIFICATION (RPV SHELL)
 UNIT 1

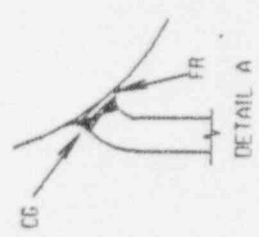
REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISS ENG	DRWR	SIN	PROJ ENG	DECO	APP	JOB NO	TASK NO	REV
	10/5/89		PSI	ASMAN	RC	File	W	W	W	W	8031	XI-RPV-1	0



PLAN VIEW
INSIDE BOTTOM HEAD ASSEMBLY



PLAN VIEW
OUTSIDE TOP HEAD ASSEMBLY



DETAIL A

FOR INFORMATION ONLY

TITLE
ISI DRAWING - REACTOR BUILDING
WELD IDENTIFICATION
(RPV TOP AND BOTTOM HEAD)
UNIT 1

Rec'd
11-11-89

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PROJ/ENG	PECC. APPR	JOB NO	DWG NO	REV
	10/5/89		FOR	TR	RC	FLK	SDM	RF	8031	XI-RPV-1	0

MERIDIAN WELD LOCATIONS
TOP AND BOTTOM HEAD

WELD	AZIMUTH	DESCRIPTION
DA	228° 30'	BOTTOM HEAD
DB	288° 30'	BOTTOM HEAD
DC	348° 30'	BOTTOM HEAD
DD	48° 30'	BOTTOM HEAD
DE	108° 30'	BOTTOM HEAD
DF	168° 30'	BOTTOM HEAD
DG	15°	BOTTOM HEAD
DH	15°	TOP HEAD
DJ	75°	TOP HEAD
DK	139°	TOP HEAD
DM	195°	TOP HEAD
DN	255°	TOP HEAD
DP	315°	TOP HEAD

TOP HEAD

NOZZLE	ELEV.	AZIMUTH	DESCRIPTION
N6A	48.00R ON TOP HEAD	359°58'	HEAD SPRAY
N6B	48.00R ON TOP HEAD	180°25'	SPARE
N7	TDC	TDC	VENT

CIRCUMFERENTIAL WELD LOCATION
TOP AND BOTTOM HEAD

NO.	SITE ELEV.	VESSEL ELEV.	DESCRIPTION
FR/CG	272'-3.5"	6'-5"	SKIRT-TO-VESSEL BOTTOM HEAD
AJ	270'	3'-9"	BOTTOM HEAD DOLLAR PLATE
AG (HEAD FLANGE)	330'-11.5"	64'-8.5"	TOP HEAD SIDE PLATE TO FLANGE
AH	336'-4"	70'-1"	TOP HEAD DOLLAR PLATE
BOTTOM HEAD (INSIDE SURFACE)	266'-3"	0'-8"	

INSTRUMENT NOZZLE LOCATIONS
RPV SHELL AND BOTTOM HEAD

NOZZLE	AZIMUTH	DESCRIPTION
N10	176° 11'	CORE DP/SLC
N11A	10° 5'	INSTRUMENTATION
N11B	200° 11'	INSTRUMENTATION
N12A	0° 7'	INSTRUMENTATION
N12B	200° 13'	INSTRUMENTATION
N12C	99° 54'	INSTRUMENTATION
N12D	200° 15'	INSTRUMENTATION
N15	225°	RPV DRAIN
N16A	359° 58'	INSTRUMENTATION
N16B	200° 13'	INSTRUMENTATION
N16C	99° 59'	INSTRUMENTATION
N16D	279° 59'	INSTRUMENTATION

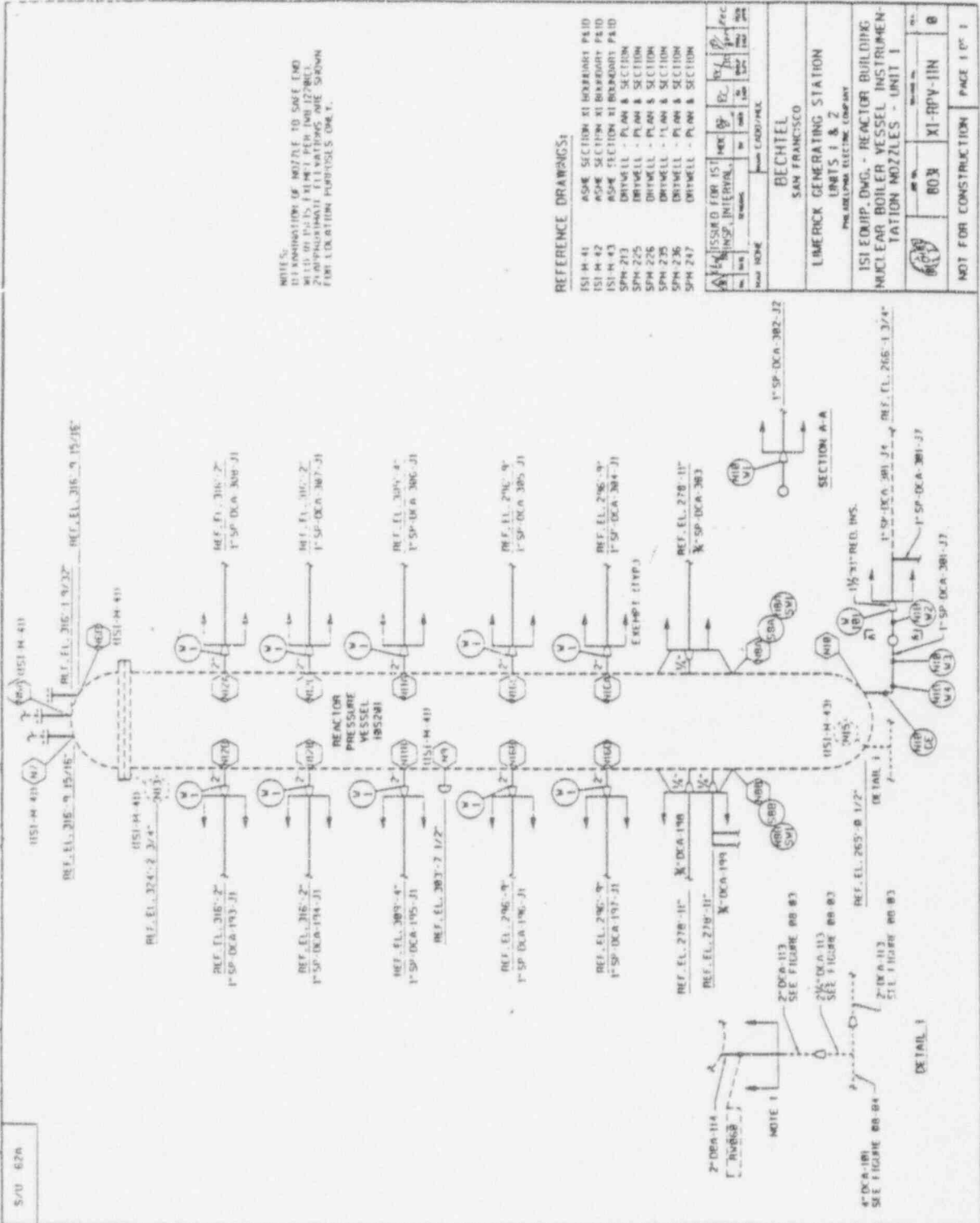
REACTOR BUILDING WELD IDENTIFICATION UNIT 1

Rec'd
10/5/69

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP	SUP	PROV/ENG	PECC. APPR	JOB NO	DWG NO	REV
	10/5/69		POS	TP	RC	PLG			RS	8031	XI-RPV-1	0

TITLE
ISI DRAWING - REACTOR BUILDING
WELD IDENTIFICATION
(RPV TOP AND BOTTOM HEAD)
UNIT 1

S/10 626



NOTE 5:
 1) ADMINISTRATION OF NOZZLES TO SAFE END
 2) ADMINISTRATION OF NOZZLES TO DANGER END
 3) ADMINISTRATION OF NOZZLES TO WATERING RATE STATION
 4) ADMINISTRATION OF NOZZLES TO UNIT 1

REFERENCE DRAWINGS:

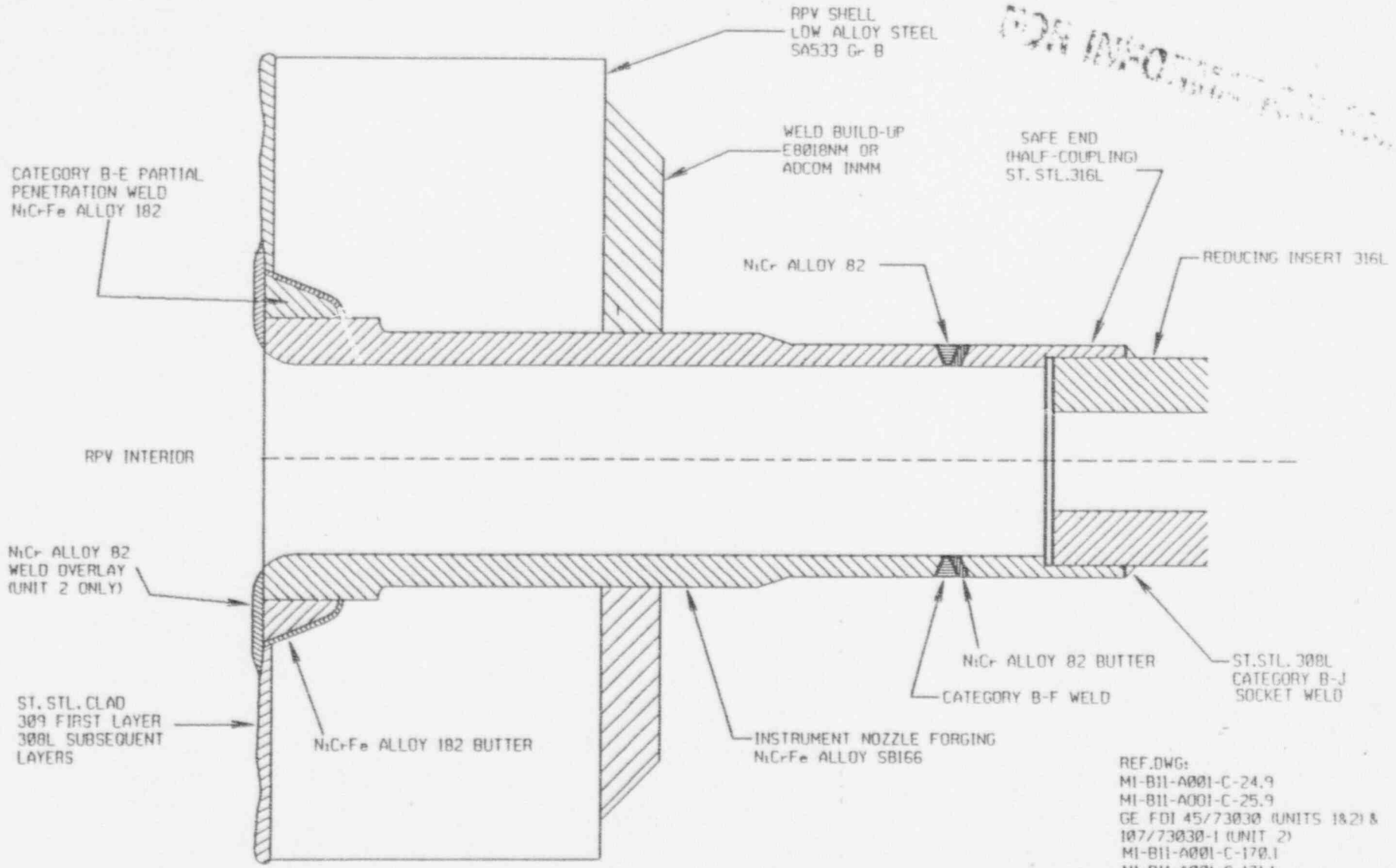
ISI-H-41	ASME SECTION XI BOUNDARY FIELD
ISI-H-42	ASME SECTION XI BOUNDARY FIELD
ISI-H-43	ASME SECTION XI BOUNDARY FIELD
SPM-223	DRYWELL - PLAN & SECTION
SPM-225	DRYWELL - PLAN & SECTION
SPM-226	DRYWELL - PLAN & SECTION
SPM-228	DRYWELL - PLAN & SECTION
SPM-236	DRYWELL - PLAN & SECTION
SPM-247	DRYWELL - PLAN & SECTION

ISSUED FOR 151		REV	BY	DATE	REASON
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BECHTEL
 SAN FRANCISCO
 LIMEBRICK GENERATING STATION
 UNITS 1 & 2
 PNEUMONIC ELECTRIC EQUIPMENT
 151 EQUIP. DWG. - REACTOR BUILDING
 NUCLEAR BOILER VESSEL INSTRUMENTATION NOZZLES - UNIT 1

NOT FOR CONSTRUCTION PAGE 1 OF 1

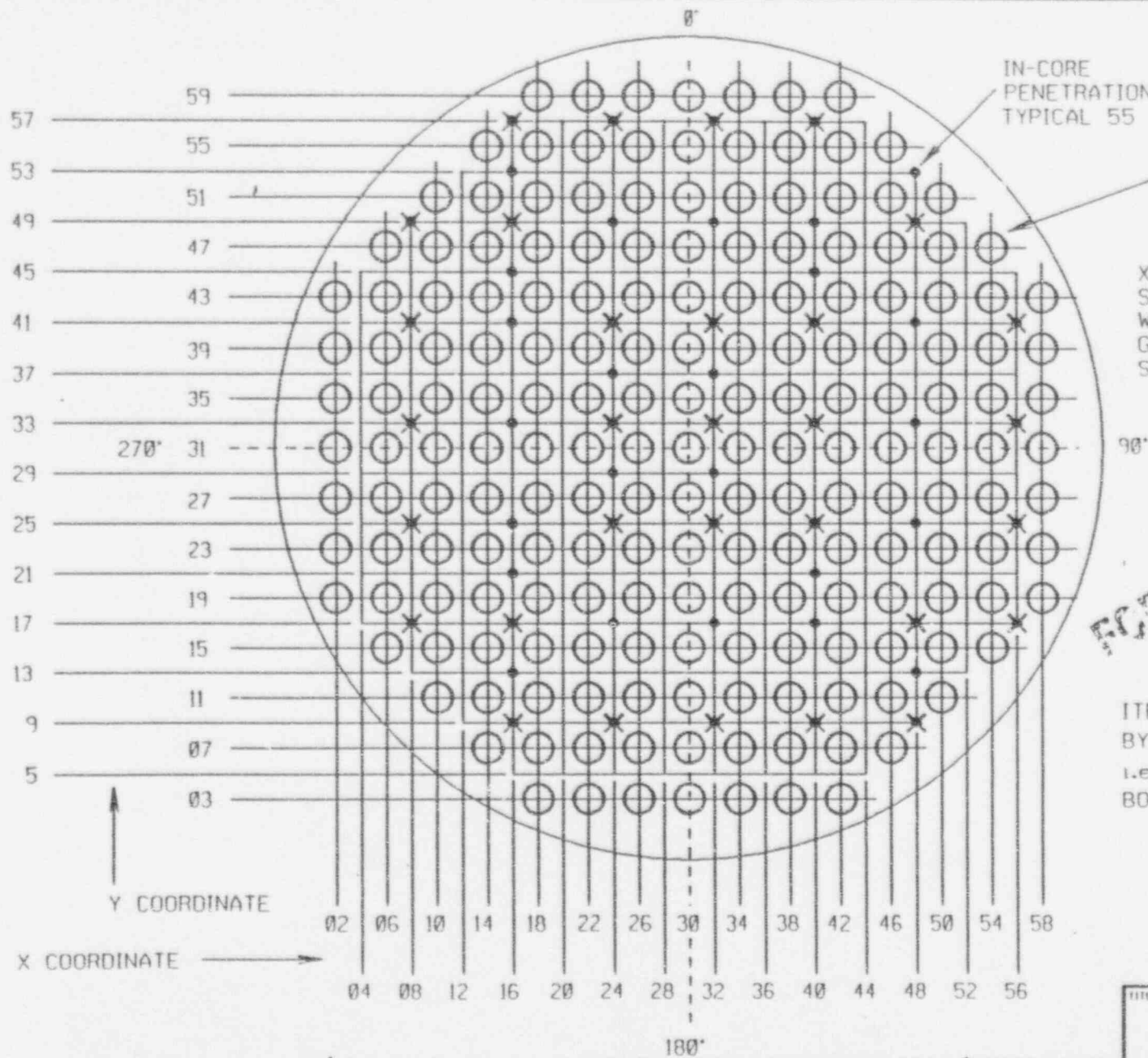
FOR INFO



REF. DWG:
 MI-B11-A001-C-24.9
 MI-B11-A001-C-25.9
 GE FDI 45/73030 (UNITS 1&2) &
 107/73030-1 (UNIT 2)
 MI-B11-A001-C-170.1
 MI-B11-A001-C-171.1

TITLE
 ISI DRAWING - REACTOR BUILDING
 INSTRUMENT NOZZLE N11, N12 AND N16

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SVP	PROJ. ENG	PECO APPR	JOB NO	DWG NO	REV
10-11-87	10/5/87		LMH	TPB	RC	FLY	BUM	RSE	8031	XI-BE-1	0



IN-CORE PENETRATION TYPICAL 55

CRD PENETRATION TYPICAL 185

X MARKS LOCATIONS WHERE STABILIZER BRACKETS ARE WELDED TO THE INCORE GUIDE TUBE.
SEE DWG. XI-BN-5, PG. 1

FOR INFORMATION

ITEMS SHALL BE IDENTIFIED BY THE X-Y COORDINATES
i.e. THE CENTER OF THE BOTTOM HEAD IS 30-31

REF DWG 8031-M-1-B11-2010-C-003.5

REC'D
10-11-89

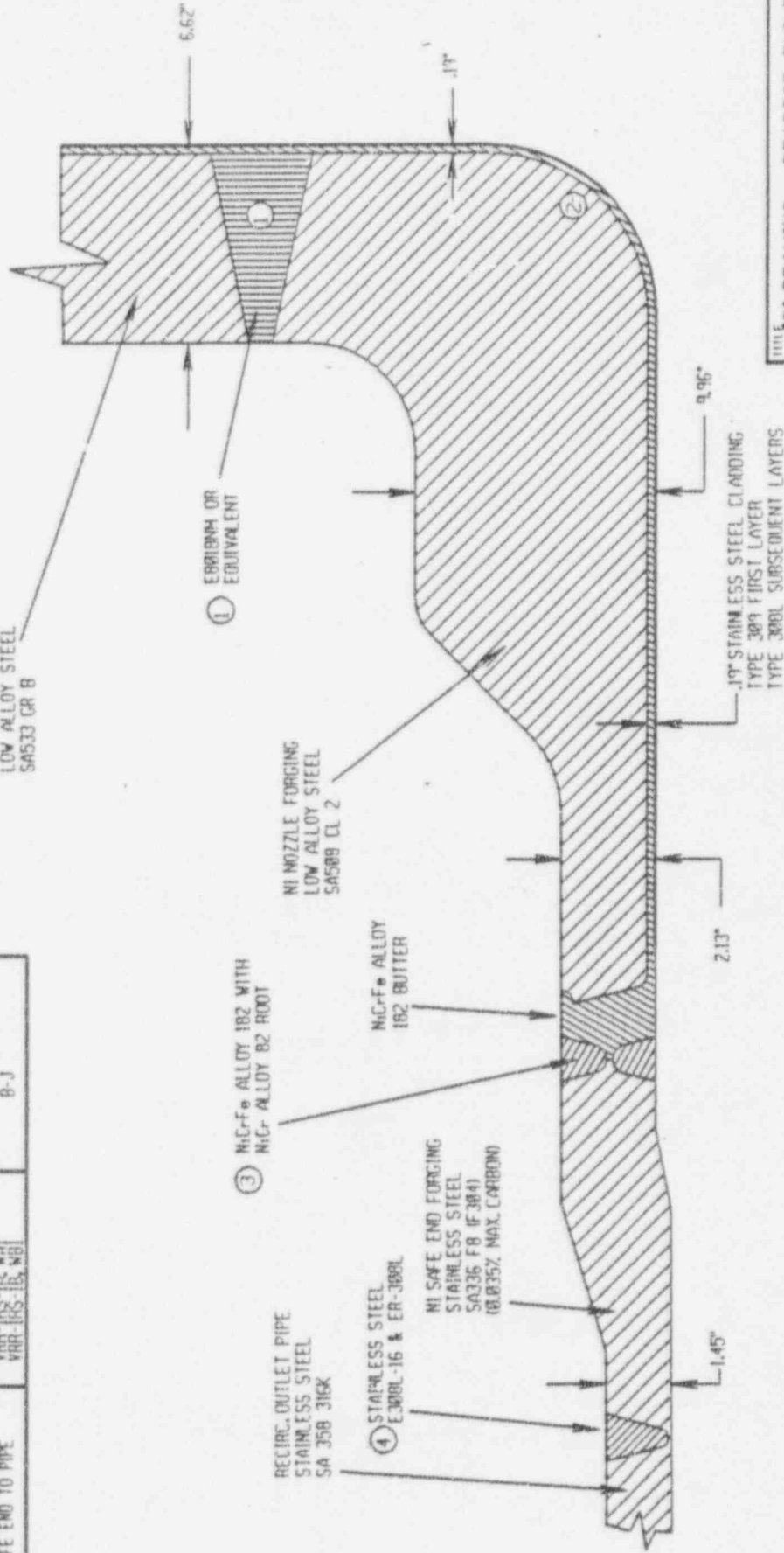
REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	COND	ISI ENG	GROUP	PRD ENG	PECO APPR
	10/5/89		PST	RC	RC	FLC	ENG	RC

TITLE ISI DRAWING - REACTOR BUILDING PLAN OF CRD AND IN-CORE PENETRATIONS (BOTTOM HEAD)		
JOB NO 8031	DWG NO XI-BE-5	REV 0

(28" REACTOR RECIRCULATION OUTLET-2 NOZZLES)

WELD	IDENTIFICATION	CODE CATEGORY
1. NOZZLE TO VESSEL	NI A,B	B-0
2. NOZZLE INNER RADIUS	NI A,B	B-0+
3. NOZZLE TO SAFE END	VRR-IRS-1A, N/A VRR-IRS-1B, NIB VRR-IRS-1C, N/A	B-F+
4. SAFE END TO PIPE	VRR-IRS-1B, N/A VRR-IRS-1C, N/A	B-J

RPV #1
SHELL RING ASSEMBLY
LOW ALLOY STEEL
SA533 GR B



REF. DWGS.:
8031-M-1-811-AR01-C-93.3
8031-M-1-811-AR01-C-82.4

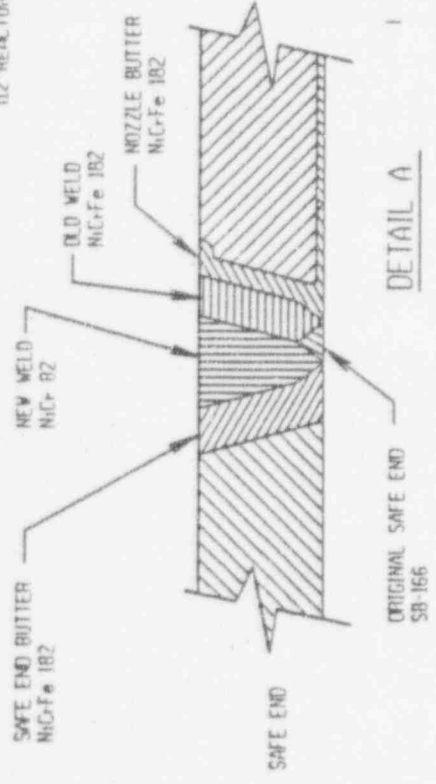
DATE	REV	BY	CHKD	1ST ENG	DRWNG SUP	PROJ. NO	REC'D OFFICE
1/5/69		PSY	TRB	RC	RC		RC

JOB NO	8031	DRG NO	XI-BF-1	REV	0
--------	------	--------	---------	-----	---

ISI DRAWING - REACTOR BUILDING
NI NOZZLE ASSEMBLY AND
WELD DETAILS - UNIT 1

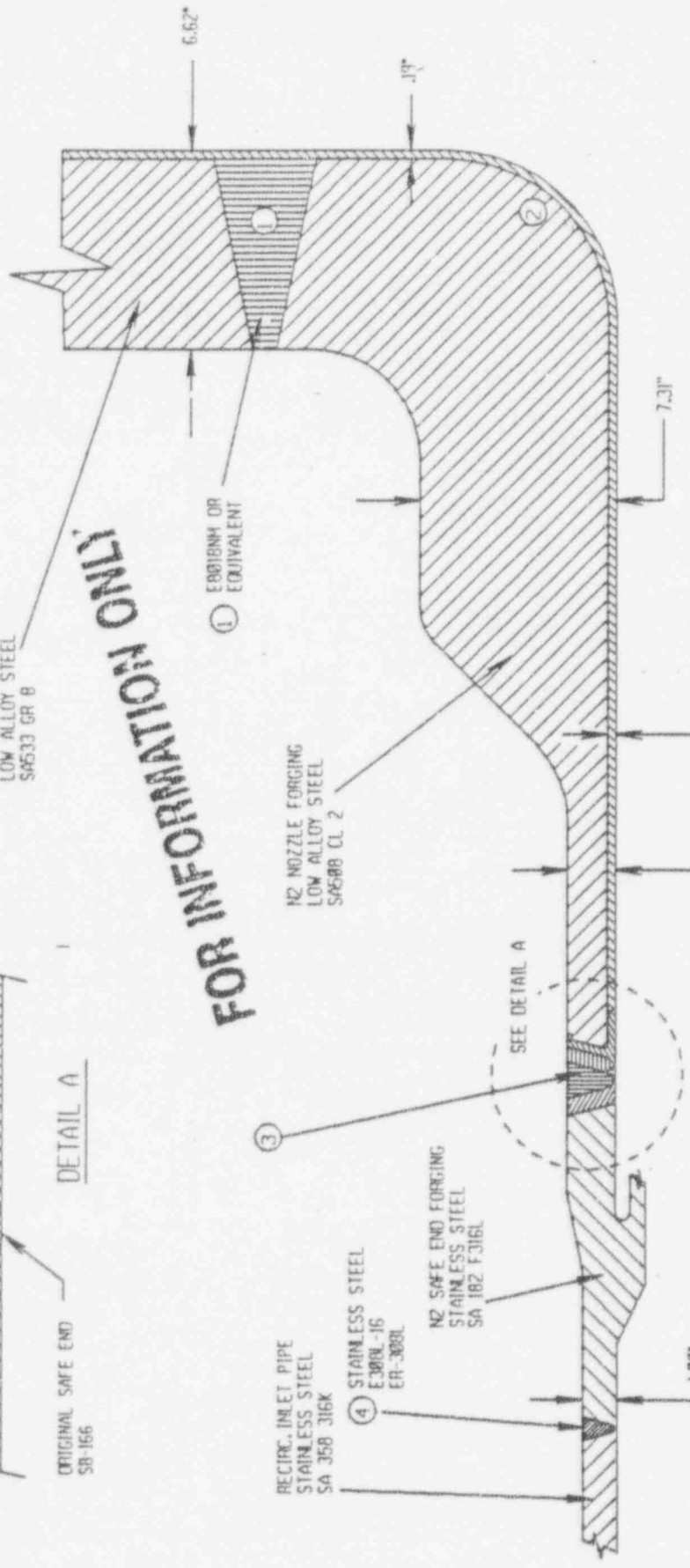
112" REACTOR RECIRCULATION INLET-10" NOZZLES

WELD I.D. & LOCATION	IDENTIFICATION	CORE CATEGORY
1. NOZZLE TO VESSEL	N2A,B,C,D,E,F,G,H,I,J,K	B-0
2. NOZZLE INNER DOMIUS	N2A,B,C,D,E,F,G,H,I,J,K	B-0*
3. NOZZLE TO SAFE END	NR1-1R0-1R N2 A,B,C,D,E NR1-1R0-1R N2 F,G,H,I,J,K	B-F*
4. SAFE END TO PIPE	NR1-1R0-1R N2 15,16,17,18,19 NR1-1R0-1R N2 15,16,17,18,19	B-J



RPV #1
SHELL RING ASSEMBLY
LOW ALLOY STEEL
SA533 GR B

FOR INFORMATION ONLY



10" STAINLESS STEEL CLADDING
TYPE 309 FIRST LAYER
TYPE 308L SUBSEQUENT LAYERS

- REF. DWGS:
 88031-M-1-011-AB01-C-94.3
 88031-M-1-011-AB01-C-65.3
 CE: F0140/7.10.30-1
 88031-M-1-011-AB01-C-178.1
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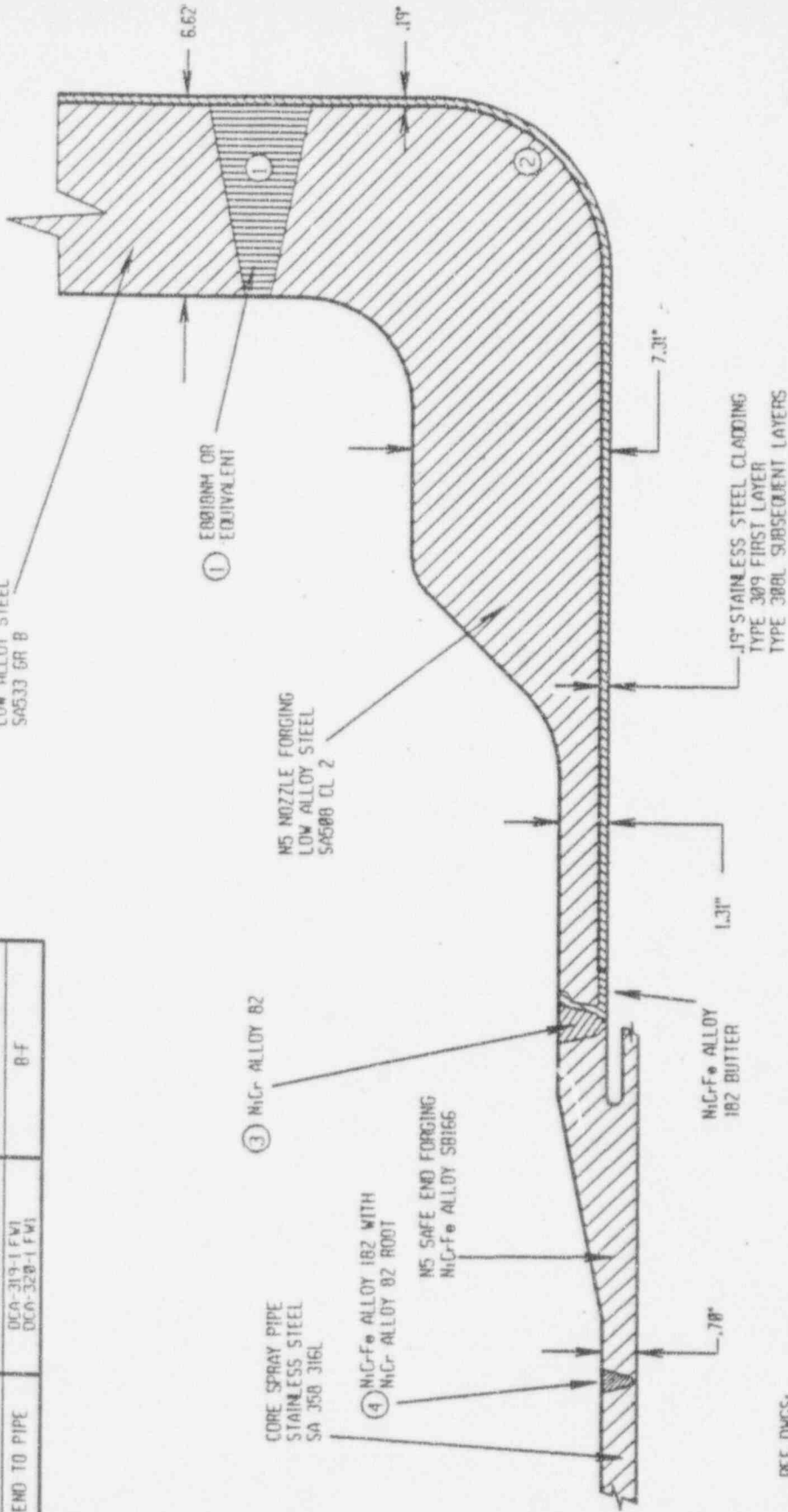
ISI DRAWING - REACTOR BUILDING
 N2 NOZZLE ASSEMBLY AND
 WELD DETAILS - UNIT 1

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP	SR	PROJ	ENG	RECD	APPROV
1	10/11/89		LMH	RC	RC						RC
JOB NO 8031											
UNIT NO XI-BF-2											
REV 0											

1/2" CORE SPRAY - 2 NOZZLES

WELD	IDENTIFICATION	CODE CATEGORY
1. NOZZLE TO VESSEL	N5 A,B	B-0
2. NOZZLE INNER RADIUS	N5 A,B	B-0+
3. NOZZLE TO SAFE END	DCA-319-1 N5A DCA-320-1 N5B	B-F+
4. SAFE END TO PIPE	DCA-319-1 FW1 DCA-320-1 FW1	B-F

RPV #3
SHELL RING ASSEMBLY
LOW ALLOY STEEL
SA533 GR B



REF. DWGS:
8031-H-1-811-AR01-C-104.J
8031-H-1-811-AR01-C-99.B
CF-DI 25/73030-1
8031-H-1-811-AR01-C-170.1
8031-H-1-811-AR01-C-171.1

ISSUED FOR 1ST INSP. INTERVAL.
DATE 10/15/69
BY MDC
DND RC
IST ENO RC
GRIP ST FLD
PREC APPR RCF

19" STAINLESS STEEL CLADDING
TYPE 309 FIRST LAYER
TYPE 308L SUBSEQUENT LAYERS

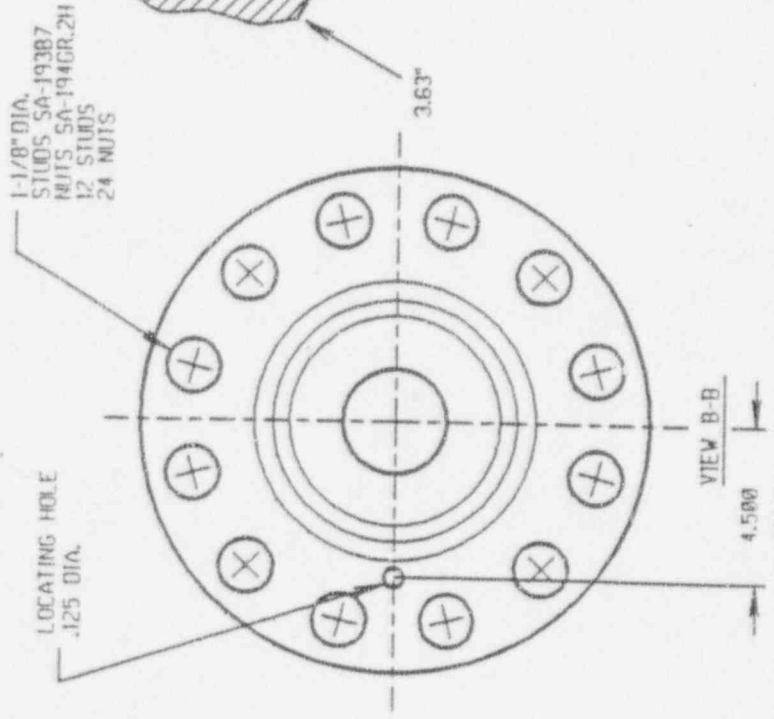
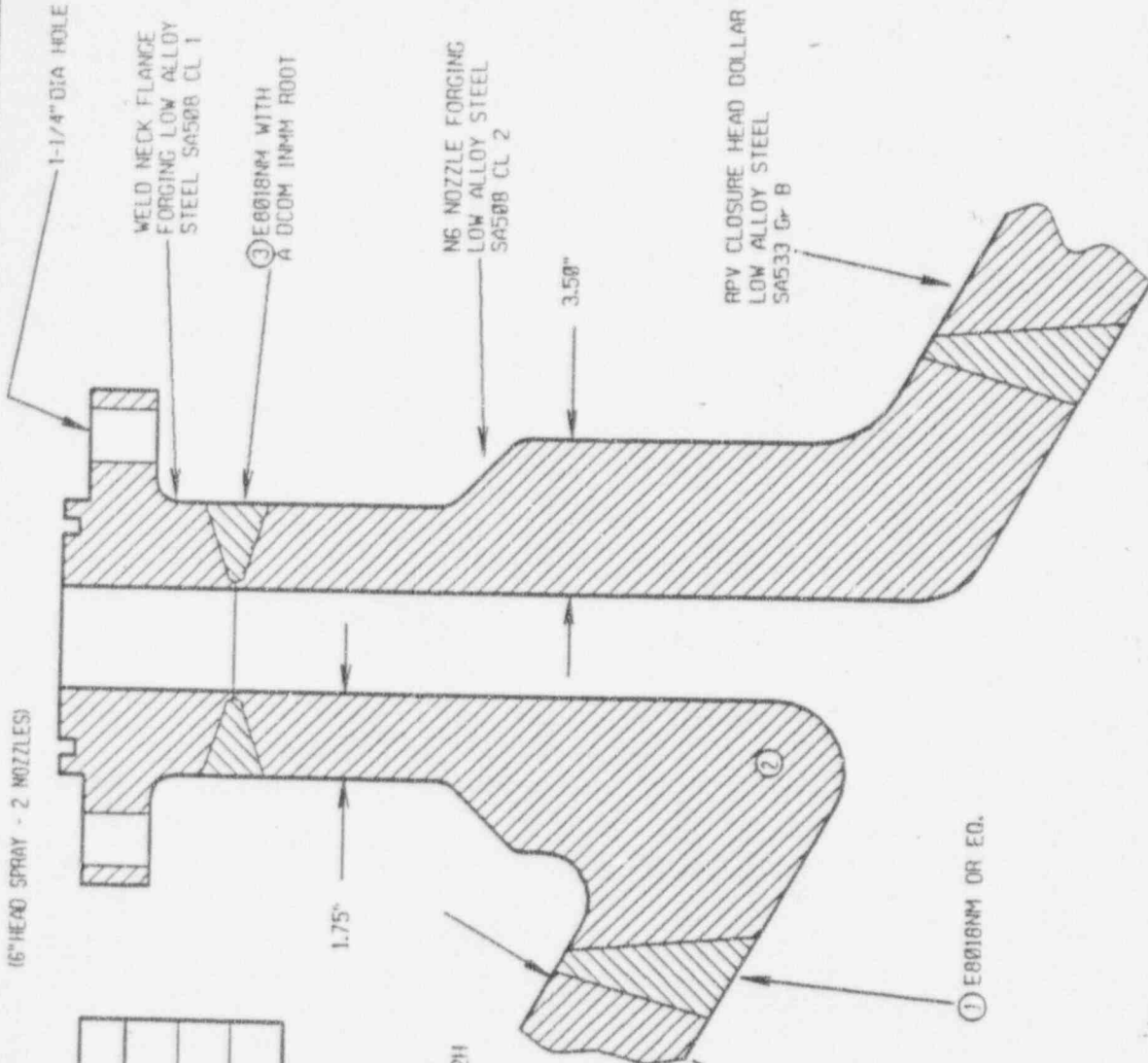
EDG RND OR EQUIVALENT

PHILADELPHIA ELECTRIC COMPANY I.G.S. UNITS 1 & 2
NOT FOR CONSTRUCTION PAGE 1 OF 2

UNIT 1
DRAWING NO. 8031
REV 0
XI-BF-5

(6" HEAD SPRAY - 2 NOZZLES)

WELD	IDENTIFICATION	CODE CATEGORY
1. NOZZLE TO VESSEL	W6A-B	B-D
2. NOZZLE INNER RADIUS	W6A-B	B-D
3. NOZZLE TO FLANGE	RPV JIN-CA RPV JIN-GB	B-J



REF DWG: 8031-M-1-B11-A001-C-53.6

TITLE: 1ST DRAWING - REACTOR BUILDING
N6 NOZZLE ASSEMBLY & WELD DETAILS
UNIT 1

JOB NO: 8031 DWG NO: XI-BF-6 DES: 0

ISSUED FOR 1ST INSP. INTERVAL.

DATE: 10/5/69

BY: MDC

CHKD: TSBM

1ST ENG: RC

GROUP SUP: FLY

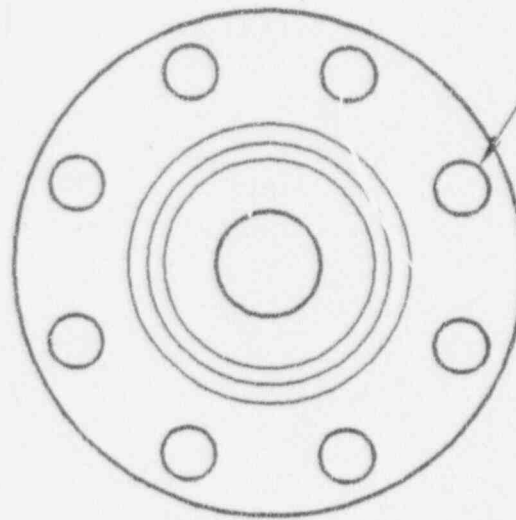
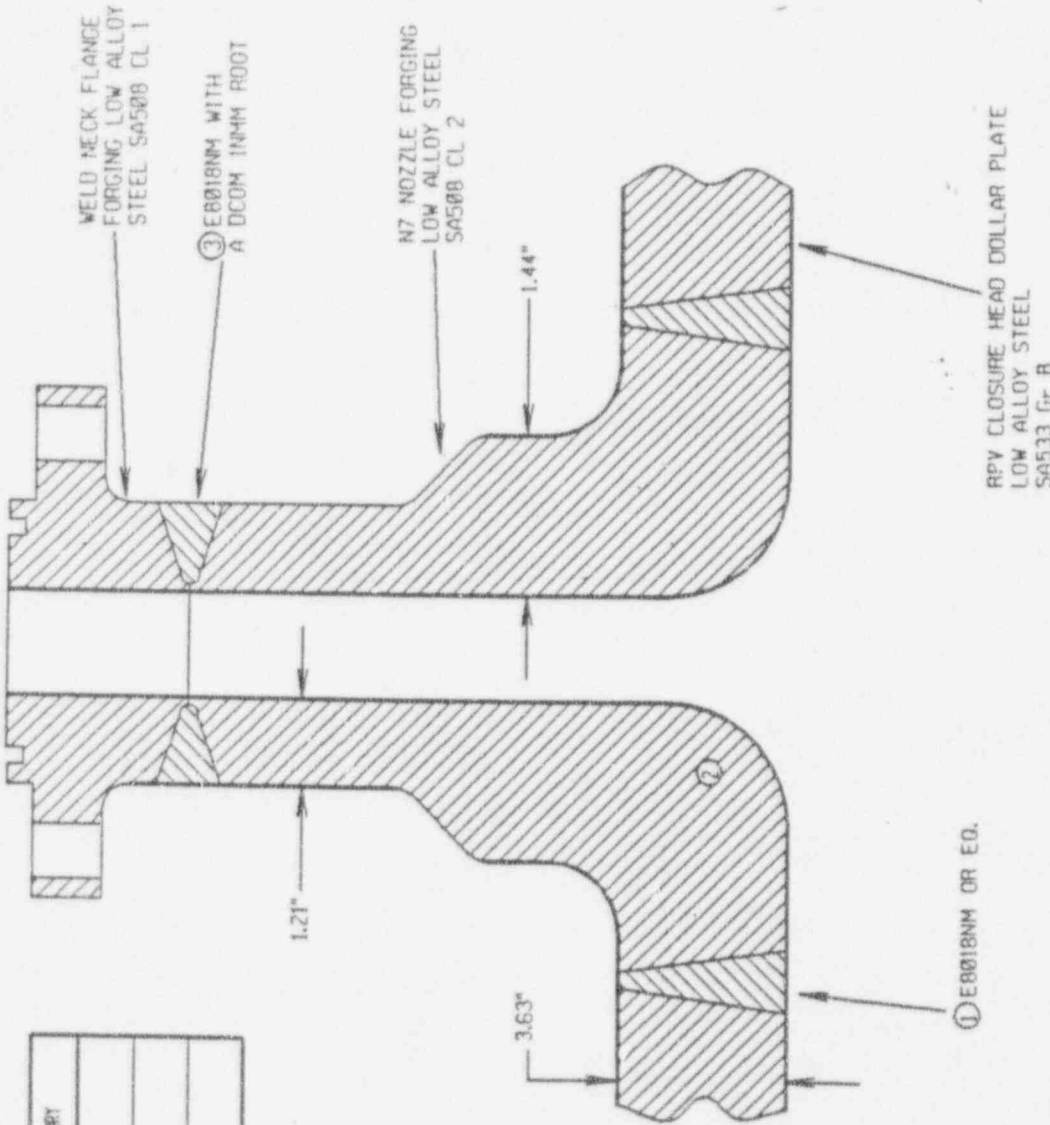
PROU: DPB

REC'D APPR: RIF

PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2 NOT FOR CONSTRUCTION PAGE 1 OF 2

16" RPV VENT - 1 NOZZLE

WELD	IDENTIFICATION	CODE CATEGORY
1. NOZZLE TO VESSEL	N7	B-D
2. NOZZLE INNER RADIUS	N7	B-D
3. NOZZLE TO FLANGE	RPV-IN-N7	B-J



1-1/8" DIA STUDS SA-193 B7
 NUTS SA-194 GR 2H
 8 STUDS
 16 NUTS

REF DWG:
 8031-M-1-B11-A001-C-54.6

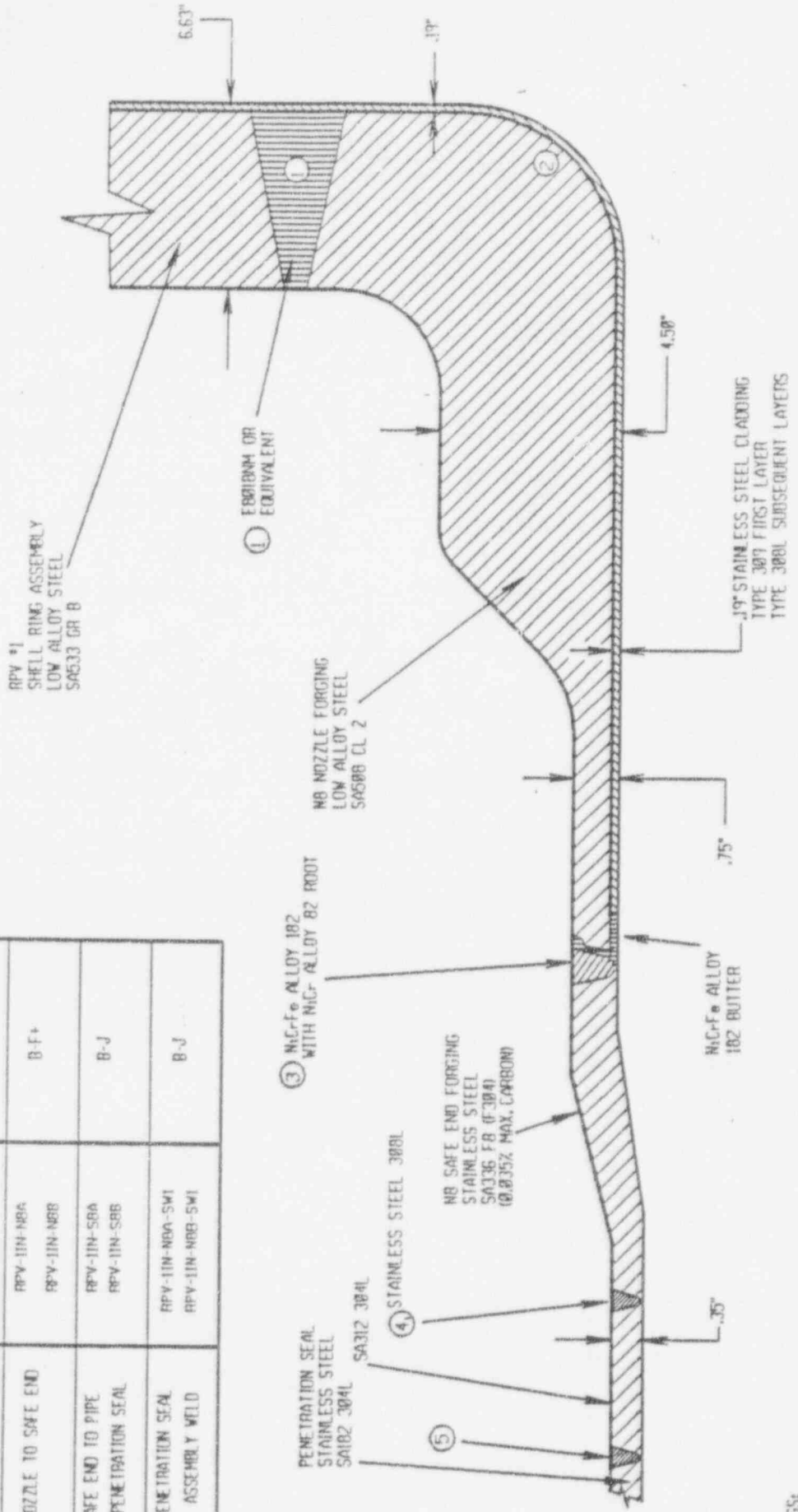
TITLE		JOB NO		REV	
ISI DRAWING - REACTOR BUILDING N7 NOZZLE ASSEMBLY AND WELD DETAILS - UNIT 1		8031		X1-BF-7	
REV		JOB NO		PAGE 1 OF 2	
0		8031		X1-BF-7	

ISSUED FOR 1ST INSP. INTERVAL.	BY MDC	CHKD RC	ISI ENG RC	DRGGR Fig	SUP lc	PROJ ENG DTP	PECO APPR Ryf
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65° JET PUMP INSTRUMENTATION - 2 NOZZLES

FOR INFORMATION ONLY

WELD	IDENTIFICATION	CODE CATEGORY
1. NOZZLE TO VESSEL	NBA, NRB	B-D
2. NOZZLE INNER RADIUS	NBA, NRB	B-D
3. NOZZLE TO SAFE END	RPV-11N-NBA RPV-11N-NRB	B-F+
4. SAFE END TO PIPE PENETRATION SEAL	RPV-11N-SBA RPV-11N-SBB	B-J
5. PENETRATION SEAL ASSEMBLY WELD	RPV-11N-NBA-SWI RPV-11N-NRB-SWI	B-J



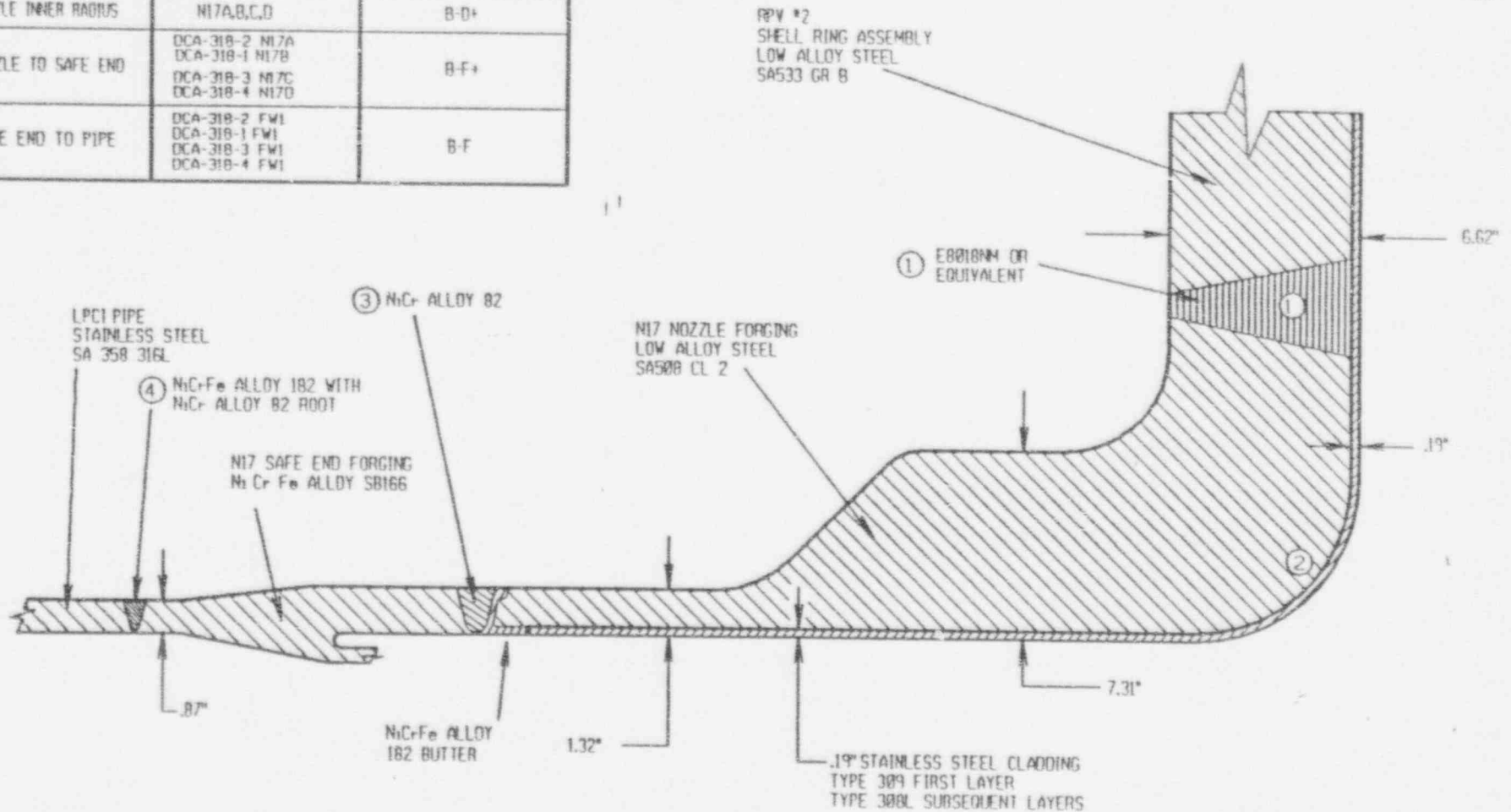
REF. DWGS:
8831-M-1-B11-A001-C-22.3
8831-M-1-B11-A001-C-03.4

ISI DRAWING - REACTOR BUILDING NB NOZZLE ASSEMBLY AND WELD DETAILS - UNIT 1			
JOB NO	DWG NO	REV	REV
8031	XI-BF-8	0	0

ISSUED FOR 1ST INSP. INTERVAL.	DATE 10-11-89	BY LMH	CHKD RC	ISI ENG RC	GROUP SUP FILE	PROG ENG	REC'D APPR
PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2 NOT FOR CONSTRUCTION PAGE 1 OF 2							

(12" RHR/LPCI - 4 NOZZLES)

WELD	IDENTIFICATION	CODE CATEGORY
1. NOZZLE TO VESSEL	N17A,B,C,D	B-D
2. NOZZLE INNER RADII	N17A,B,C,D	B-D+
3. NOZZLE TO SAFE END	DCA-318-2 N17A DCA-318-1 N17B DCA-318-3 N17C DCA-318-4 N17D	B-F+
4. SAFE END TO PIPE	DCA-318-2 FW1 DCA-318-1 FW1 DCA-318-3 FW1 DCA-318-4 FW1	B-F

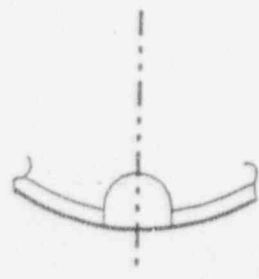


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8031-M-1-011-A001-C-170.1
8031-M-1-011-A001-C-171.1

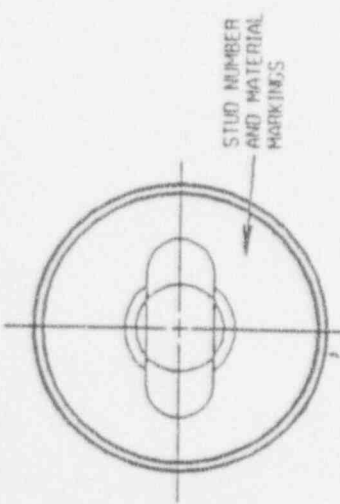
TITLE
ISI DRAWING - REACTOR BUILDING
N17 NOZZLE ASSEMBLY & WELD DETAILS
UNIT 1

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	IST ENG	GROUP SUP	PROJ. ENG	PECO APPR	JOB NO	DWG NO	SHEET
10-11-57	10/5/69		PSF	J.P.B.M.	RC	ALG	J.P.B.M.	RSE	8031	XI-BF-17	0

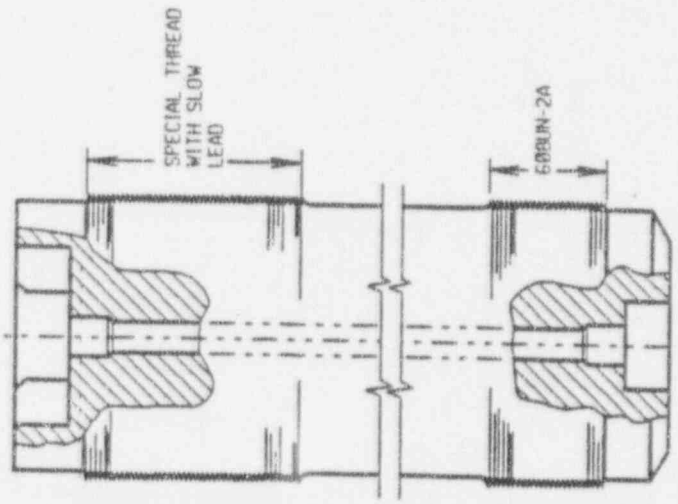
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 M-1-B11-A001-C-105.3



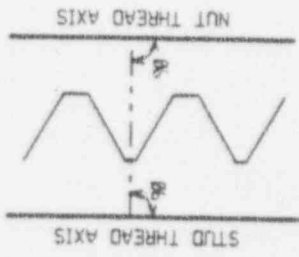
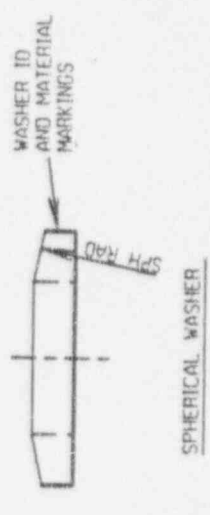
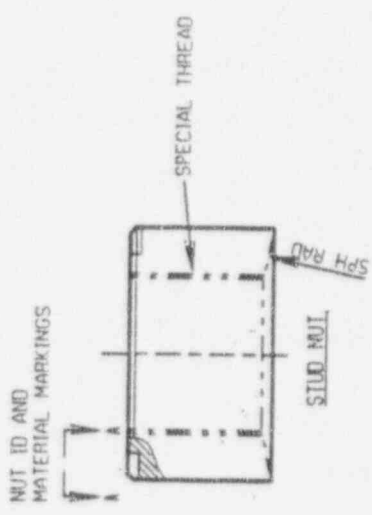
VIEW A-A
 2 NOTCHES 180° APART



PLAN VIEW

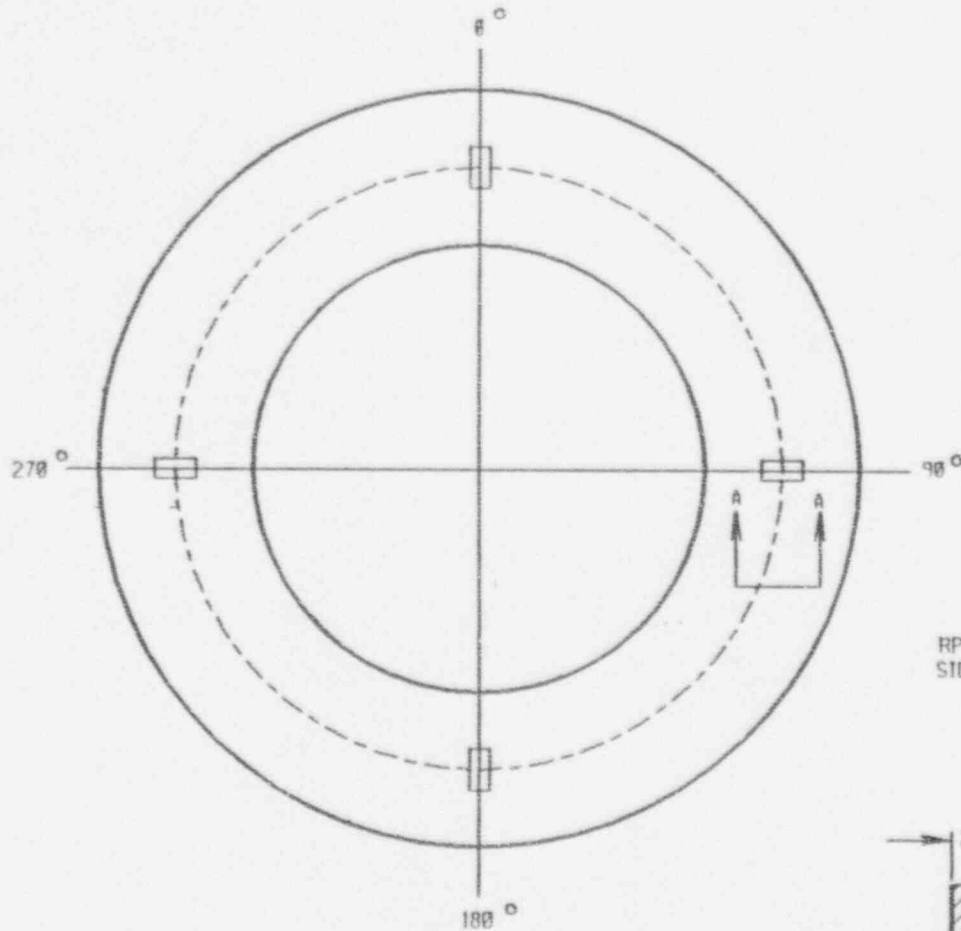


SECTION THRU STUD

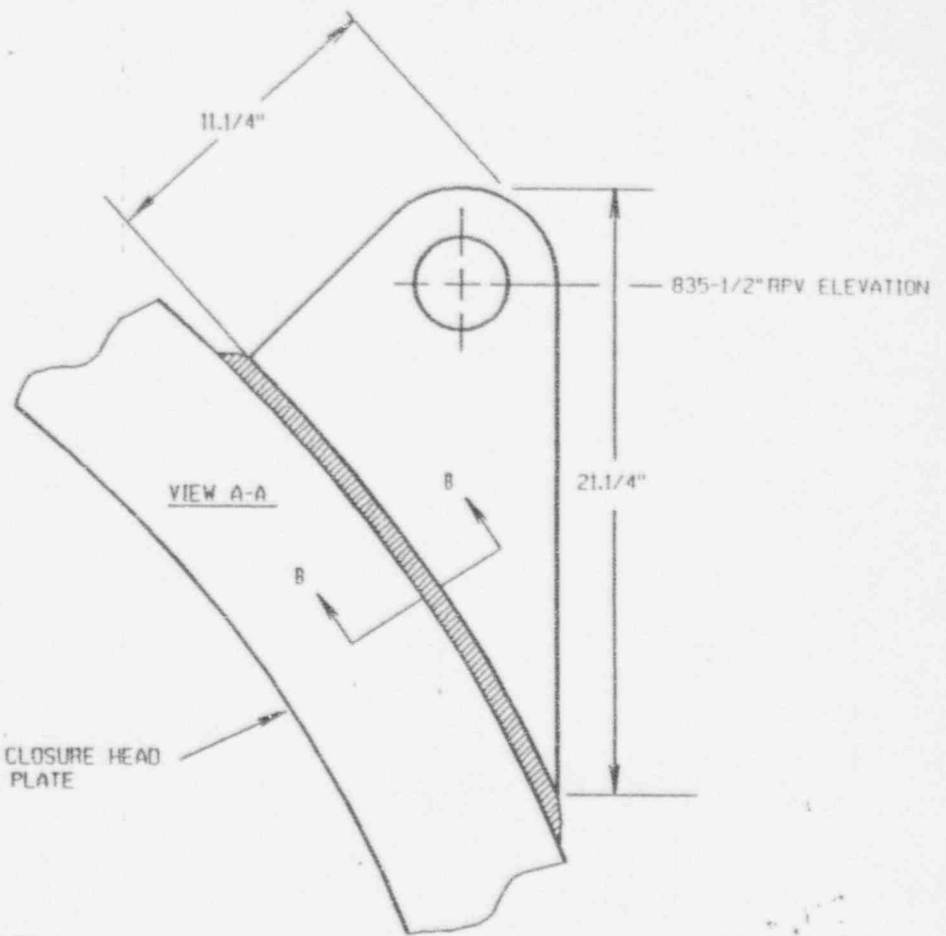


8 PITCH 60° STRAIGHT THREAD

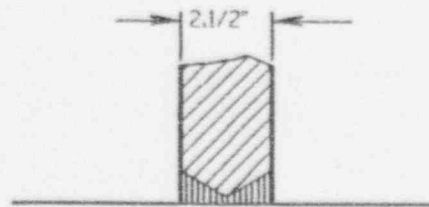
TITLE ISI DRAWING - REACTOR BUILDING RPV CLOSURE STUDS, NUTS AND WASHERS		JOB NO 8031	DWG NO XI-BG	REV 0					
RAC'D BY 	DATE 10/5/69	ISSUED FOR 1ST INSP. INTERVAL.	BY MDC	CHKD RC	1ST ENG RC	DRWP SUP Fig V	PROJ BDM	PROJ BDM	PECO APPR RC
PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2									
NOT FOR CONSTRUCTION									
PAGE 1 OF 1									



PLAN VIEW OF CLOSURE HEAD



RPV CLOSURE HEAD SIDE PLATE

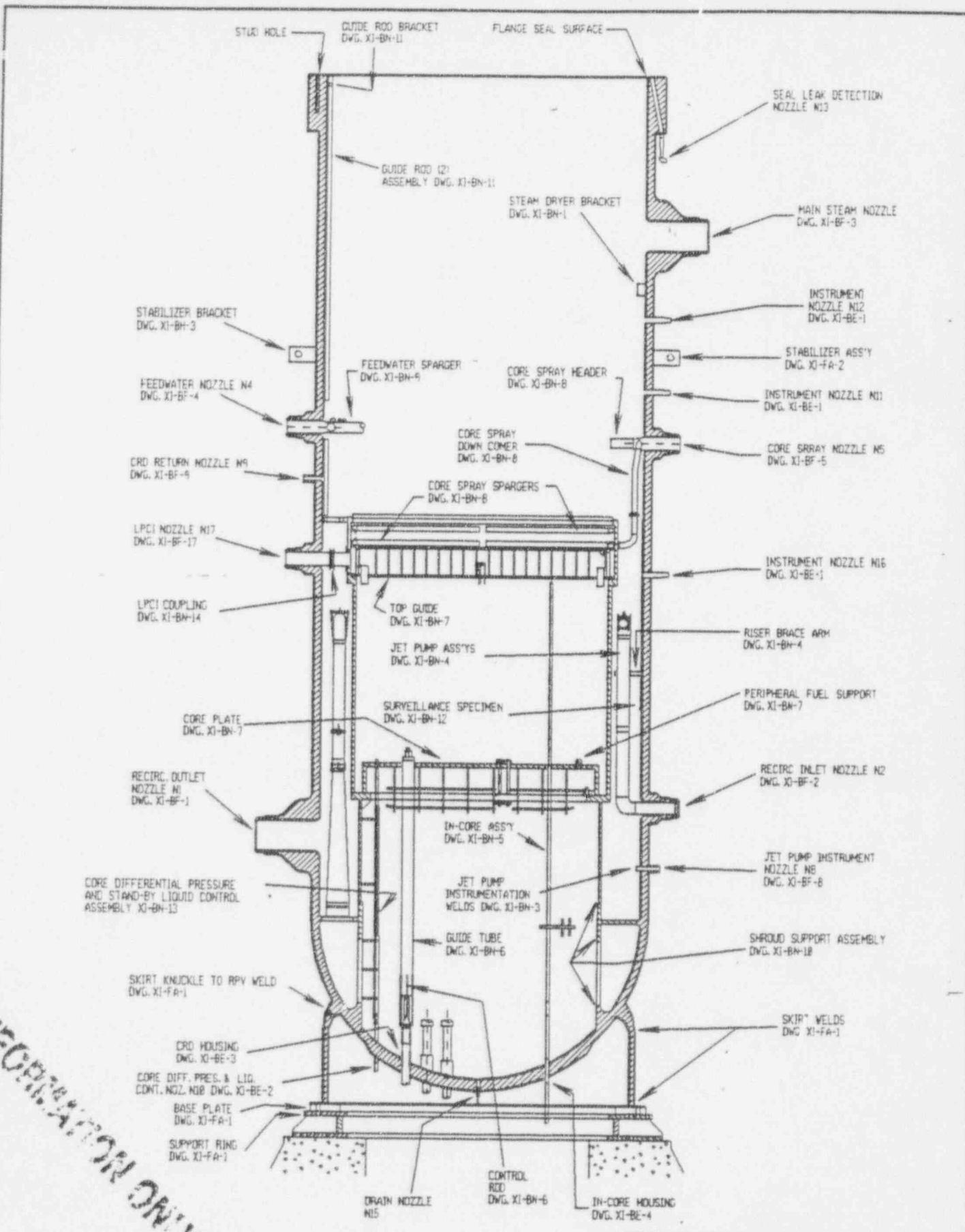


SECTION B-B

Handwritten note: 10-11-89 10:11 AM

REF: DWG. 8031-M-1-B11-A001-C-27

TITLE ISI DRAWING - REACTOR BUILDING CLOSURE HEAD LIFTING LUGS											
REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	1ST ENG	GROUP, SUP	PROJ. ENG	PECO APPR	JOB NO	ENG NO	REV
10-11-89	10/4/89		LMH	JPB	RC	ALC	BDM	RC	8031	XI-BH-4	0
PHILADELPHIA ELECTRIC COMPANY LGS. UNITS 1 & 2							NOT FOR CONSTRUCTION		PAGE 1 OF 1		



FOR INSPECTION ONLY

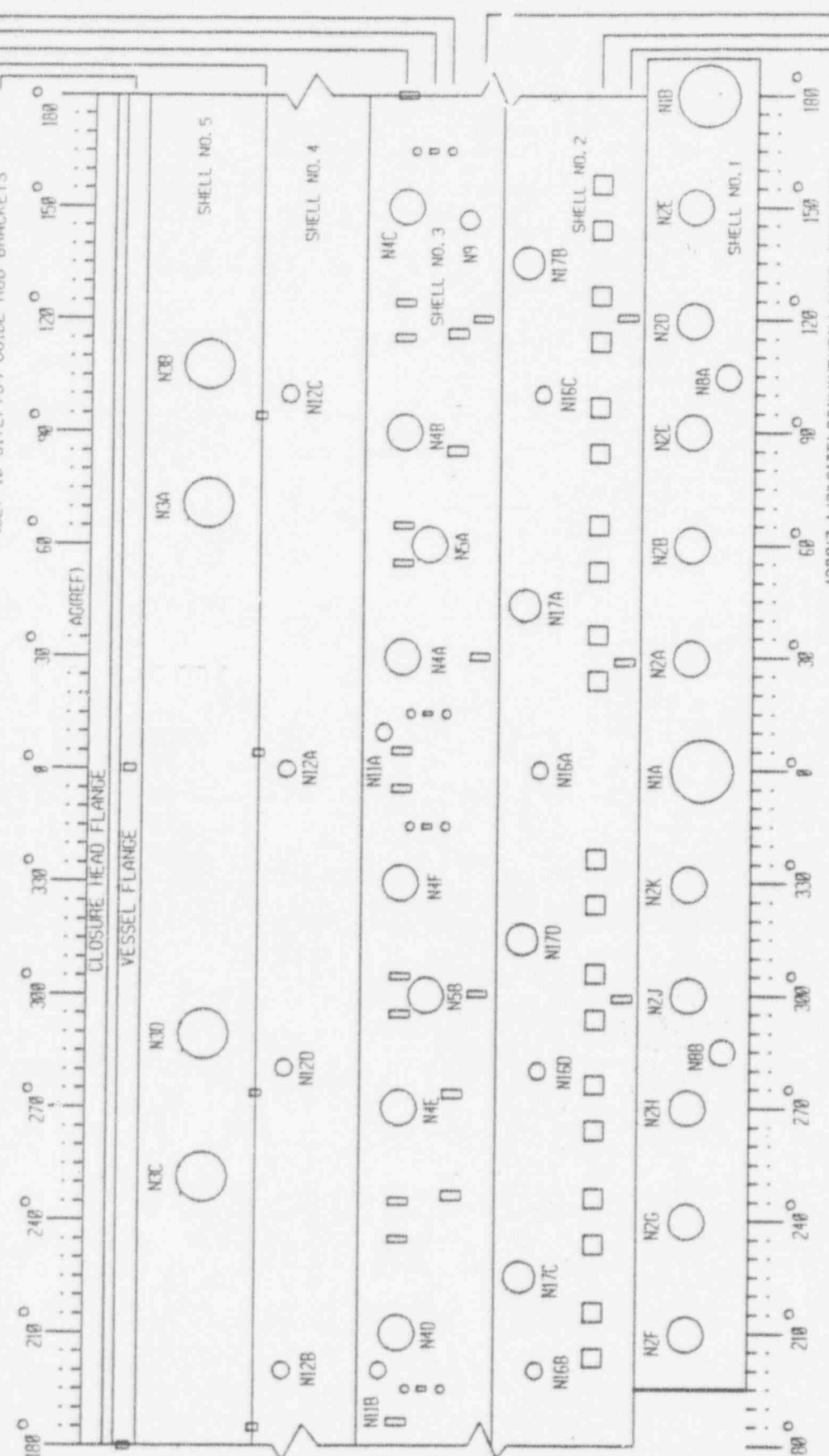
TITLE
 ISI DRAWING - REACTOR BUILDING VESSEL LAYOUT

Rec'd
 10-11-89

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL	BY	CHKD	ISI ENG	GROUP	SUP	PRD/ENG	PECD	APPR	JOB NO	DWG NO	REV
	10/5/89		MDC	RC	RC	FLG					8031	XI-BN	0

For Identification Only

(305'-9" SITE) 475" CORE SPRAY RADIAL (112° & 247°)
 AND VERTICAL (85° & 274°) BRACKETS
 (3067-1/2" SITE) 484-1/2" CORE SPRAY END BRACKETS
 (307-9-1/2" SITE) 498-1/2" FEEDWATER SPARGER BRACKETS
 (310'-4" SITE) 625-1/2" STEAM DRYER SUPPORT BRACKETS
 (327'-10" SITE) 739" GUIDE ROD BRACKETS



(289'7-1/2" SITE) 281" SURVEILLANCE SPECIMEN
 HOLDER LOWER BRACKETS
 (291'4-1/2" SITE) 302" JET PUMP RISER BRACE ARM PADS
 (299'3-1/2" SITE) 317" SURVEILLANCE SPECIMEN
 HOLDER UPPER BRACKETS

INSIDE VIEW
 REACTOR PRESSURE VESSEL

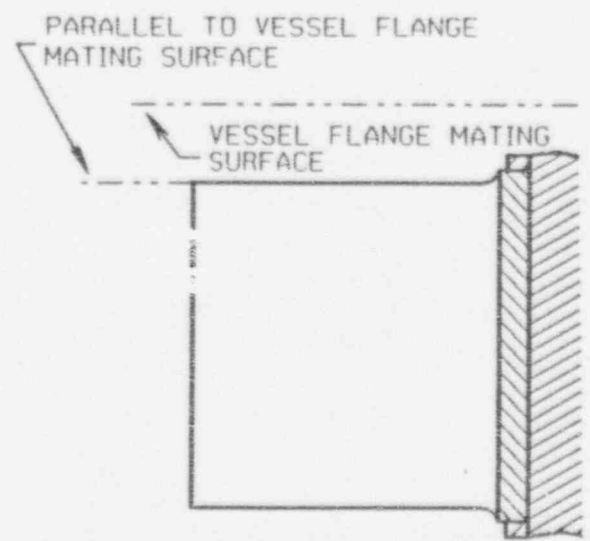
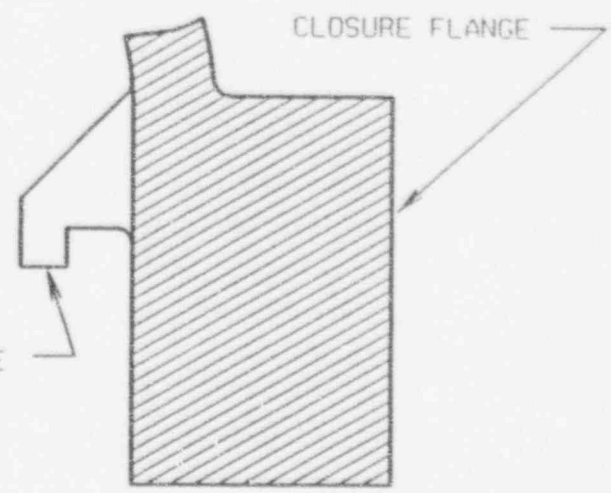
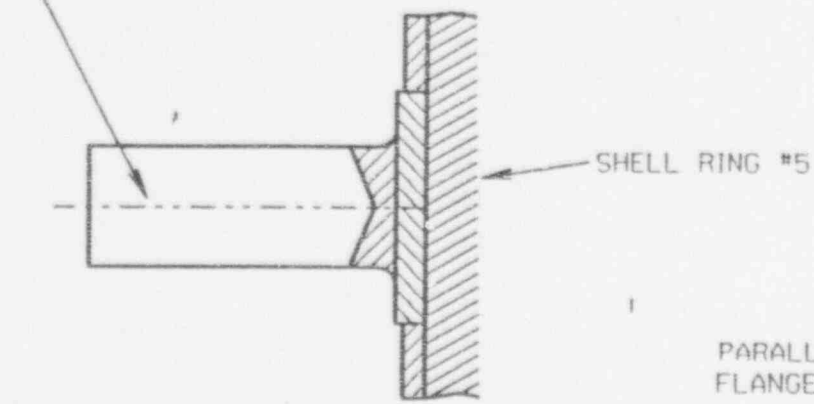
Rec'd
 10-11-89

TITLE
 ISI DRAWING - REACTOR BUILDING
 INTERIOR ATTACHMENTS
 IDENTIFICATION MAP

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY MDC	CHKD T.P.H.	ISI ENG RC	GROUP SUP KLG	PRCJ ENG L.D.B.	PECC APPR P.C.	JOB NO 8031	DWG NO XI-BNN	REV C
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REF DWGS:
 8031-M-1-B11-A001-C-5 TO -18
 GE FDI 79/73030 UNIT 1
 5-7-78 300 1 UNIT 2

AT AZIMUTHS 4°, 94°, 184°, 274°
(4 REQ'D)



AT AZIMUTHS 41°30', 138°30', 221°30', 318°30'
(4 REQ'D.)



DRYER HOLD DOWN BRACKET
(RPV CLOSURE HEAD)

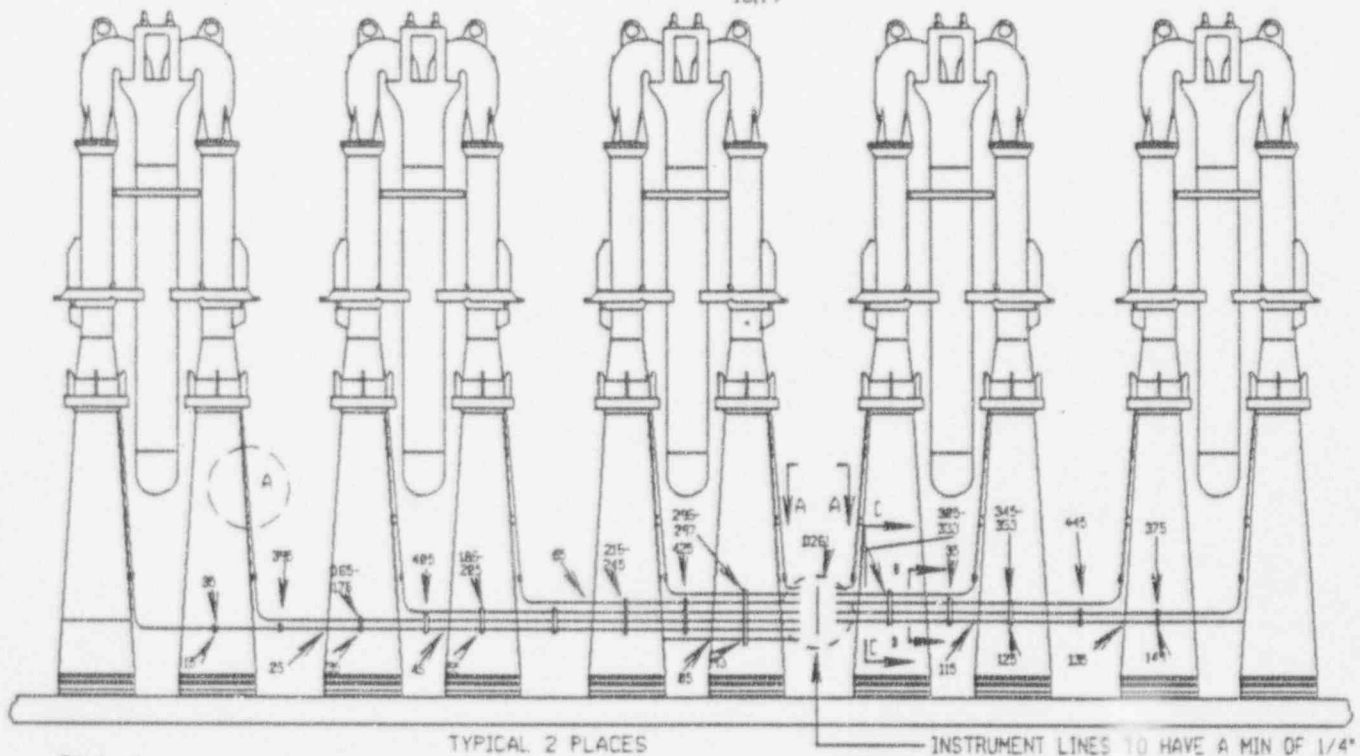
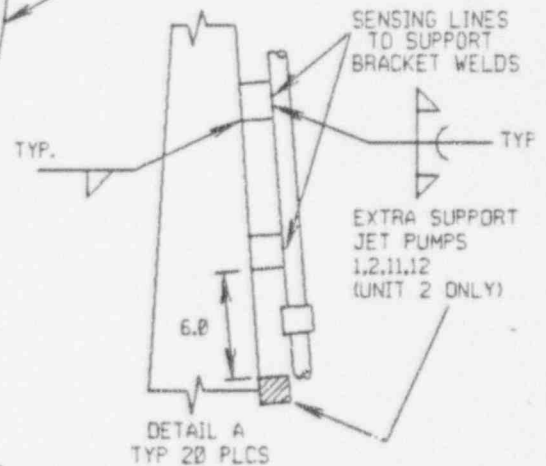
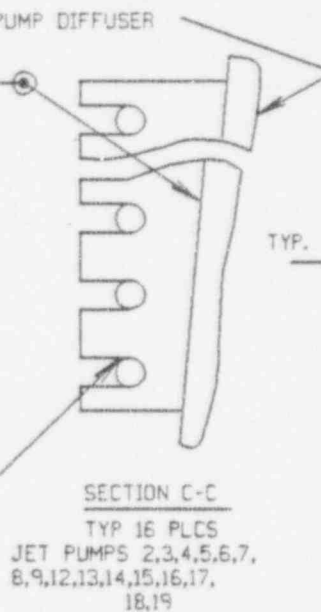
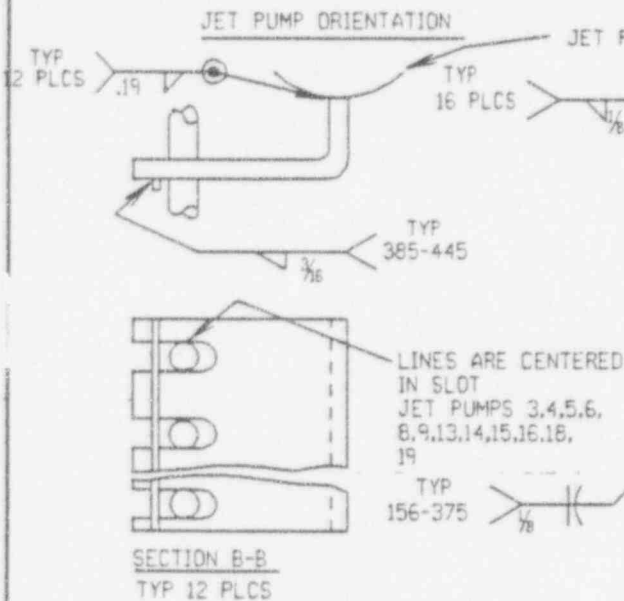
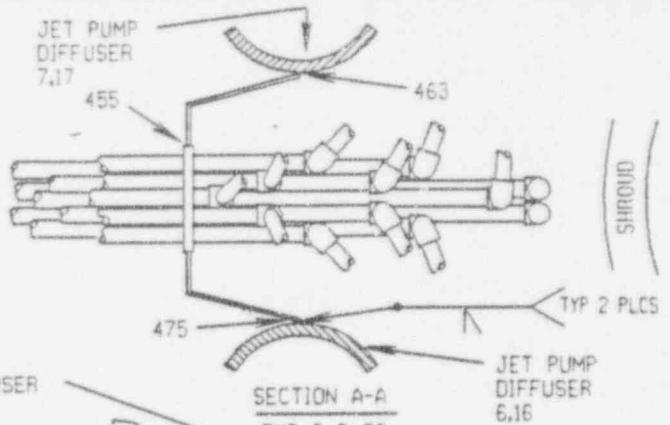
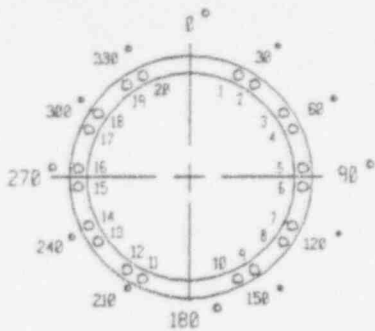
STEAM DRYER SUPPORT BRACKET
(625-1/2" RPV ELEV.)

FOR INFORMATION ONLY

TITLE		ISI DRAWING - REACTOR BUILDING DRYER HOLD DOWN AND SUPPORT BRACKET		
JOB NO	8031	ENG NO	XI-BN-1	REV
				Ø

*1052
6-17-87*

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PROJ. ENG	PECO APPR
1	11/89		RC	RC	RC	FLG	ISI BOM	RC

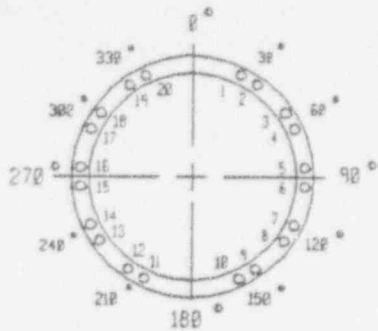


FOR INFORMATION ONLY

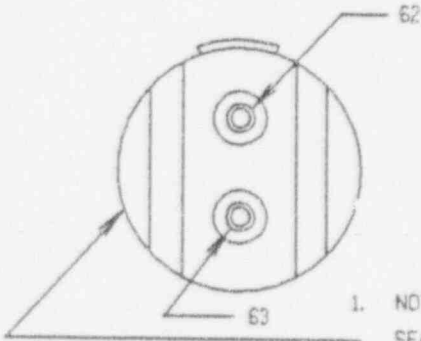
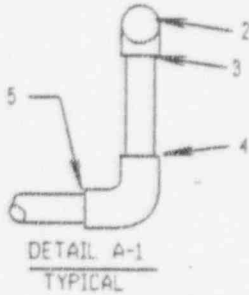
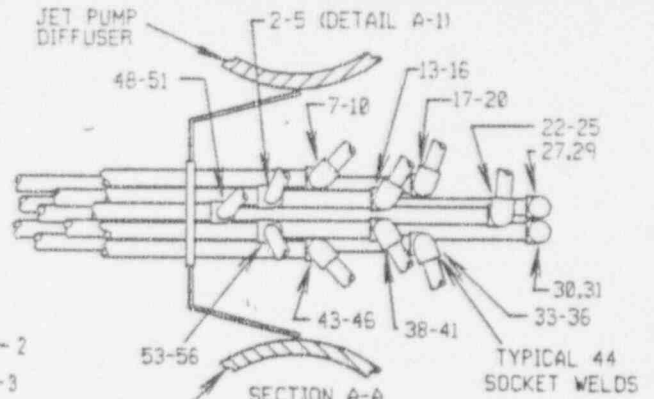
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**ISI DRAWING - REACTOR BUILDING
 JET PUMP INSTRUMENTATION
 SUPPORT WELDS**

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP	SUP	PROJ/ENG	PECC APPR
1	10/5/69		LMH	T. P. ...	RC	FLA			RSE

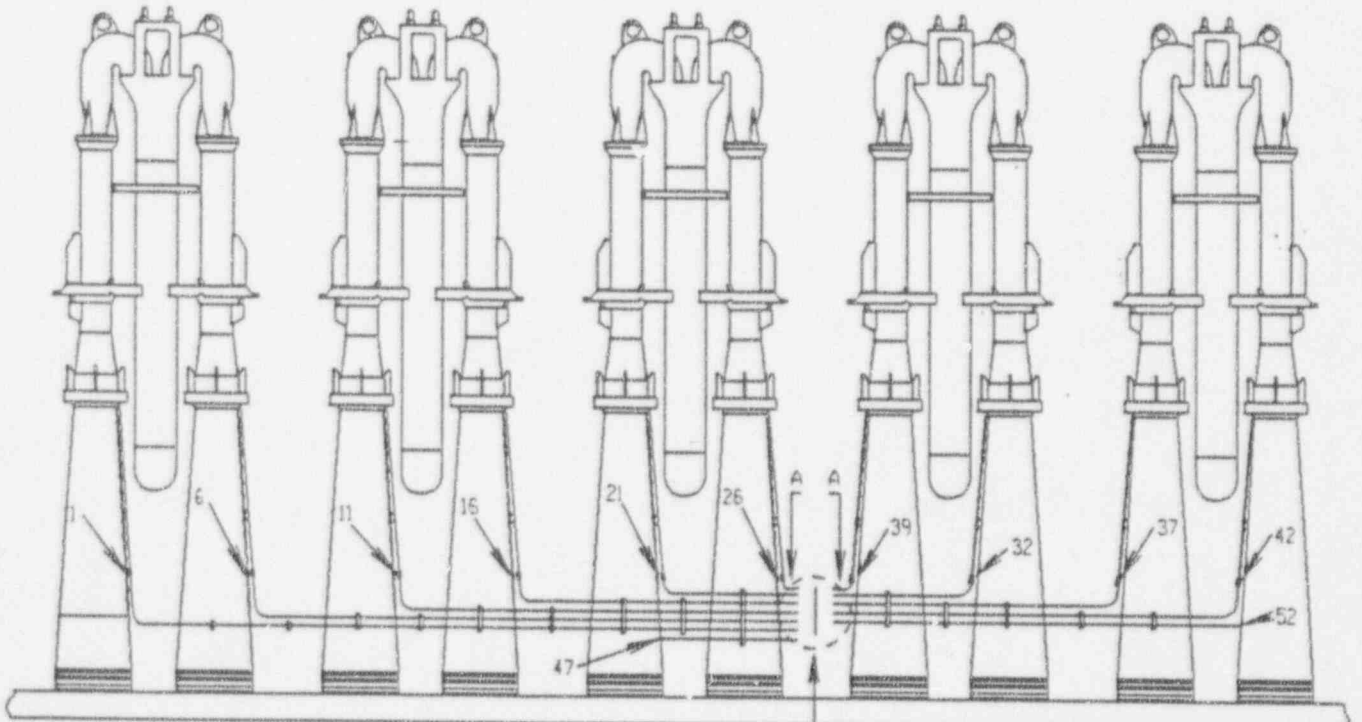
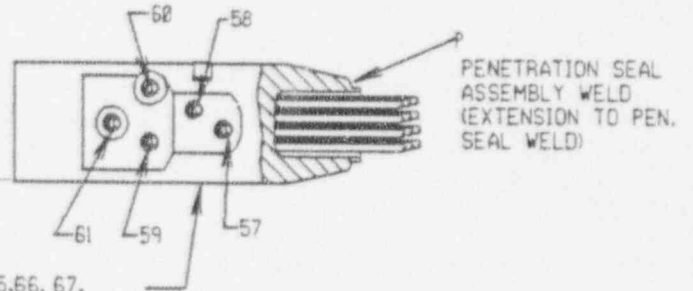
JOB NO	DWG NO
8031	XI-BN-3



JET PUMP ORIENTATION



1. NOTES:
SEAL WELDS 64, 65, 66, 67, 68 ON OTHER SIDE



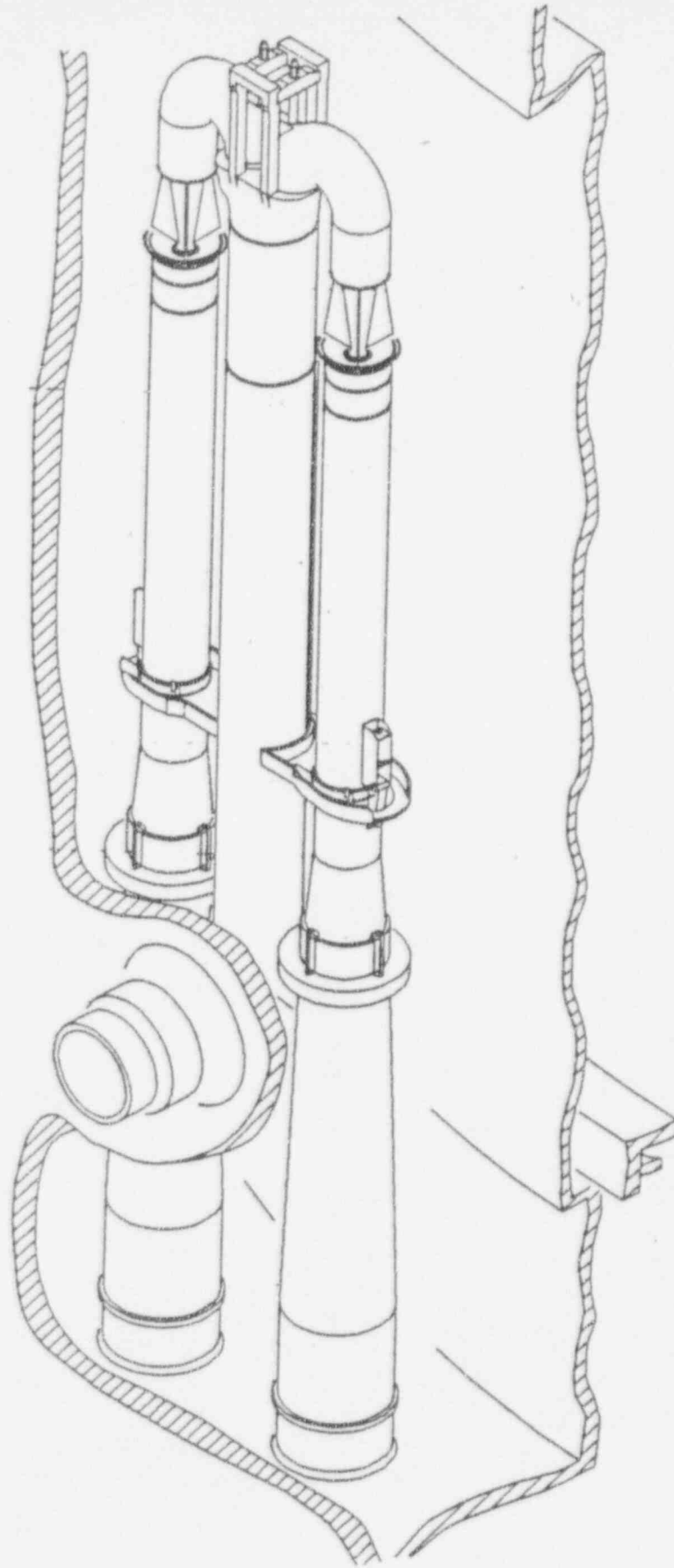
TYPICAL 2 PLACES

INSTRUMENT LINES TO HAVE A MIN OF 1/4" PER FT. SLOPE TRIM ALL LINES AT THIS END

FOR INFORMATION ONLY

TITLE
ISI DRAWING - REACTOR BUILDING
JET PUMP INSTRUMENTATION
LINE WELDS

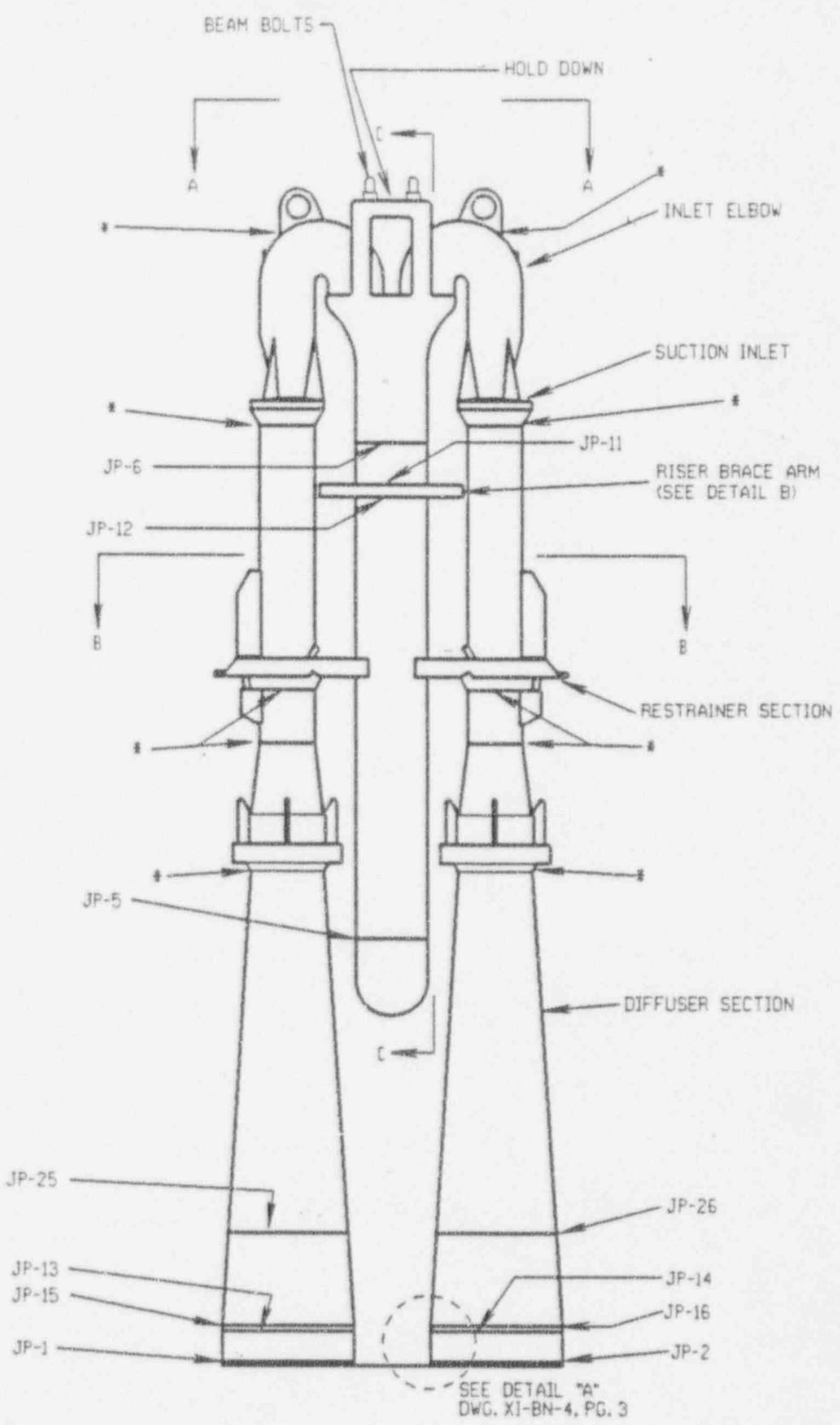
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	10/6/69			AP/SM	RC	FLA	DM	1746	8031	XI-BN-3	0



Rec'd
10-11-89

TITLE
ISI DRAWING - REACTOR BUILDING
JET PUMP ASSEMBLY

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY MDC	CHKD J.P.	ISI ENG RC	GROUP SUP FLG	PROJ ENG L.D.	PECO APPR R.S.F.	JOB NO 8031	DWG NO XI-BN-4	REV 0
PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2									NOT FOR CONSTRUCTION		PAGE 1 OF 7

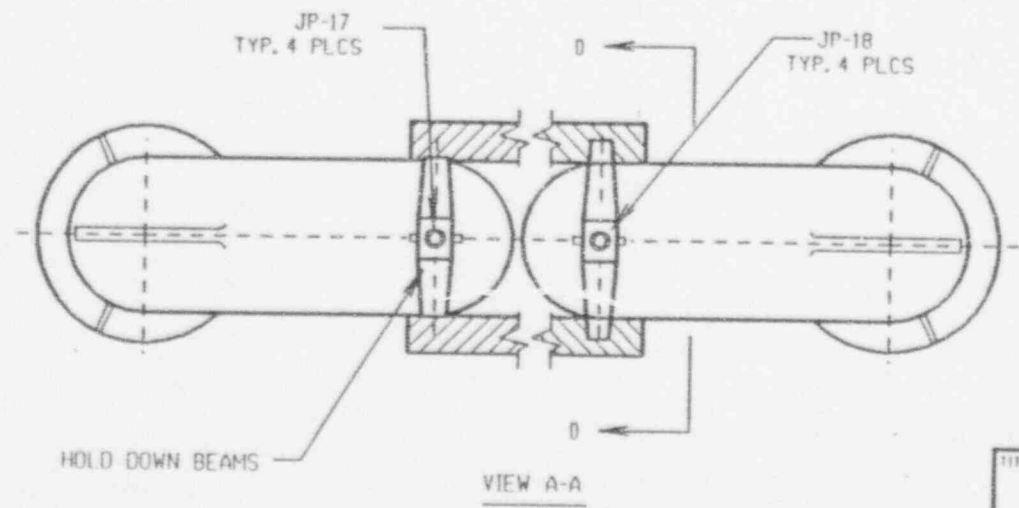
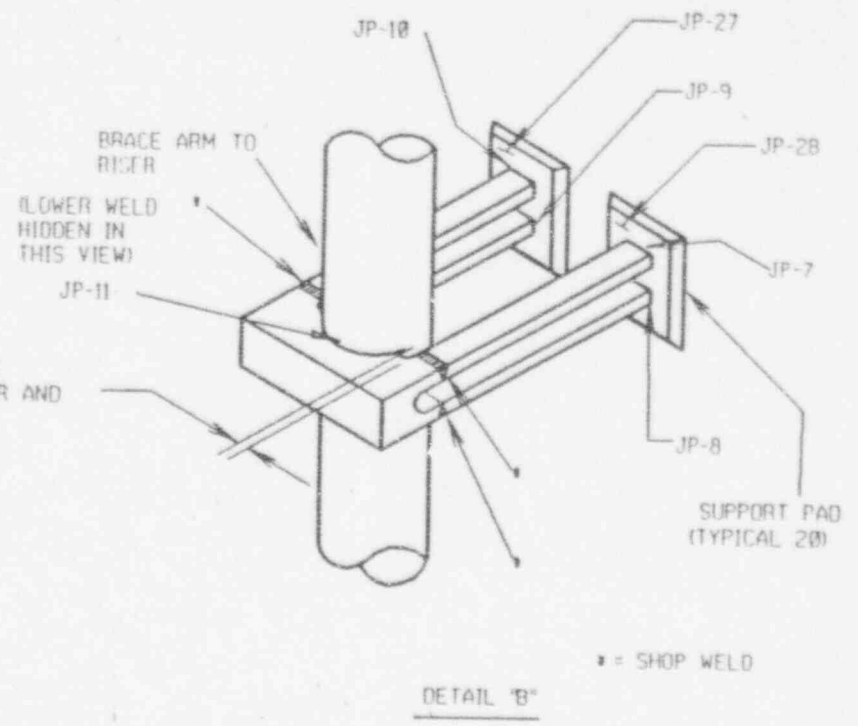
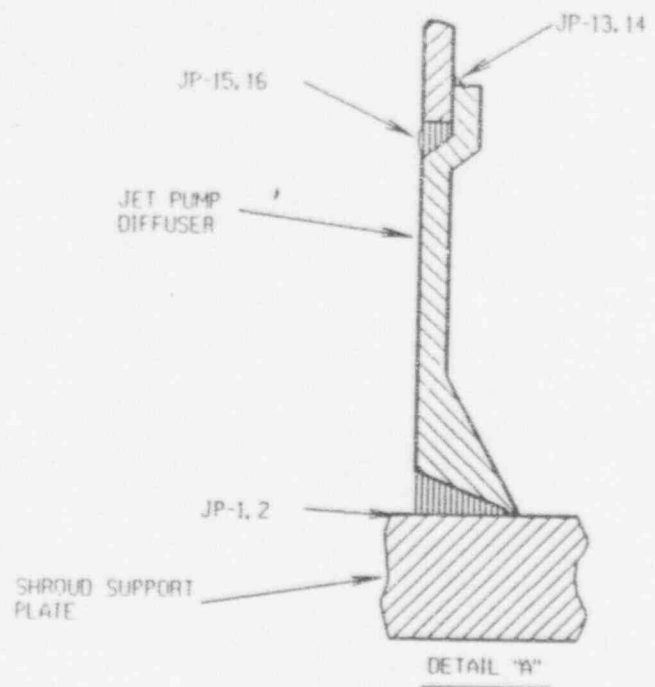


PHILADELPHIA ELECTRIC COMPANY

* SHOP WELD

TITLE
 ISI DRAWING - REACTOR BUILDING
 JET PUMP ASSEMBLY DRAWING

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PROJ/ENG	PECC APPR	JOB NO	DWG NO	REV
	10/5/89		LMH	RC	RC	FLG		RCE	8031	XI-BN-4	0



TITLE									
ISI DRAWING - REACTOR BUILDING									
JET PUMP ASSEMBLY									
(DETAIL A, B, A-A)									
JOB NO	8031	DRG NO	XI-BN-4	REV	0				

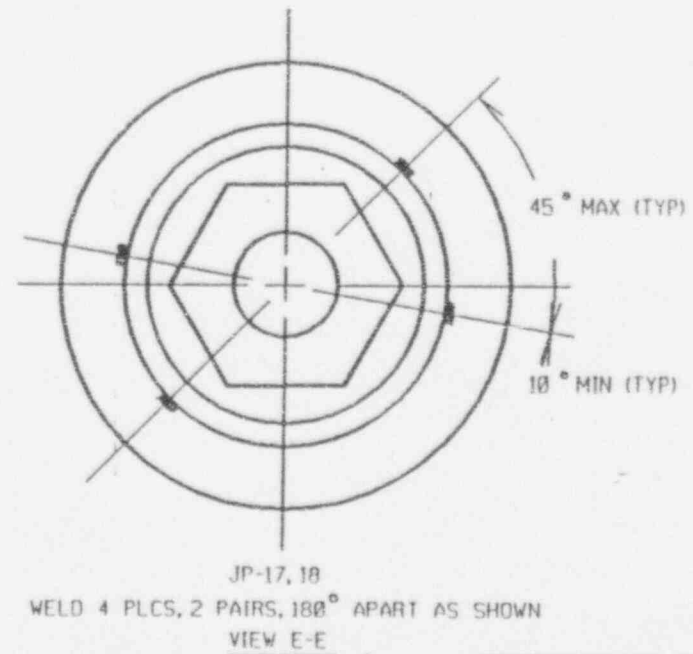
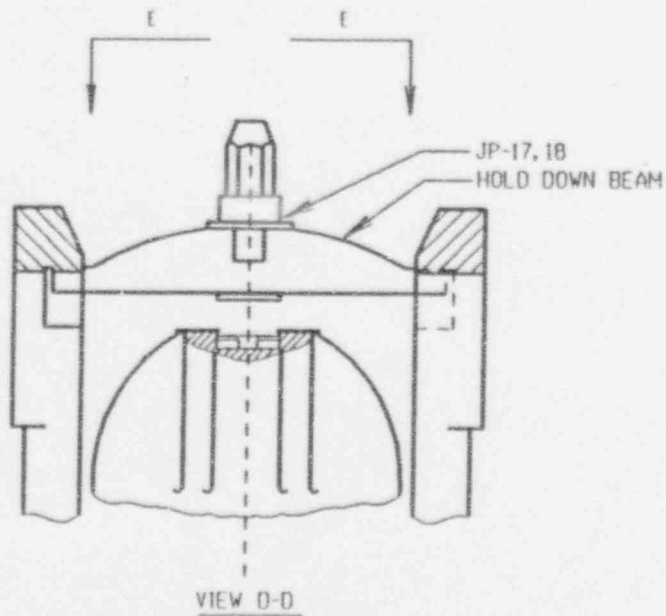
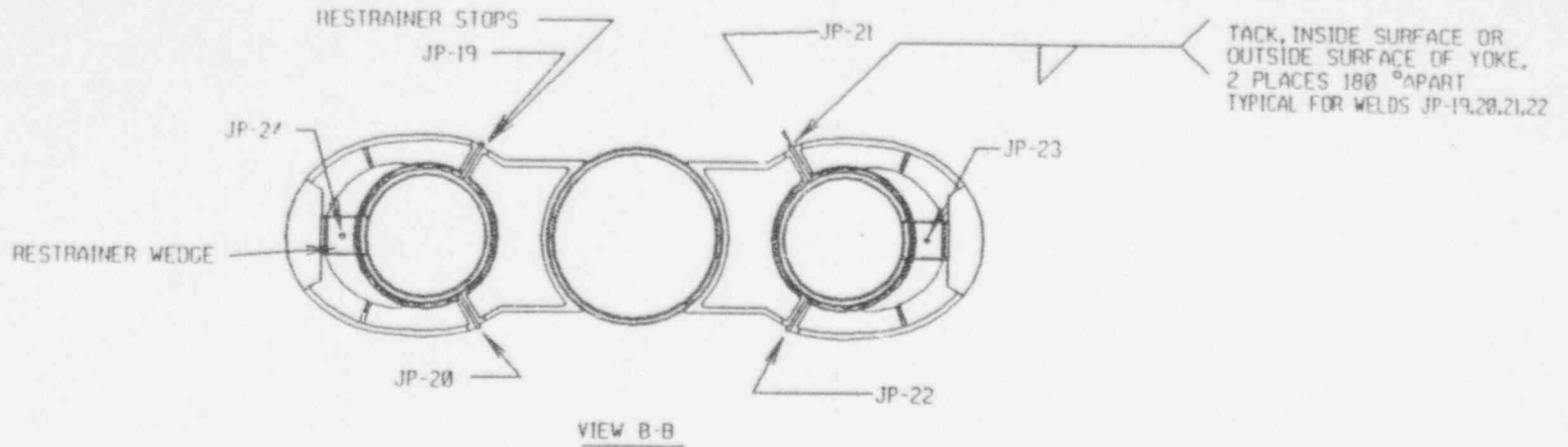
Rec'd
10 11 69

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	DRWF SUP	PROG ENG	PECO APPR
1	10/5/69		MDC	JP/SH	RC	RAA ✓	DRE BDM	RSE

PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2

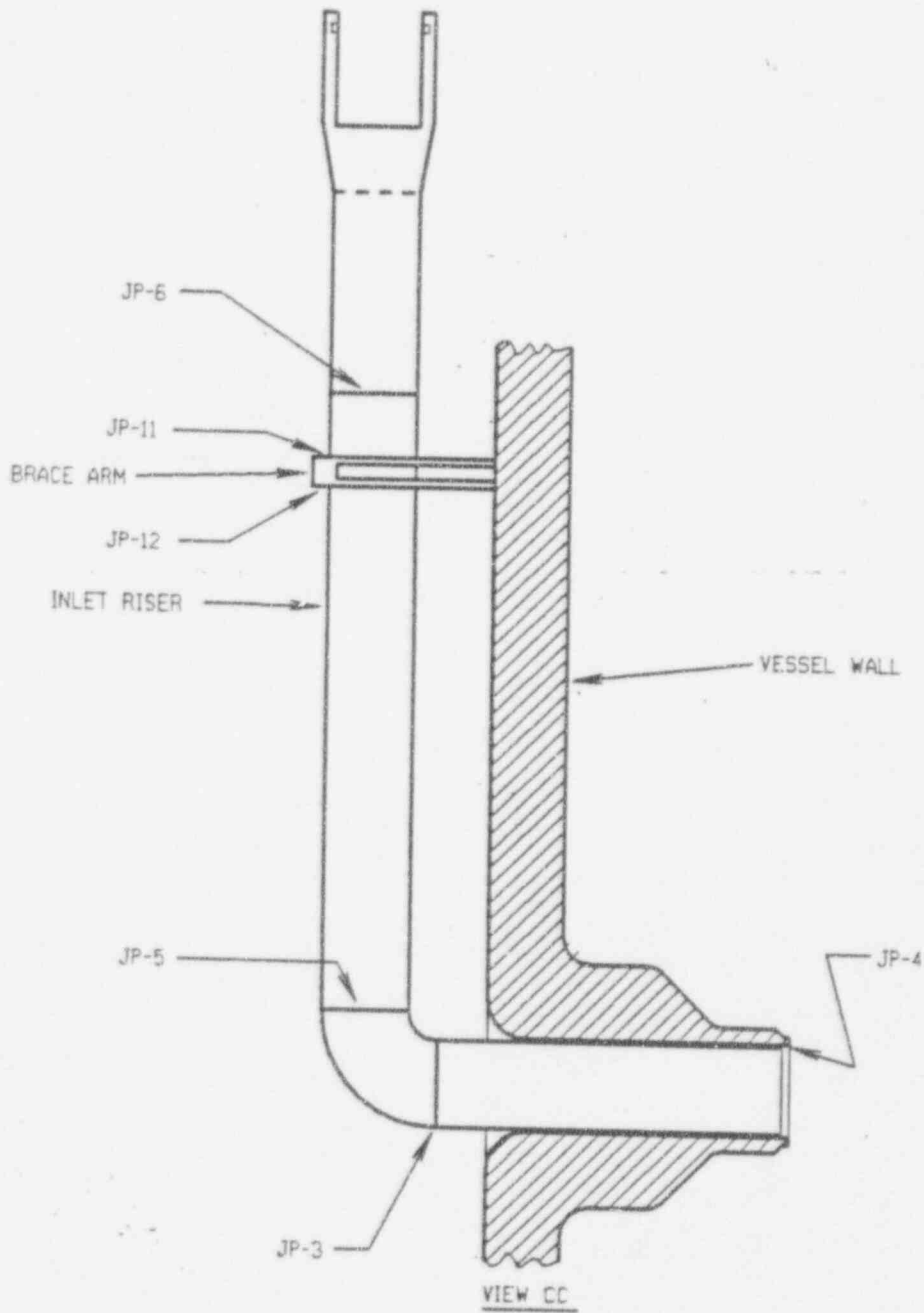
NOT FOR CONSTRUCTION

PAGE 3 OF 7



TITLE		ISI DRAWING - REACTOR BUILDING JET PUMP ASSEMBLY (DETAIL B-B, D-D, E-E)		
JOB NO	8031	DWG NO	XI-BN-4	REV

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PRD END	PECD APPR
10-11-89	10/5/89		LMH	RC	RC	FLG	OK BDW	PLF



Rec'd
10-11-89

TITLE	
ISI DRAWING - REACTOR BUILDING JET PUMP ASSEMBLY (MIXER DETAIL)	
JOB NO	DWG NO
8031	XI-BN-4
REV	0

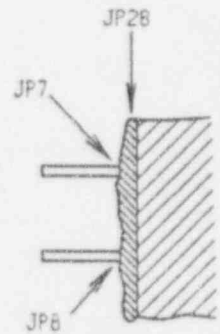
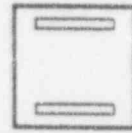
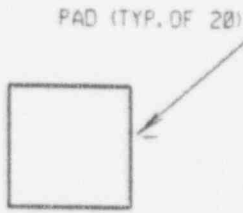
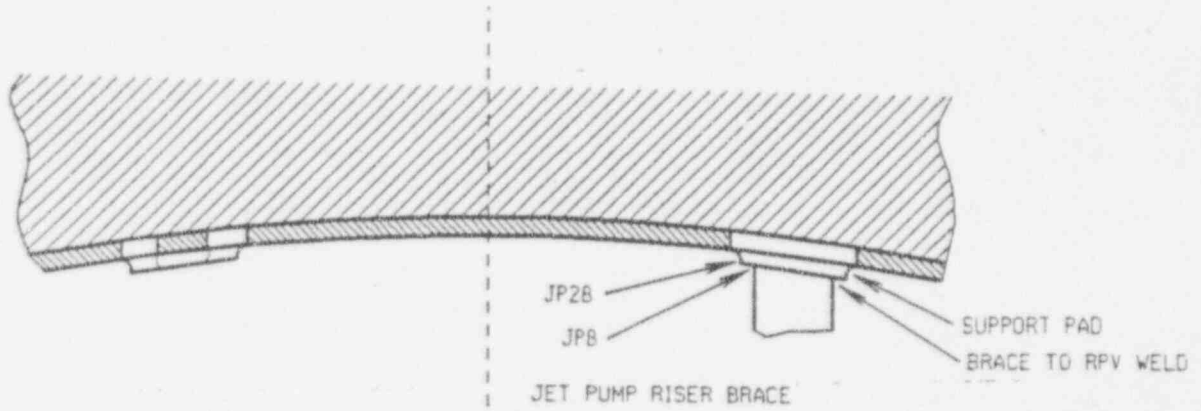
REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP S/P	PROF. ENG	PECO APPR
1	10/5/89		LMH	JP-2011	RC	FLG	BDM	RSE

PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2

NOT FOR CONSTRUCTION

PAGE 5 OF 7

(302" RPV ELEV)

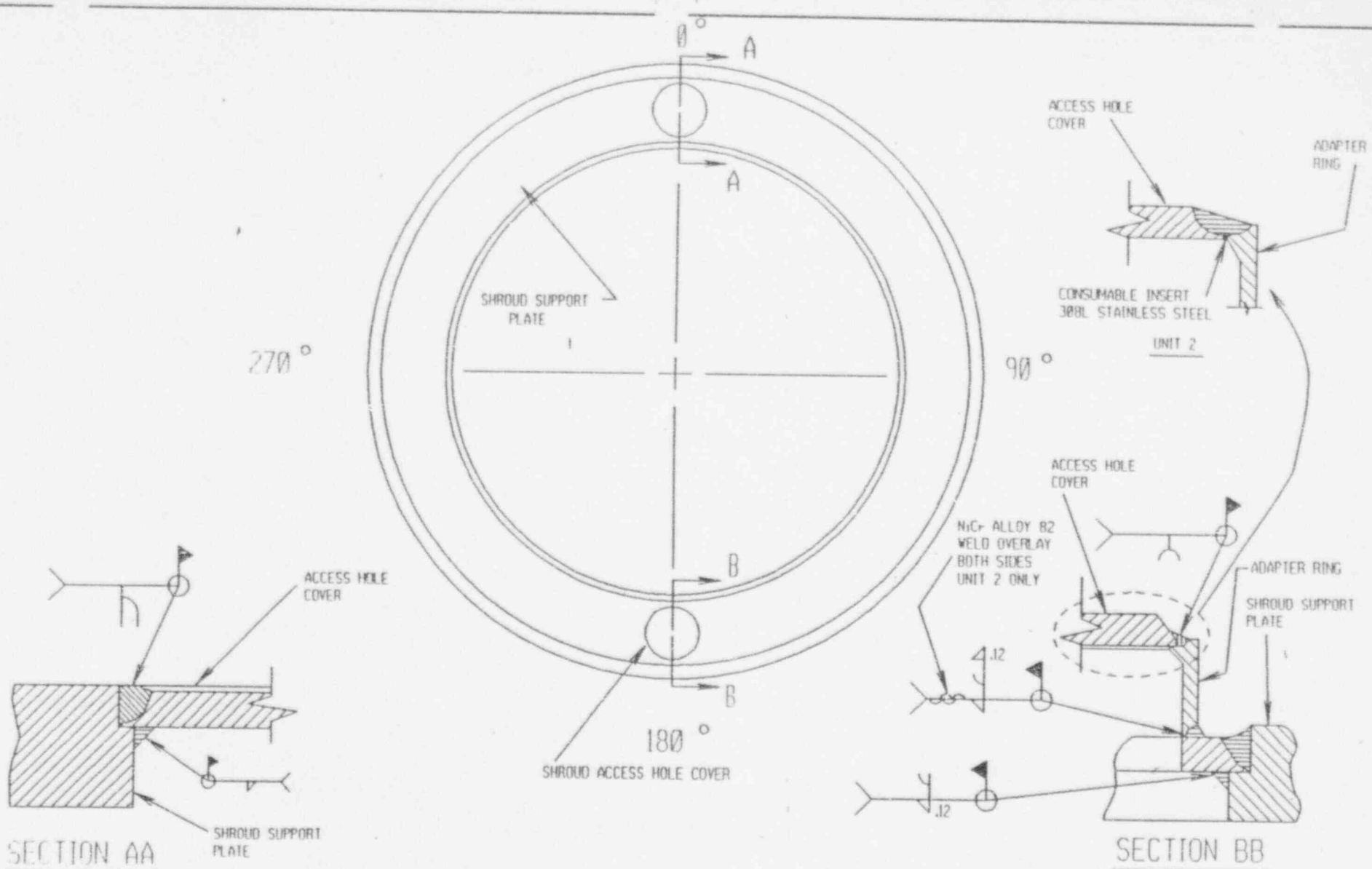


N2 NOZZLE

Reid
10-11-89

TITLE
ISI DRAWING - REACTOR BUILDING
JET PUMP RISER SUPPORT PAD
(302" RPV ELEV.)

REV	DATE	DESCRIPTION	CHK'D	ISI ENG	GROUP	SUP/PAC/ENG	PECCO APPR	JOB NO	DWG NO	REV
	10/5/89	FOR 1ST INTERVAL	MH	JP-SH	RC	FILE	RSE	8031	XI-BN-4	0
PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2								NOT FOR CONSTRUCTION		PAGE 6 OF 7



SECTION AA

SECTION BB

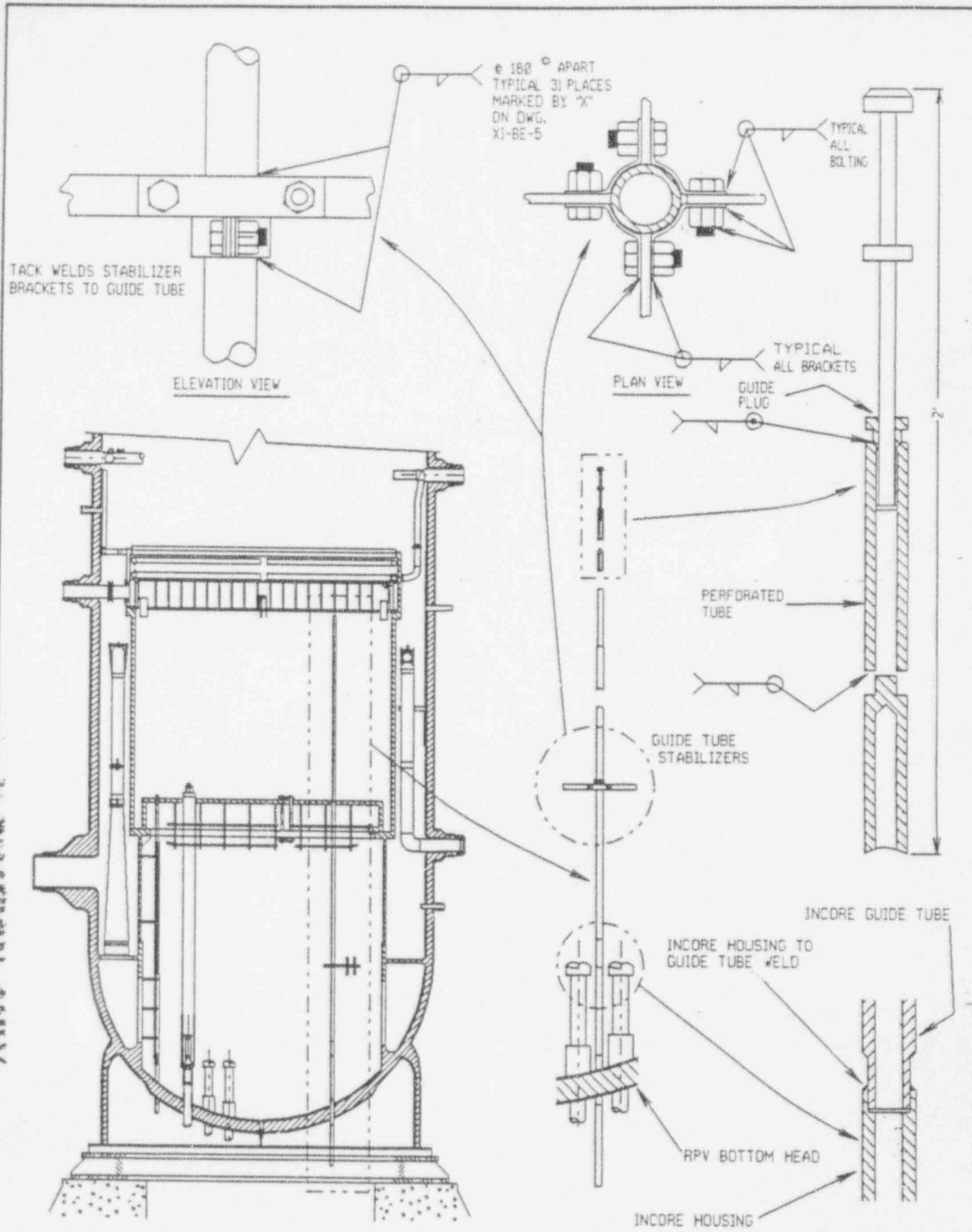
REF DWG:
 13707717
 11202825
 16409601
 REF DOC:
 220411
 FTR 131-71030-1 (UNIT 2 ONLY)

Rec'd
 10-11-89

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP	SLIP	PROJ ENG	PECO APPR
0	10/5/89		PSF	TPJ/BM	RC	FLM		DPH/BDM	RSF

TITLE ISI DRAWING - REACTOR BUILDING SHROUD ACCESS HOLE COVER		
JOB NO 8031	DWG NO XI-BN-4	REV 0

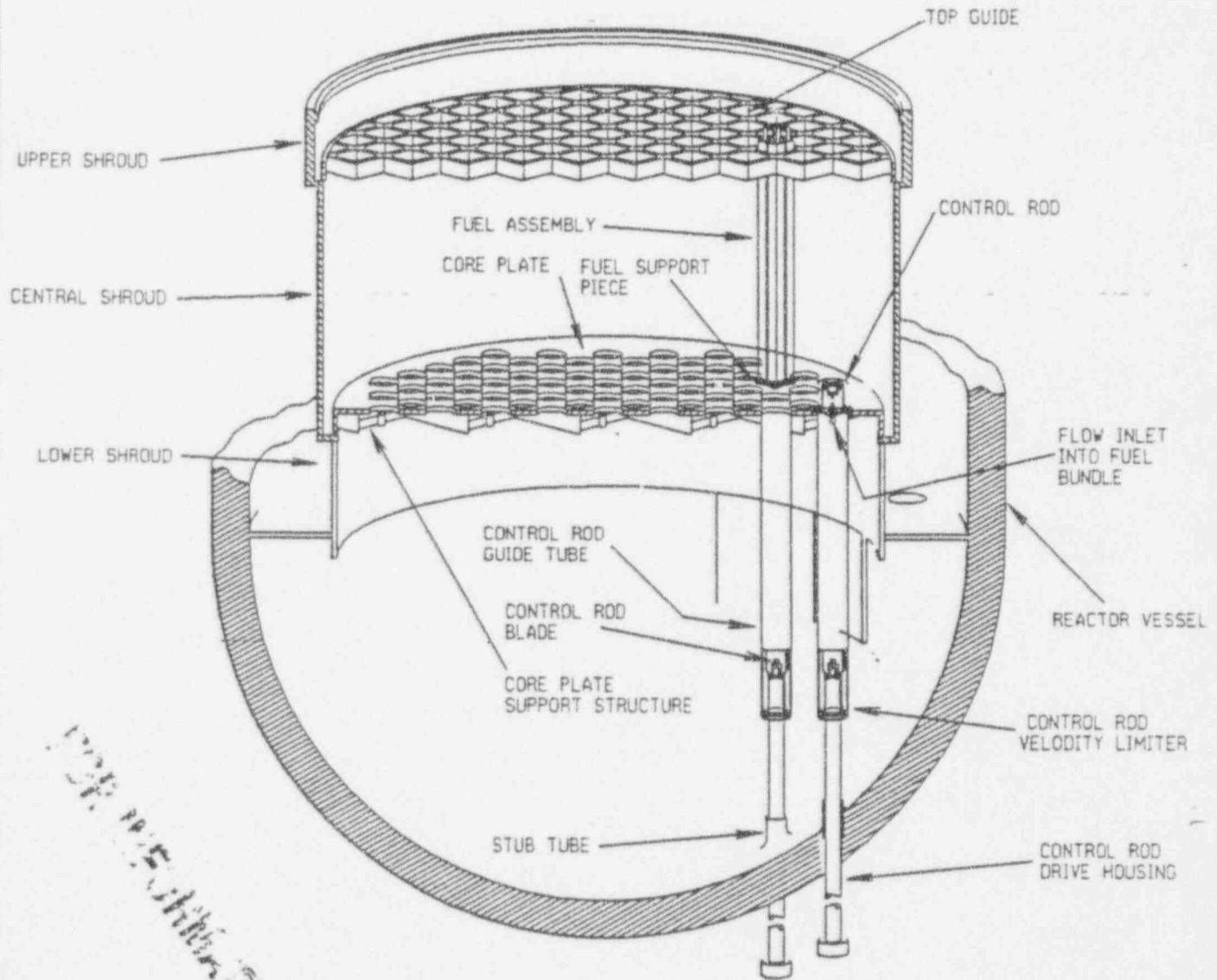
FOR INFORMATION ONLY



Rec'd
10-11-59

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP	SUP	PROJ/ENG	PECCO APPR	JOB NO.	DWG NO.	REV
1	10/5/59		PST	RC	RC	PLG		JPM/EDM	RC	8031	XI-BN-5	0

TITLE
 ISI DRAWING - REACTOR BUILDING
 INCORE ASSEMBLY



FOR INFORMATION ONLY

Rev'd
10-11-69

TITLE
ISI DRAWING - REACTOR BUILDING
CONTROL ROD ASSEMBLY

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PROJ ENG	PECO APPR	JOB NO	DWG NO
△	10/5/69		RCK	gsm	RC	FLG	BDM	RLF	8031	XI-BN-6

CONNECTION TO CONTROL ROD GUIDE TUBE
SEE DWG. XI-BN-7, PG. 4

CRD HOUSING TO STUB TUBE WELD
SEE DWG. XI-BE-3

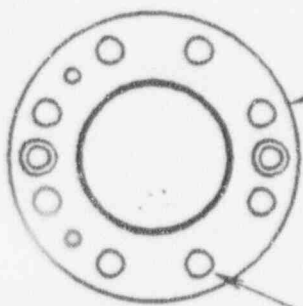
STUB TUBE

STUB TUBE TO BOTTOM HEAD WELD
SEE DWG. XI-BE-3

RPV BOTTOM HEAD

CRD HOUSING

TYPICAL CRD HOUSING
ASSEMBLY
WELDS



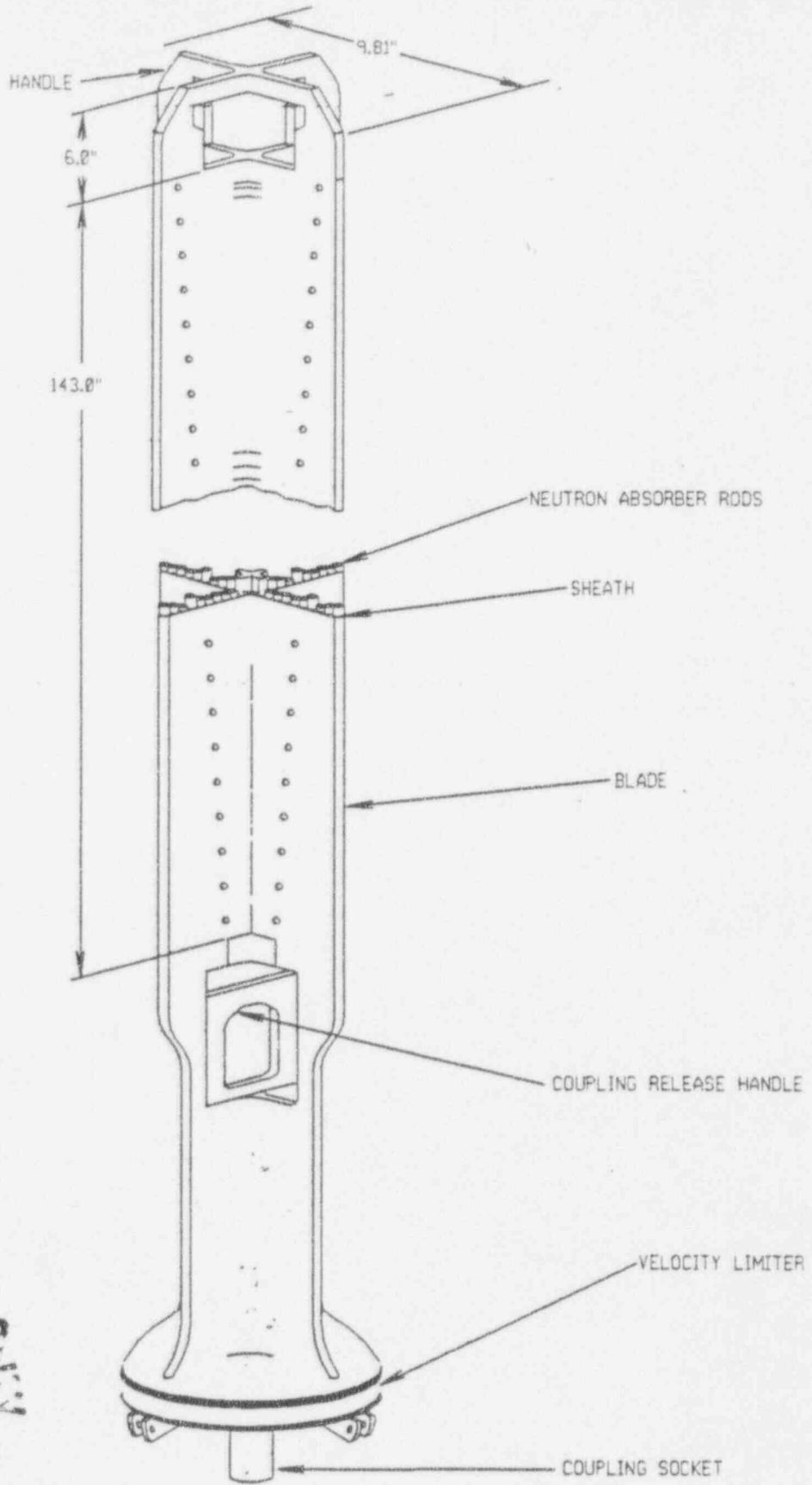
SECTION A-A

8 CAP SCREWS
MPL B11 D153

8 WASHERS
MPL B11 D152

TITLE
ISI DRAWING - REACTOR BUILDING
CRD HOUSING

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SLIP	PROJ. ENG	PECC APPR	JOB NO	DWG NO	REV
	10/6/89		PBT	RC	RC	PLG	PLG	RSF	8031	XI-BN-6	0

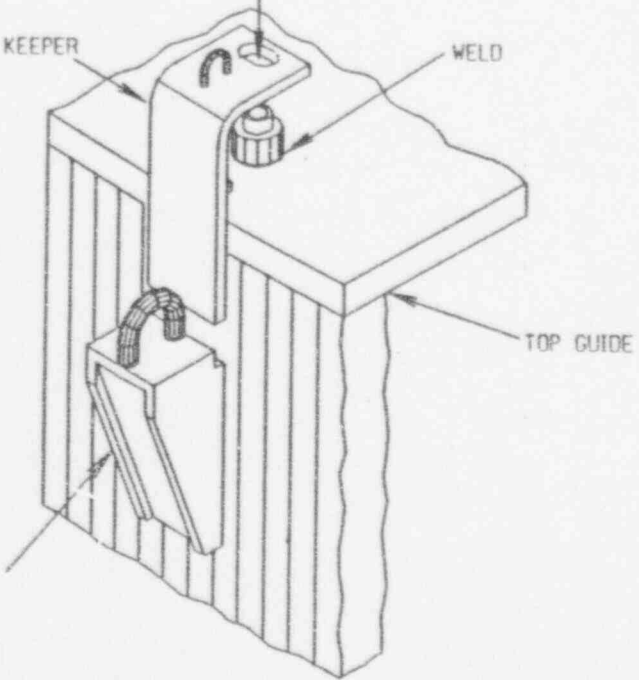
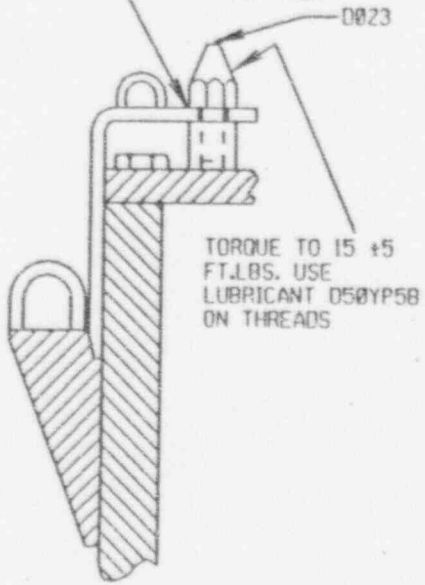
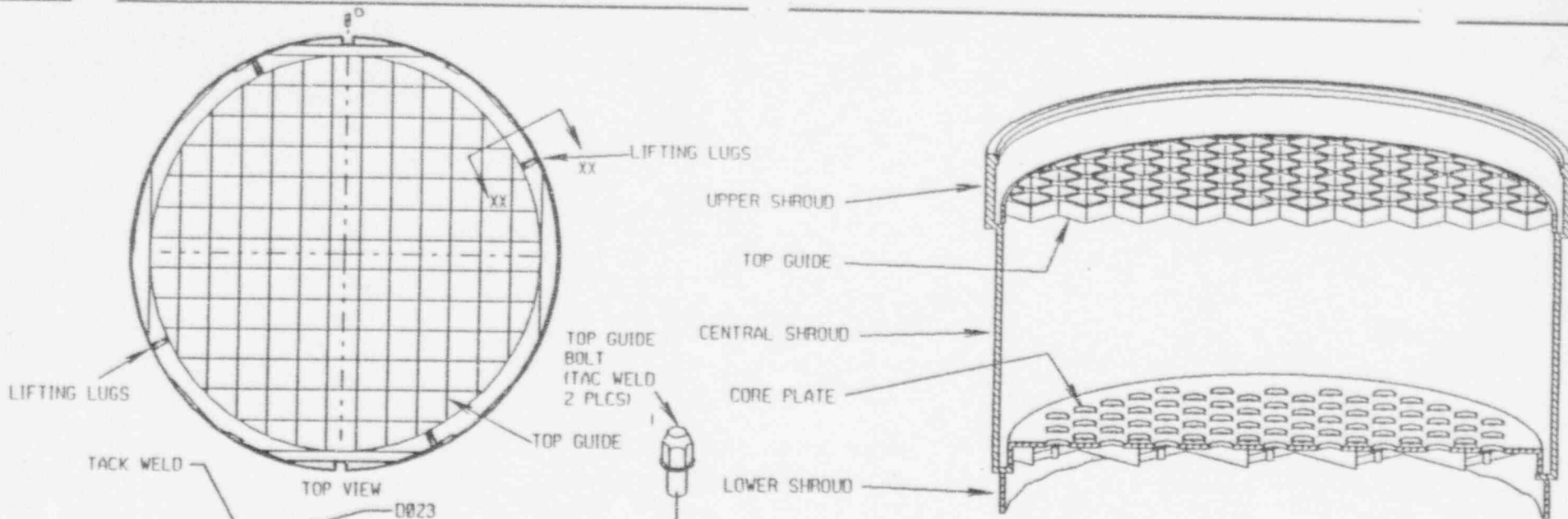


FOR INFORMATION ONLY

TITLE
 ISI DRAWING - REACTOR BUILDING
 CONTROL ROD

Rec'd
 10/11/69

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL	BY	CHKD	ISI ENG	GROUP	SLIP	PROJ/ENG	PECO APPR	JOB NO	DWG NO	REV
1	10/5/69		PST	TRM	RC	TRM	6	EDM	PSC	8031	XI-16	1



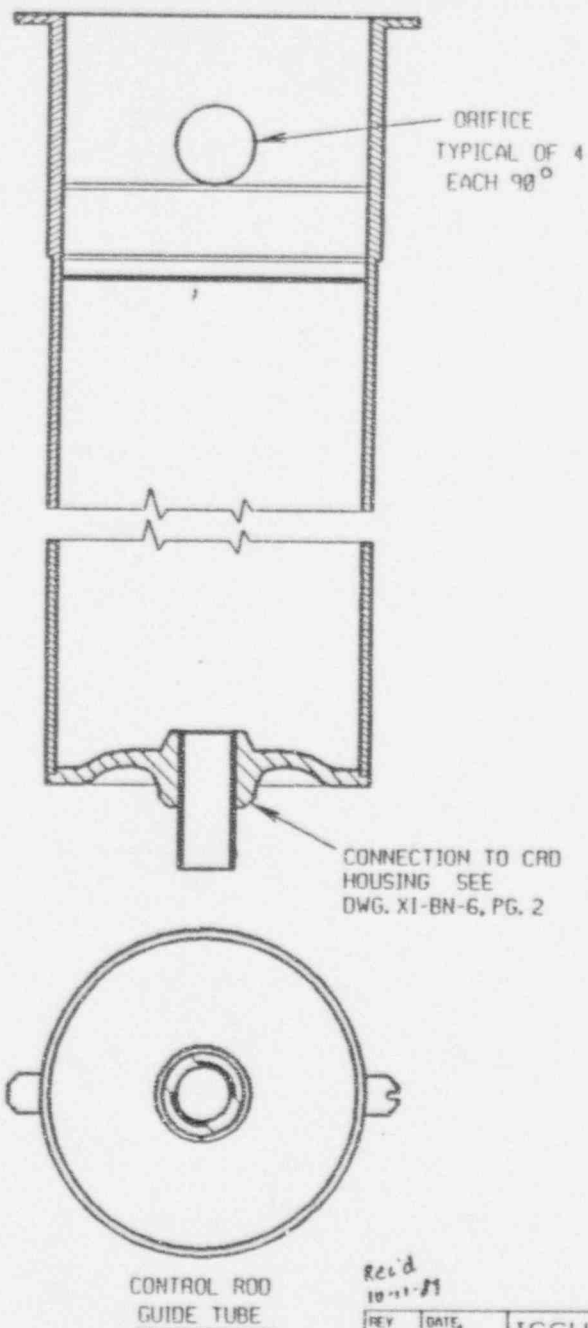
FOR INFORMATION ONLY

TOP GUIDE WEDGE AND KEEPER TYPICAL OF 32, STARTING WITH 0° CLOCKWISE CONSECUTIVELY NUMBERED 1 THROUGH 32

TITLE
ISI DRAWING - REACTOR BUILDING
TOP GUIDE ASSEMBLY

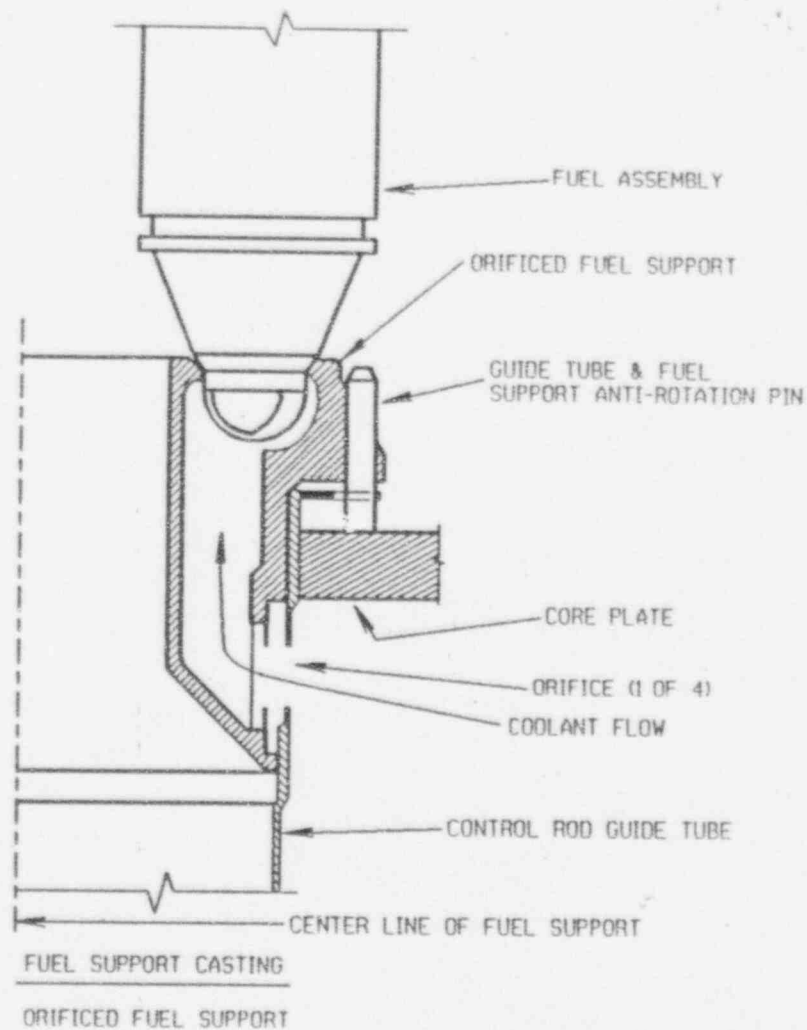
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	10/5/89		MDC	SM	RC	FLC	8DM	RCE	8031	XI-BN-7	0

15ALR22004X01751004



REF DWG:
9200821
10505130
117C.3282

CONTROL ROD
GUIDE TUBE



FUEL SUPPORT CASTING
ORIFICED FUEL SUPPORT

TITLE
ISI DRAWING - REACTOR BUILDING
ORIFICED FUEL SUPPORT

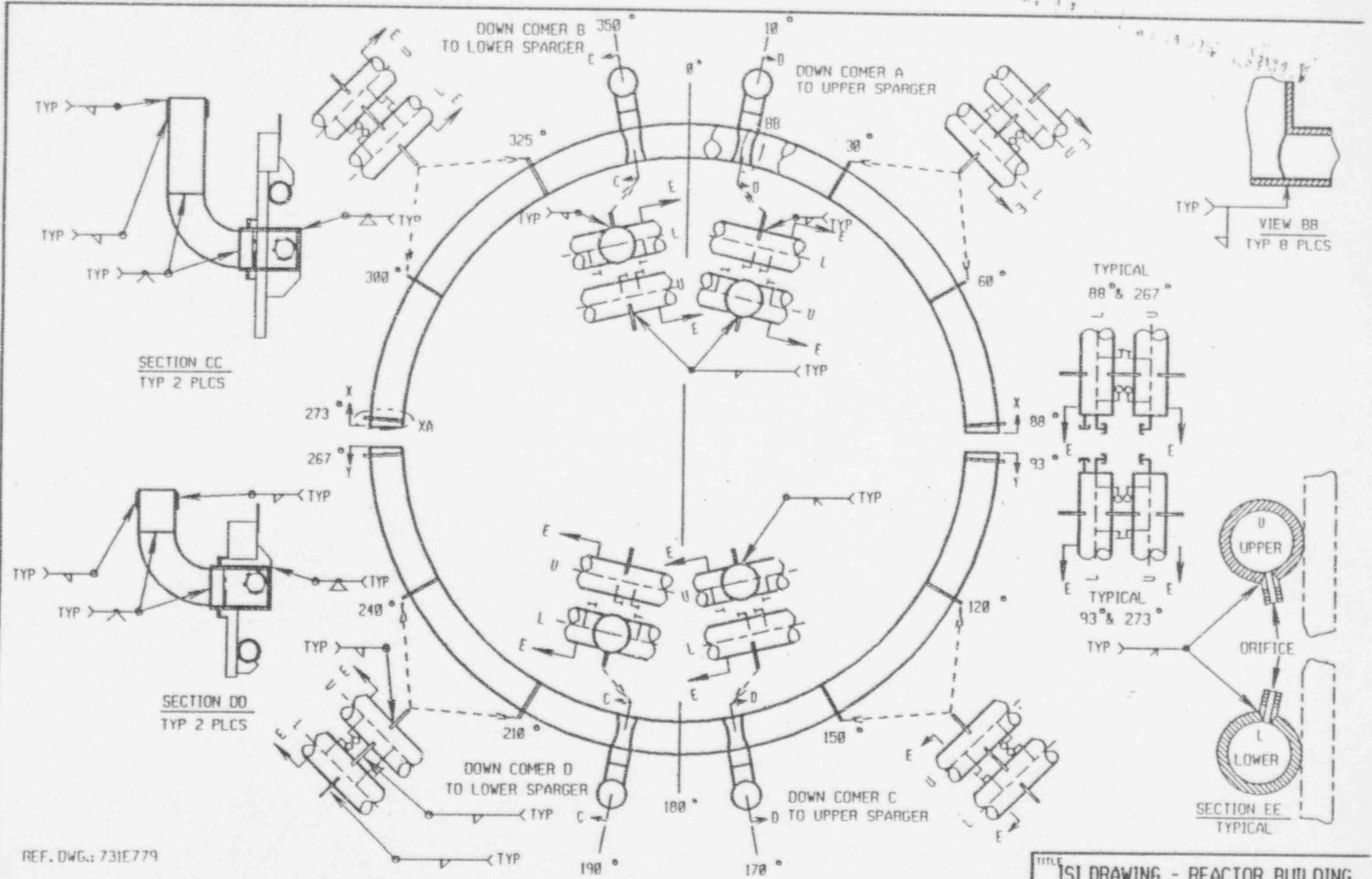
Rec'd
10-11-59

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CRD	ISI ENG	GROUP SUP	PROJ ENO	PECO APPR	JOB NO	DWG NO	REV
	10/5/59		MDC	RC	RC	FLG	K DPA BDM	RSE	8031	XI-BN-7	2

PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2

NOT FOR CONSTRUCTION

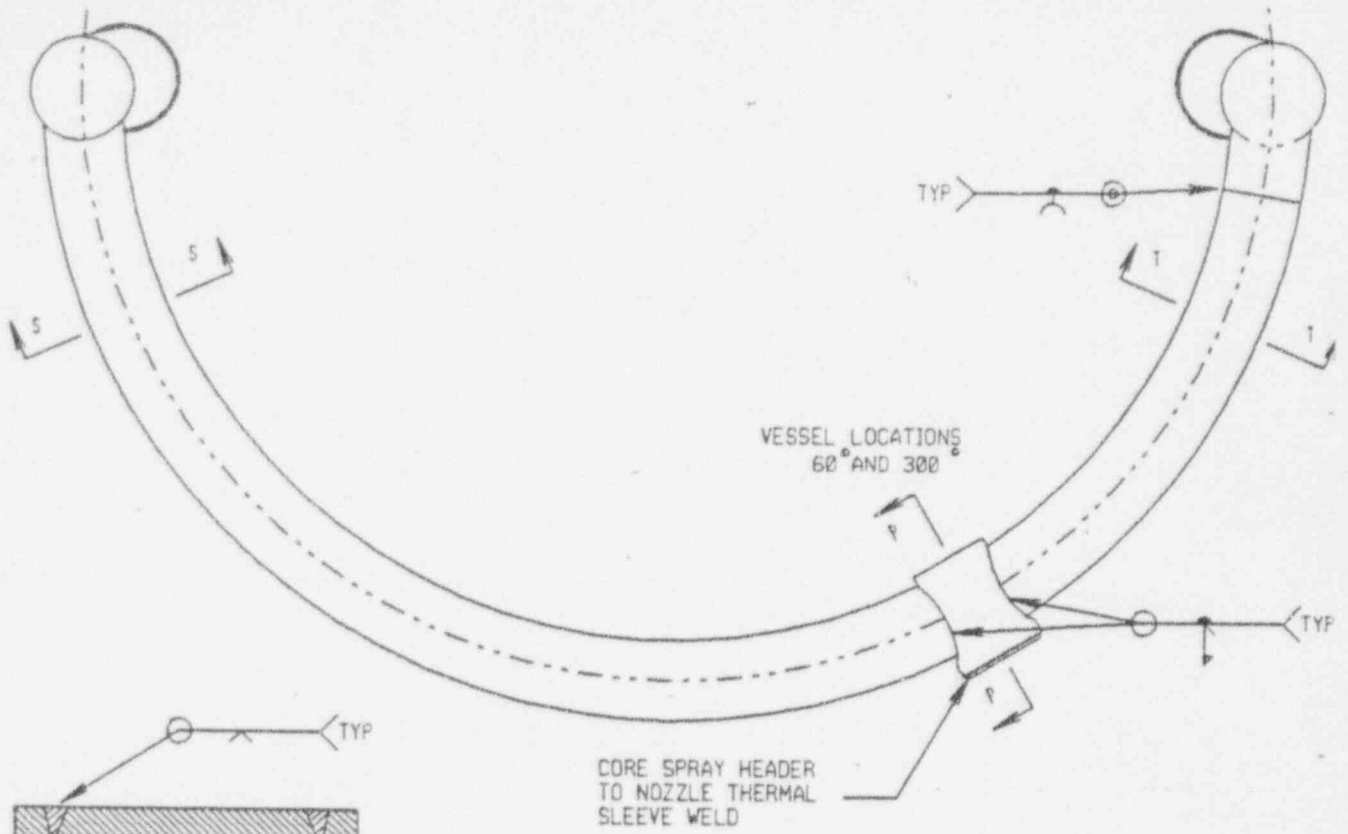
PAGE 4 OF 4



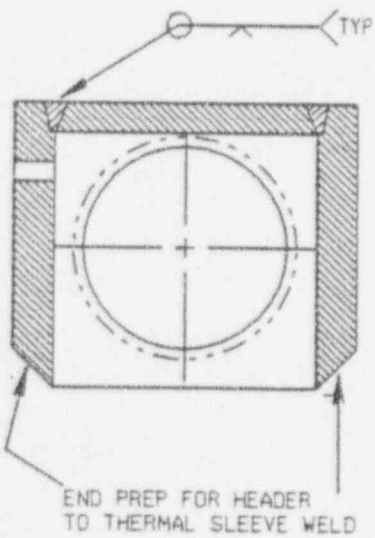
REF. DWG.: 731E779

TITLE ISI DRAWING - REACTOR BUILDING CORE SPRAY SPARGERS									
JOB NO	DWG NO	REV							
8031	XI-BN-8	0							

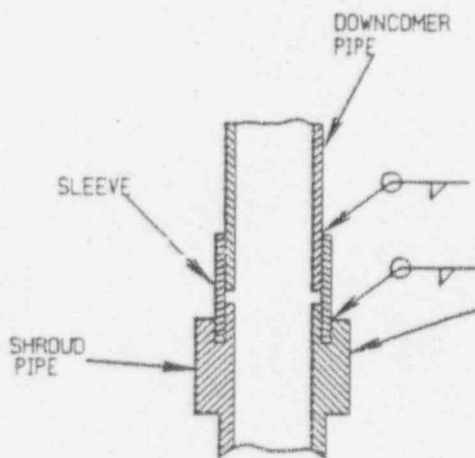
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1	0/11/89		PST	YJM	RC	FLG	20M	PSC	8031	XI-BN-8	0



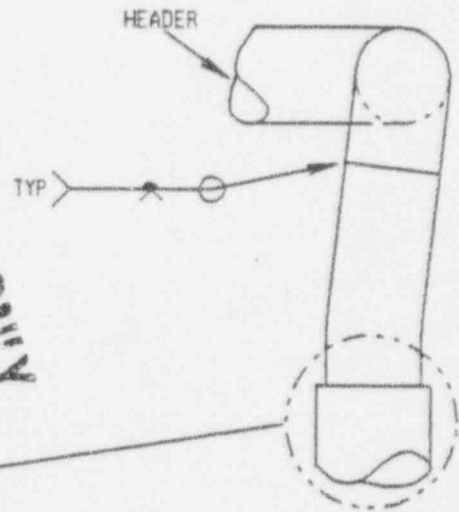
SECTION PP
TYPICAL 2 PLACES



FOR INFORMATION ONLY



DETAIL 1
BOTTOM CONNECTION

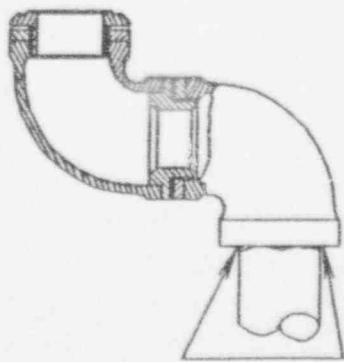
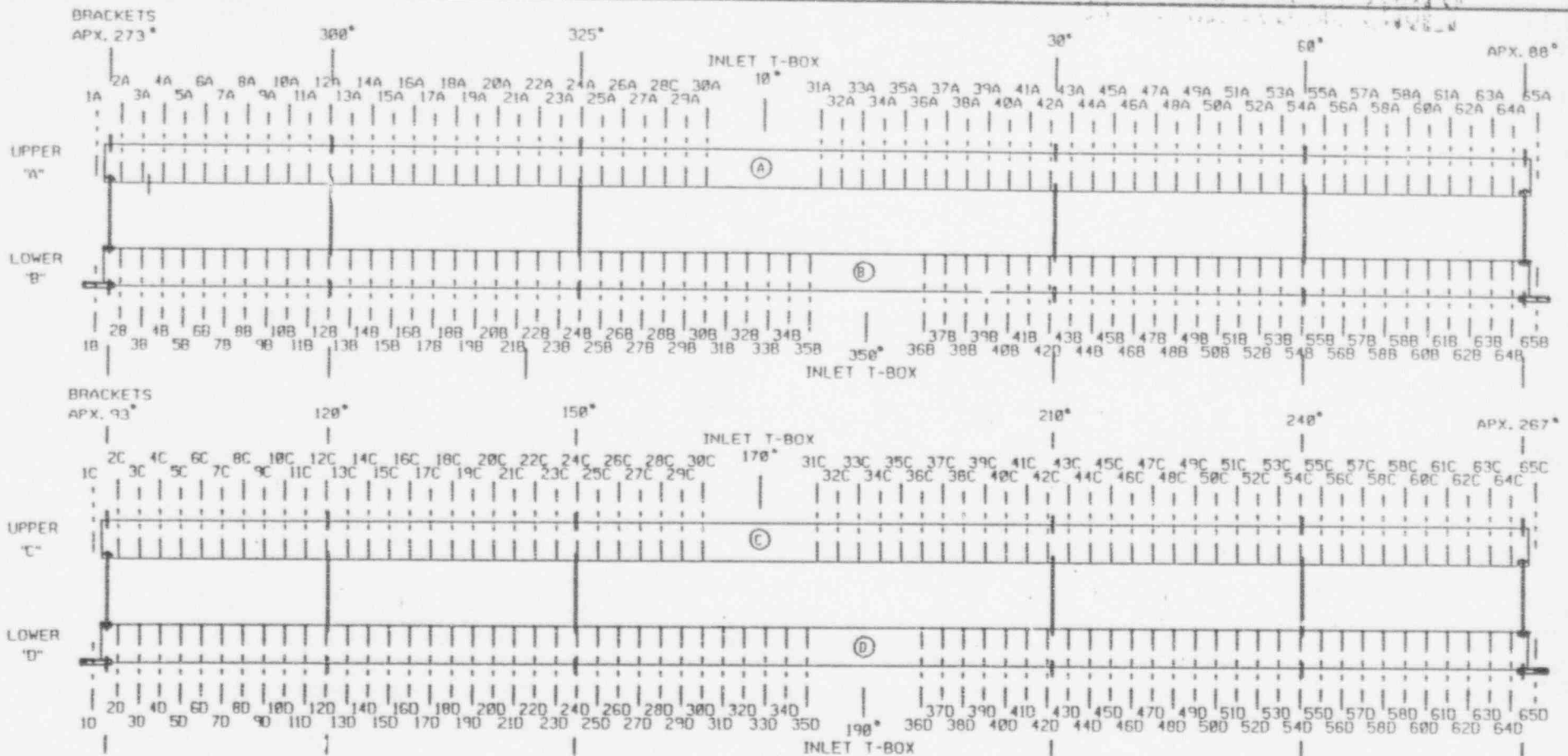


REF: GE DWG. 761E730

10-17-89

TITLE
1SI DRAWING - REACTOR BUILDING
CORE SPRAY HEADERS

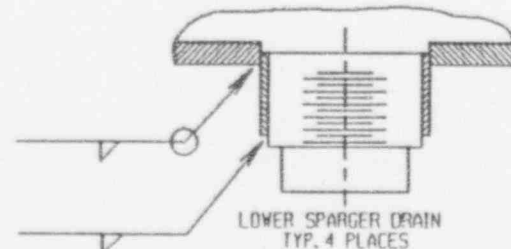
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2 STITCH WELDS
180° APART

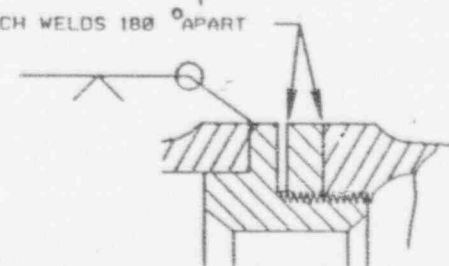


SPRAY NOZZLE
TYP. 65 PLACES



2 STITCH WELDS
180° APART

LOWER SPARGER DRAIN
TYP. 4 PLACES



2 STITCH WELDS 180° APART

TYP. ORIFICE CONNECTION DETAIL

REF. DWG.: 731E779

10-17-69

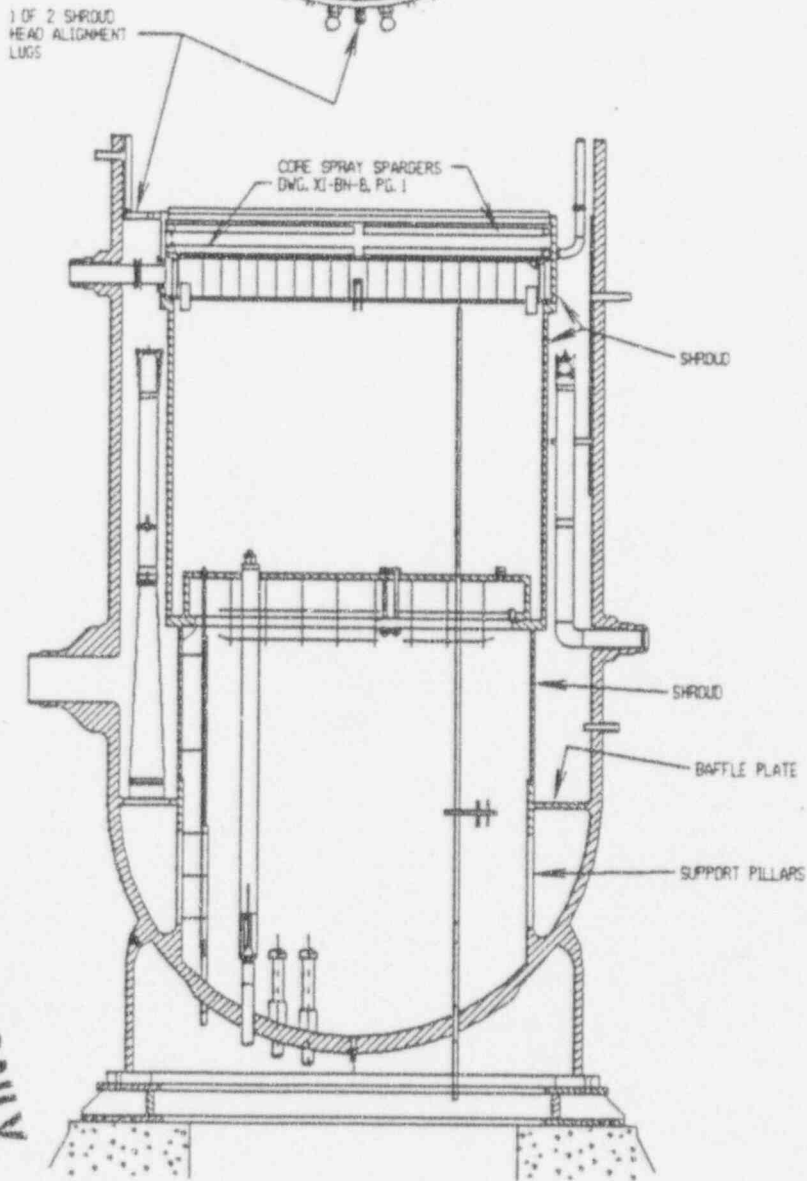
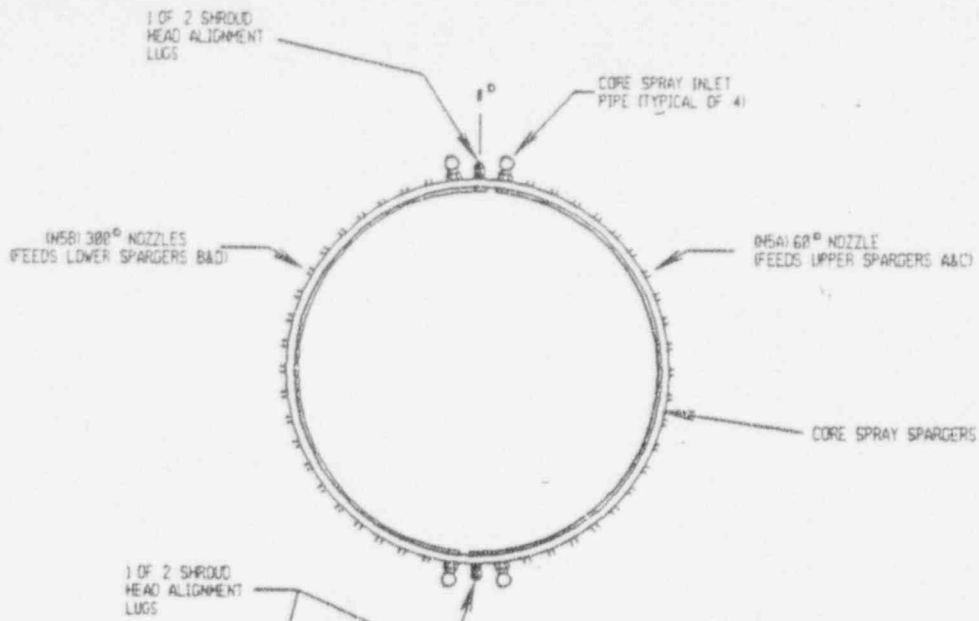
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	10/1/69		PSF	JLN	RC	ALG	BLM	RV	8031	XI-BN-8	0

PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2

NOT FOR CONSTRUCTION

PAGE 2 OF 7

TITLE
ISI DRAWING - REACTOR BUILDING
CORE SPRAY SPARGER DETAIL



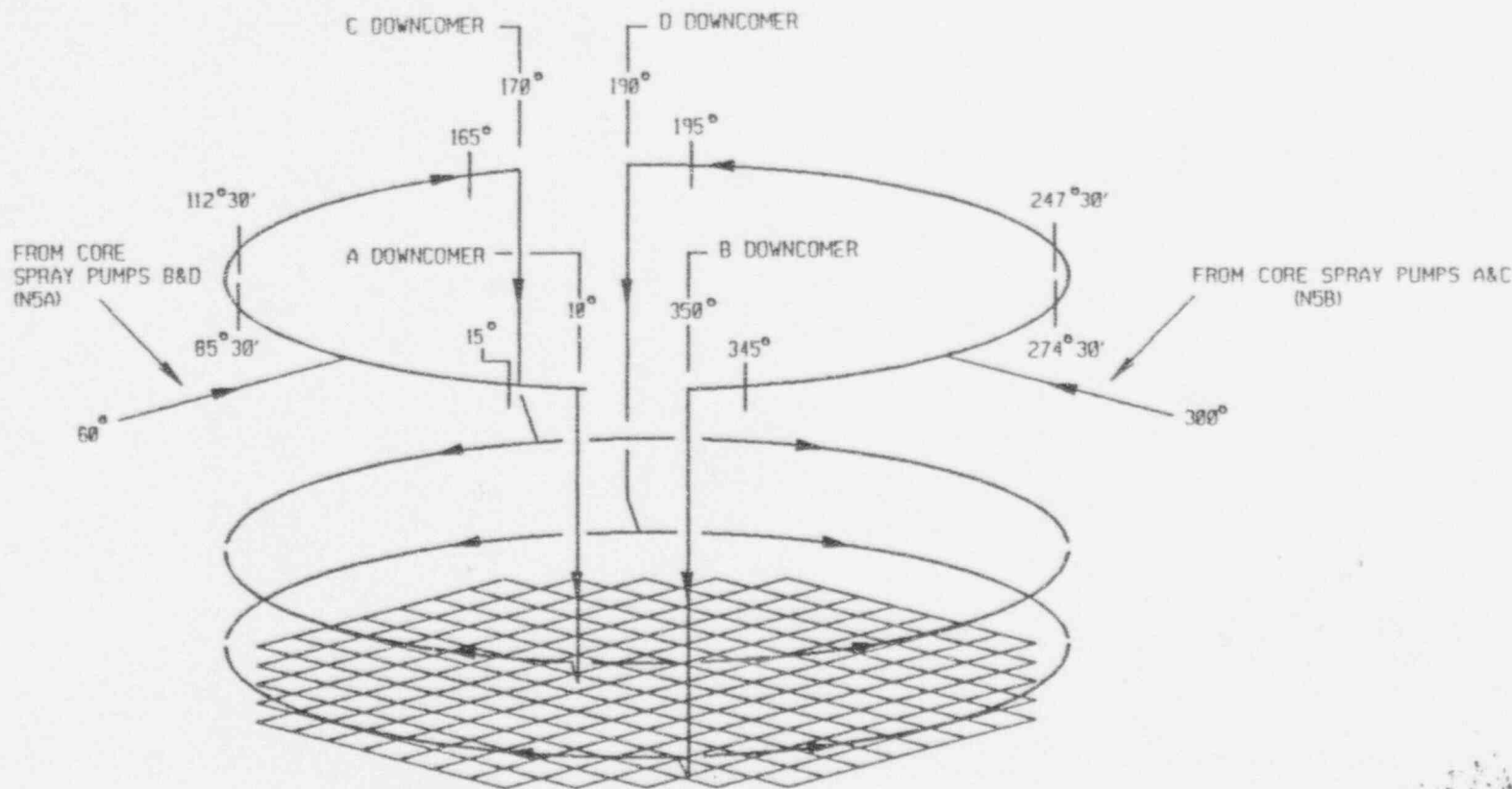
FOR INFORMATION ONLY

TITLE
 ISI DRAWING - REACTOR BUILDING
 SHROUD AND RELATED COMPONENTS

*Mod
 10-17-79*

KEY	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GRUP	SLP	PRG.	ENC	PECO APPR	JOB NO	DWG NO	RE
	10/11/59		PST	PC	PC	RLG				RSE	8031	XI-BN-8	

SCALE: AS SHOWN



CORE SPRAY HEADER BRACKETS 15°, 165°, 195°, & 345°
 CORE SPRAY RADIAL BRACKETS 112°30' & 247°30'
 CORE SPRAY VERTICAL BRACKETS 85°30' & 247°30'

FOR INFORMATION ONLY

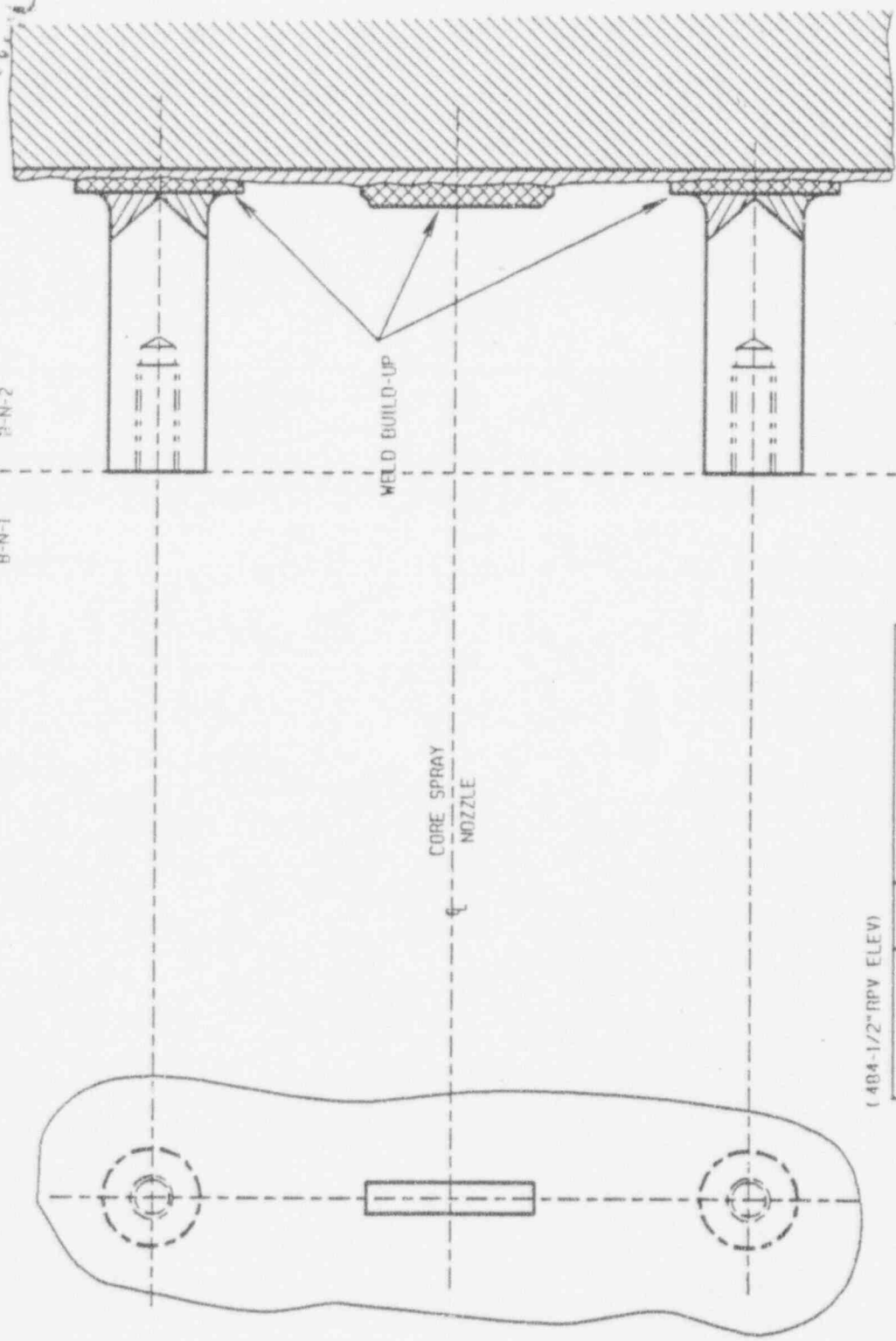
TITLE		ISI DRAWING - REACTOR BUILDING CORE SPRAY LINE FLOW PATH	
JOB NO	8031	DWG NO	XI-BN-8
REV	0		

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHD	ISI ENG	GROUP	SUP	PRD	ENG	PECO APPR
	3/1/87		PST	RC	RC	FLY				RSE

For Inspection ONLY

ASME CODE CATEGORY

B-N-1
B-N-2



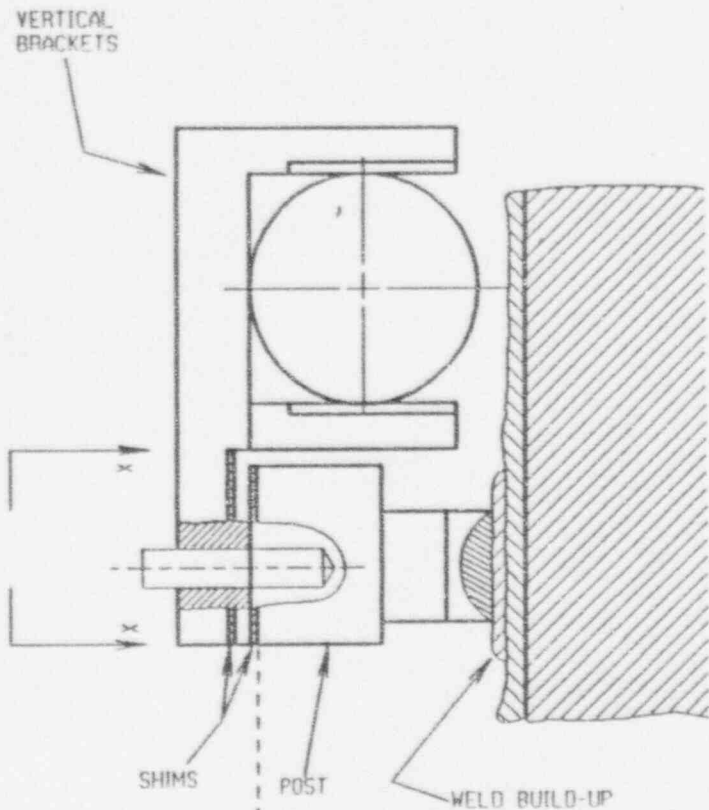
(484-1/2" RPV ELEV)

LOCATION	N5A	A&C SUPPLY HEADER
15° 165°	N5B	B&D SUPPLY HEADER

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	DATE	1ST ENG	GROUP SUP	PROJ/ENG	REC'D APPR
10-17-80	11/18		MDC	28th	RC	FLY	BDM	KLL

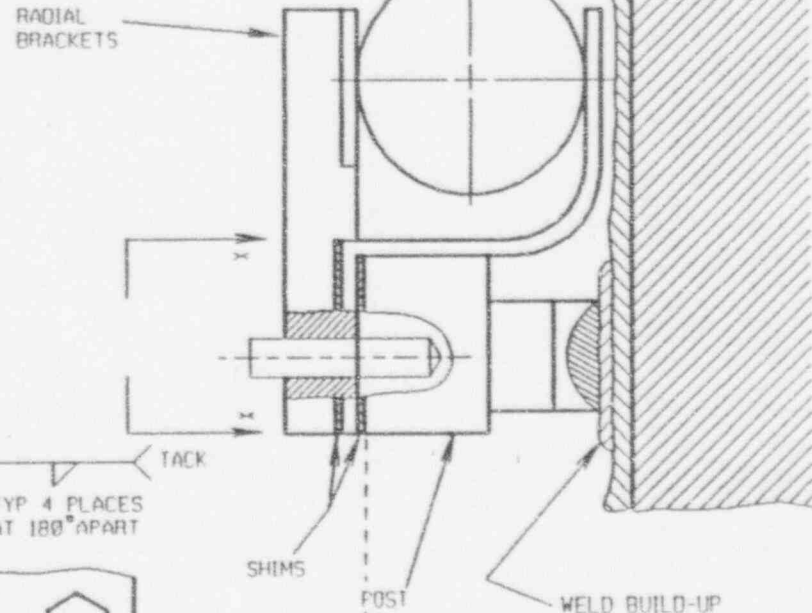
TITLE		JOB NO		DWG NO		REV	
ISI DRAWING - REACTOR BUILDING CORE SPRAY HEADER BRACKET		8031		XI-BN-8		0	

FOR INFO ONLY



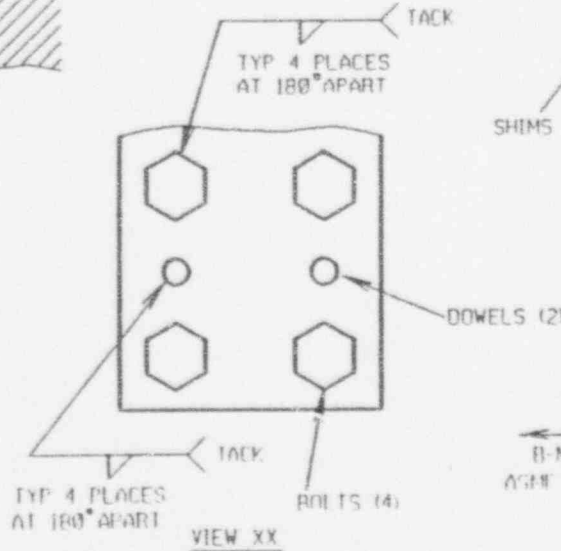
CORE SPRAY VERTICAL BRACKETS
(AZIMUTHS: 85°30' AND 274°30')
(475°RPV ELEV.)

B-N-1 B-N-2
ASME CODE CATEGORY



CORE SPRAY RADIAL BRACKETS
(AZIMUTHS: 112°30' AND 247°30')
(475°RPV ELEV.)

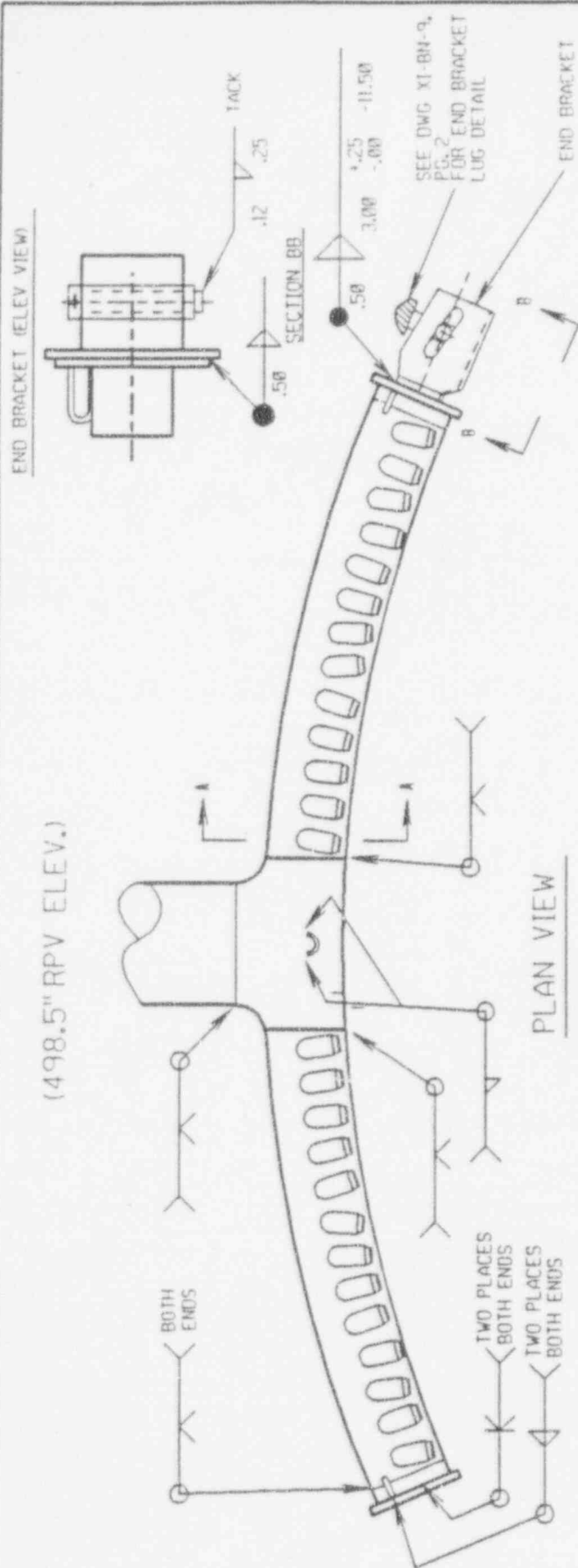
B-N-1 B-N-2
ASME CODE CATEGORY



ISI DRAWING - REACTOR BUILDING
CORE SPRAY HEADER
(VERTICAL & RADIAL BRACKETS)

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	1ST ENG	DRW'G SUP	PROJ. MGR	PEOJ. APP	JOB NO	TRNG NO	REV
	10/11/89		MDC	JAM	RC	FLK	W	BDM	8031	XI-BN-8	0

Handwritten notes:
10/11/89
MDC



(498.5" RPV ELEV.)

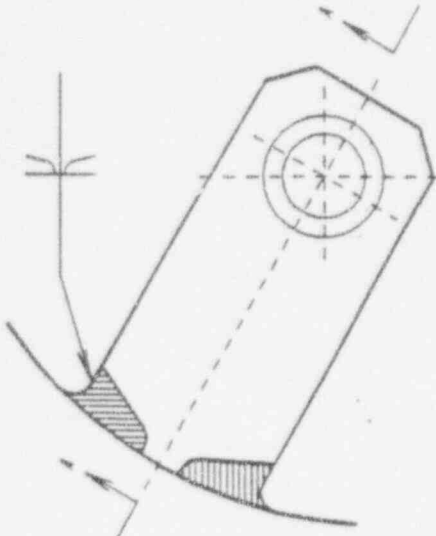
LOCATION	
NOZZLE	AZIMUTH
N4A	30°
N4B	90°
N4C	150°
N4D	210°
N4E	270°
N4F	330°

REC'D
10-11-89

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	DRG/SLP	PROJ/ENG	PECO APPR	JOB NO.	DWG NO.
	10/6/89		MDC	RC	RC	PLG/W	DOB/BDM	RSE	8031	XI-BN-9

TITLE
ISI DRAWING - REACTOR BUILDING
FEEDWATER SPARGER

(RPV ELEV. 498.5')



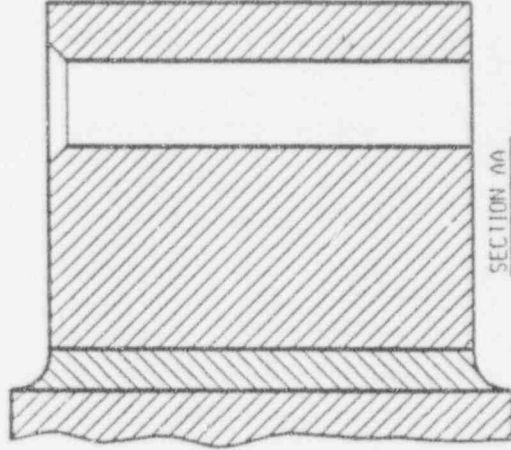
BRACKET DETAIL

(TYP. 12 PLACES, ONE AT EACH END OF 6 (TOTAL) FEEDWATER SPARGERS)

FEEDWATER NOZZLE

FEEDWATER END BRACKET LUG (TYP. 2 PLACES)

RPV



SECTION AA

11111
 ISI DRAWING - REACTOR BUILDING
 FEEDWATER SPARGER
 END BRACKET LUGS

REV	NO	DATE	BY	CHKD	APP'D	DATE	REV
0							0

8031

XI-BN-9

NOT FOR CONSTRUCTION

PAGE 2 OF 2

PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2

ISSUED FOR 1ST

INSPECTION INTERVAL

BY MIC

CHKD

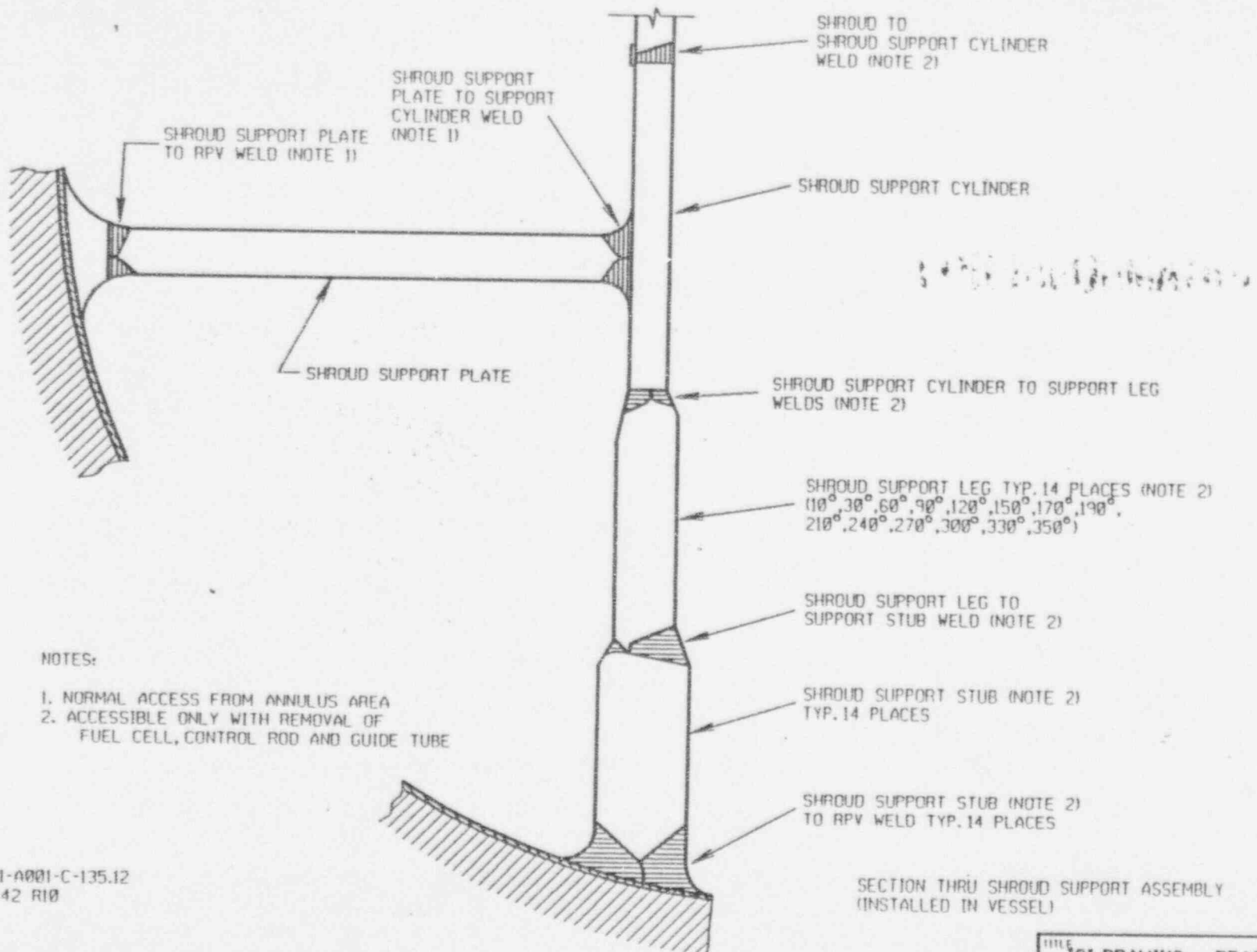
APP'D

DATE

REV

NO

DATE



NOTES:

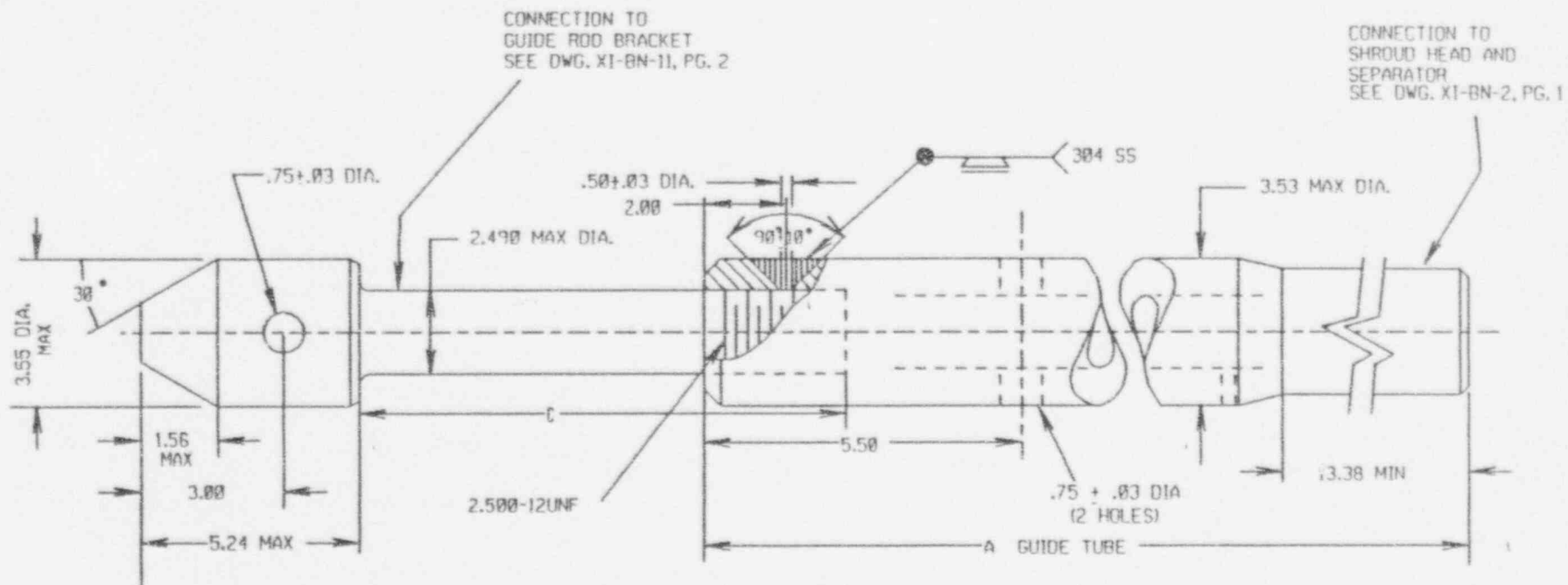
- 1. NORMAL ACCESS FROM ANNULUS AREA
- 2. ACCESSIBLE ONLY WITH REMOVAL OF FUEL CELL, CONTROL ROD AND GUIDE TUBE

REF. DWGS:
 8031-MI-B.11-A001-C-135.12
 69-5401&2 42 R10

SECTION THRU SHROUD SUPPORT ASSEMBLY
 (INSTALLED IN VESSEL)

TITLE
 ISI DRAWING - REACTOR BUILDING
 SHROUD SUPPORT ASSEMBLY

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	FRG/ENG	PECO APPR	JOB NO	DWG NO	T.T.
10-11-69	01/5/69		LMH	7/2/69	RC	PLG	JPA BDM	RC	8031	XI-BN-10	0



FOR INFORMATION ONLY

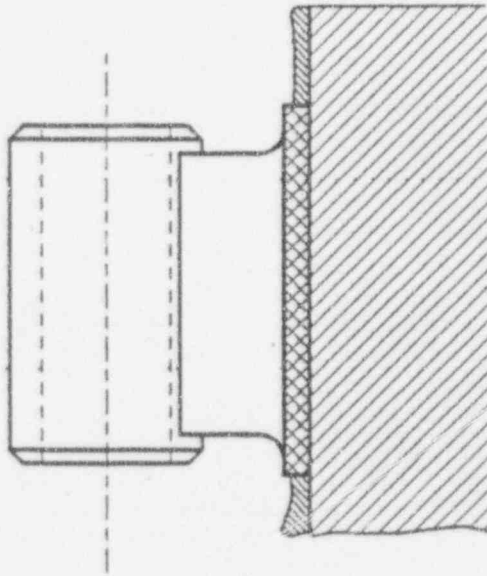
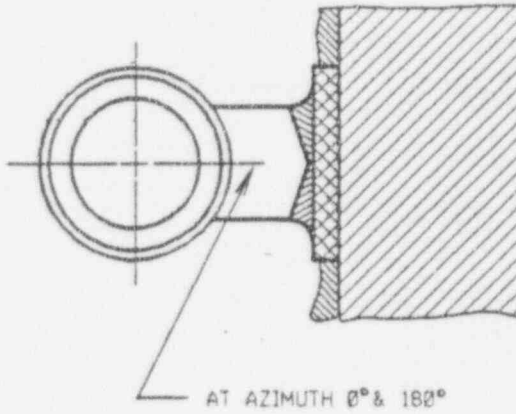
REF DWG. 117C4346

*10/11/89
Kerry
10/17/89*

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP	SUP	PROJ. ENG	PECO APPR	JOB NO	DWG NO	REV
	10/11/89		LMH	RC	RC	PLG	6/2	10/11/89	RC	8031	XI-BN-11	0
PHILADELPHIA ELECTRIC COMPANY LGS UNITS 1 & 2										NOT FOR CONSTRUCTION		PAGE 1 OF 2

TITLE
ISI DRAWING - REACTOR BUILDING
GUIDE ROD

(739" RPV ELEV.)



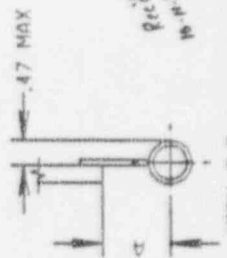
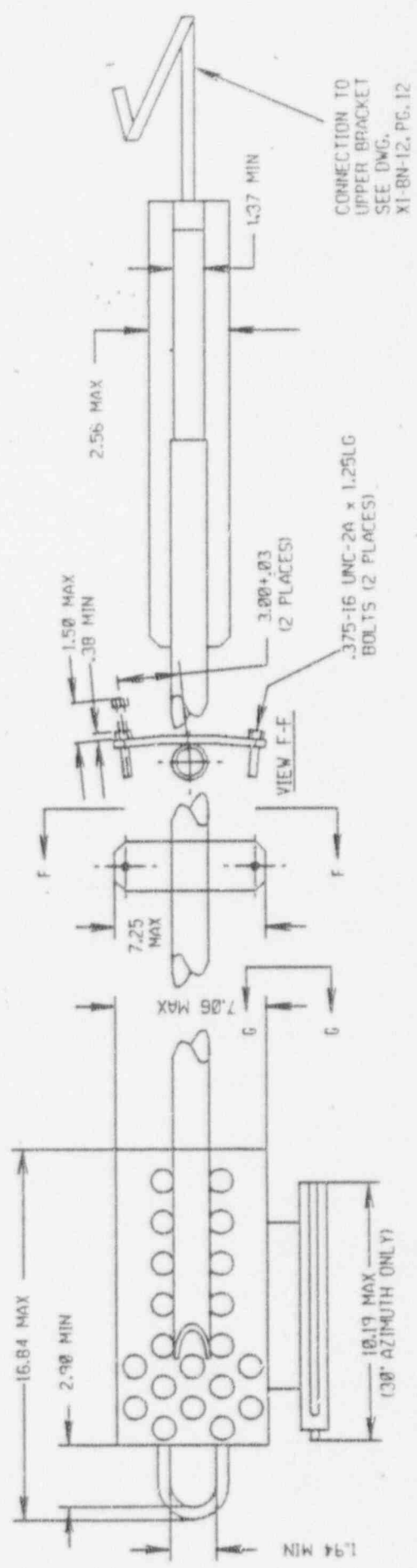
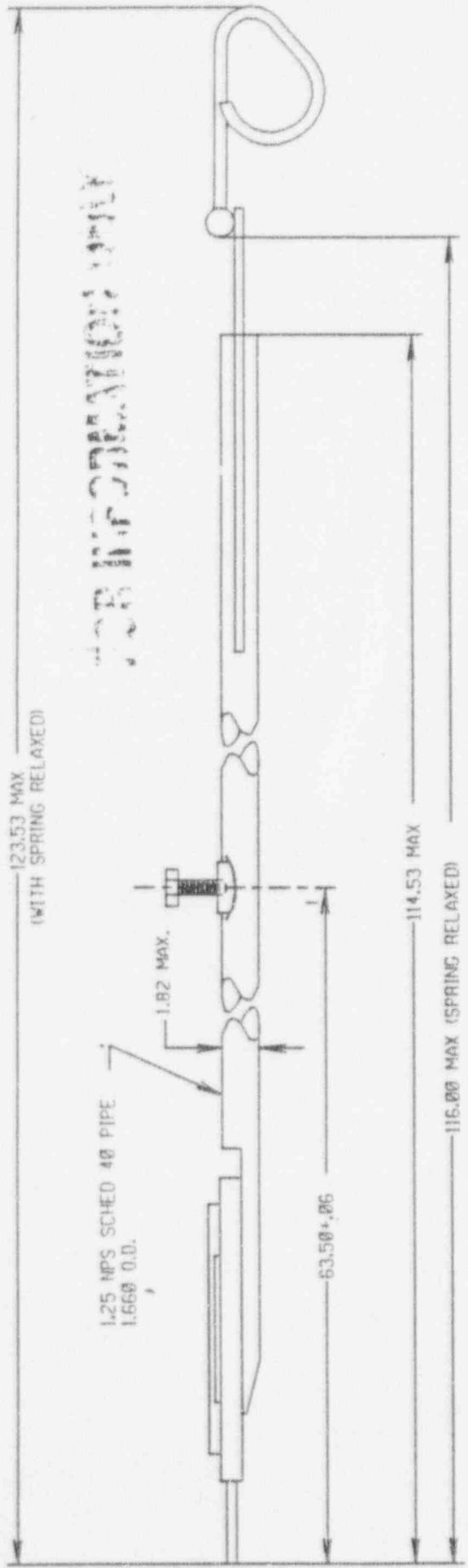
FOR INFO ONLY

58-11-01
Rev

TITLE
1ST DRAWING - REACTOR BUILDING
GUIDE ROD BRACKET

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY LMH	CHKD RC	1ST ENG RC	DROLF SLIP FLG	PRICE ENG DPA	PECC APPR RSE	JOB NO 8031	DWG NO XI-BN-11
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SPECIFICATION



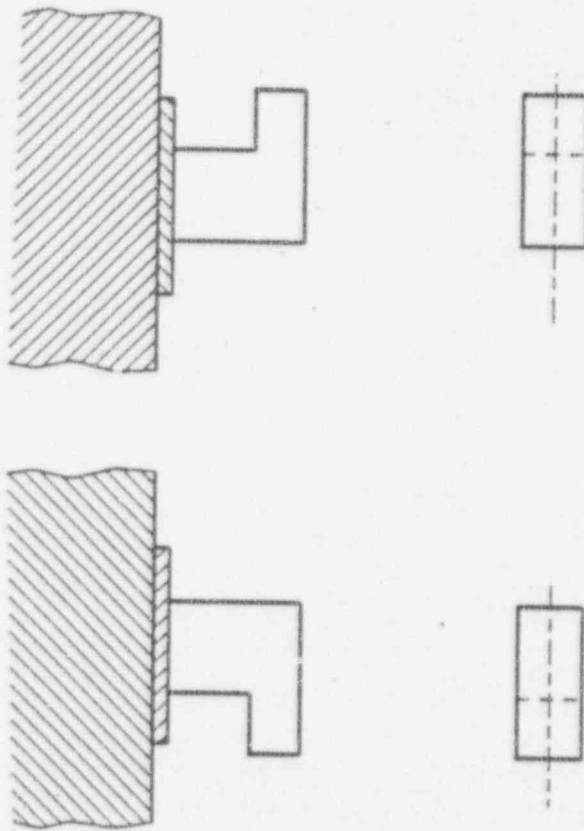
TITLE
1ST DRAWING - REACTOR BUILDING
SPECIMEN HOLDER

JOB NO
8031

DWG NO
XI-BN-12

REV
0

ISSUED FOR 1ST INSP. INTERVAL	DATE 10/16/89	REV A	BY LMH	CHKD RC	1ST ENG RC	GROUP SUP R/S	DRWG APPR R/S	FECD APPR
----------------------------------	------------------	----------	-----------	------------	---------------	------------------	------------------	-----------

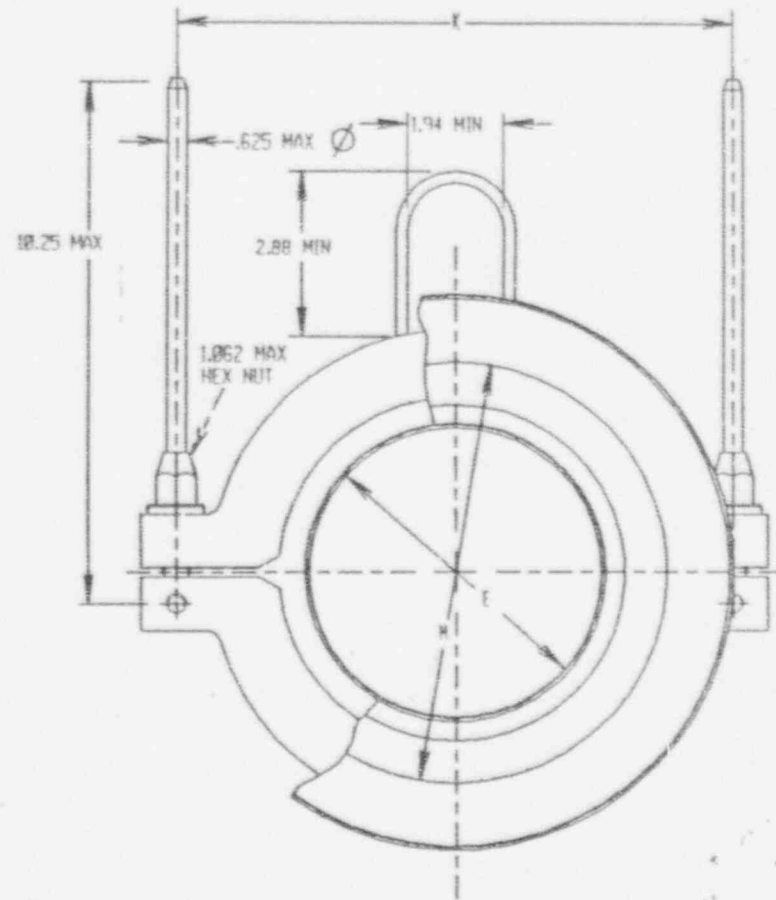
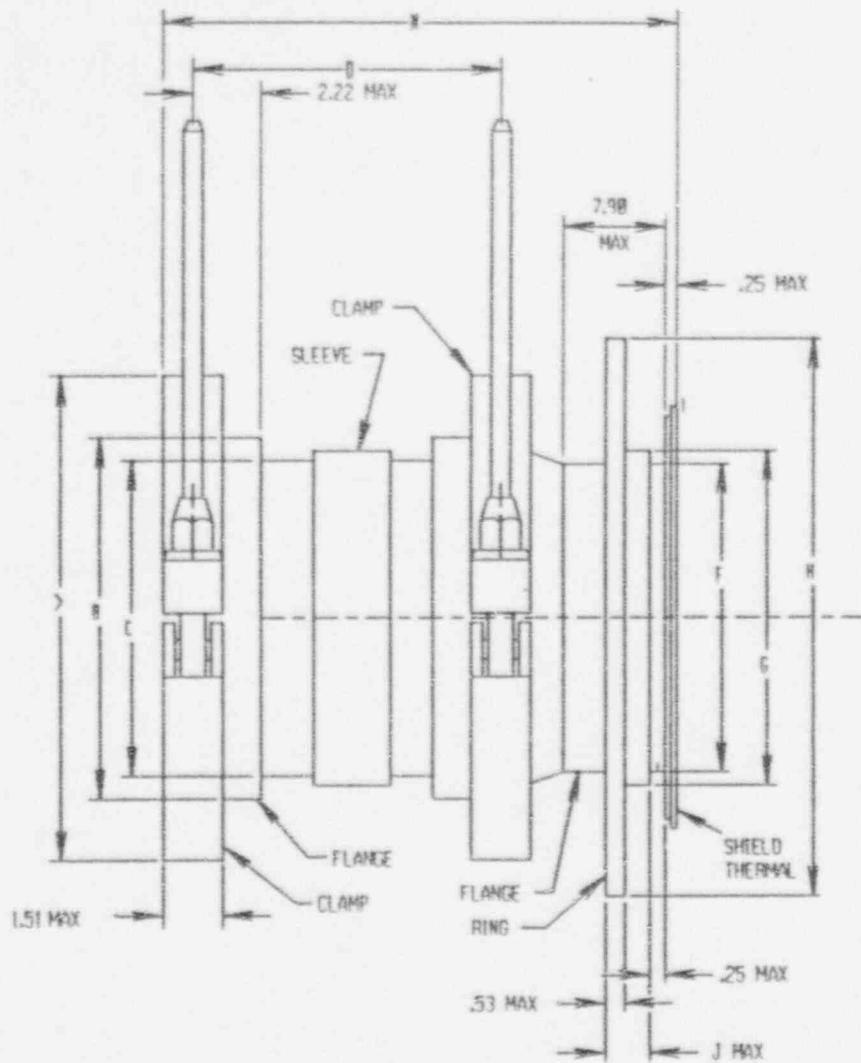


TYPICAL THREE PLACES
 30°, 120°, AND 300° AZIMUTHS)
 (281" AND 396" RPV ELEV.)

Exc'd
 10-11-89

TITLE
 ISI DRAWING - REACTOR BUILDING
 SURVEILLANCE SPECIMEN BRACKETS

KEY	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PROF ENG	PECC APPR	JOB NO	DWG NO	REV
	10/5/89		LMH	<i>[Signature]</i>	RC	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	8031	XI-BN-12	0



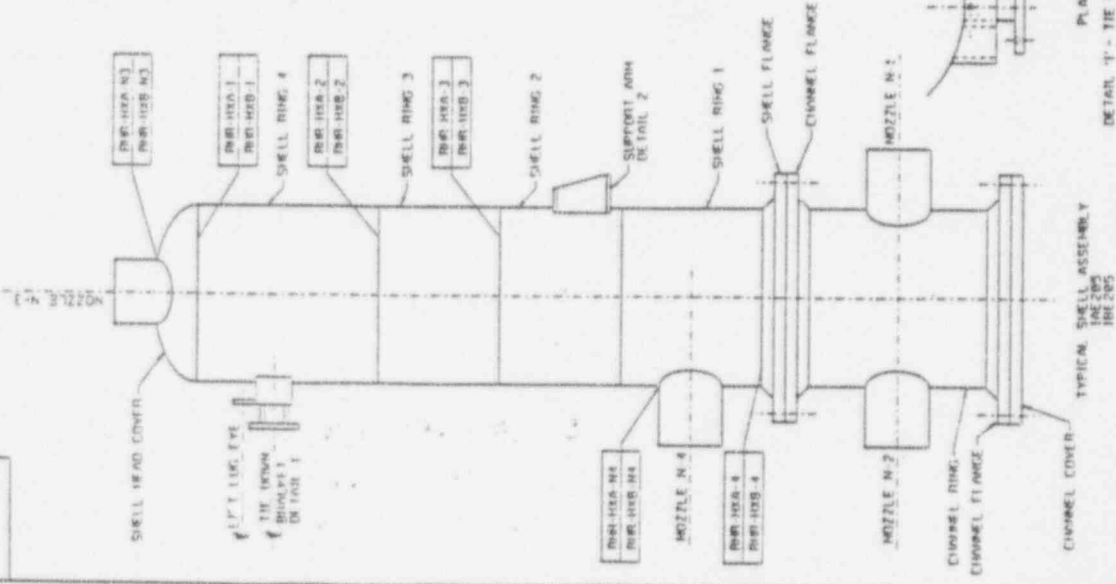
PART NO.	A MAX Ø	B MAX Ø	C MAX Ø	D MAX	E MAX Ø	F MAX Ø	G MAX Ø	H MAX Ø	J MAX	K MAX	L MAX	M MAX Ø	N MAX
1	13.18	9.75	9.21	9.23	7.53	8.54	9.11	15.86	1.83	14.53	16.86	11.94	18.43
2	15.28	11.82	11.27	9.98	9.91	18.66	11.23	17.18	1.45	16.65	18.18	14.86	19.18

TITLE
 ISI DRAWING - REACTOR BUILDING
 LPCI COUPLING

REFERENCE DWG: GE 11202926

REV	DATE	ISSUED FOR 1ST INSP. INTERVAL.	BY	CHKD	ISI ENG	GROUP SUP	PROJ ENG	PECO APPR	JOB NO	ENG NO	REV
	10/5/89		LMB	J.P. 281	RC	FLC	D.P. / B.D.M.	RC	8031	XI-BN-14	0

5/10 470A

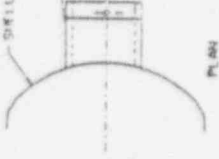


INTEGRAL ATTACHMENT/
SUPPORT No. NOTE 3

RBR-HXA-2 A	100R-100A-2 A
RBR-HXA-2 B	100R-100A-2 B
RBR-HXA-2 C	100R-100A-2 C
RBR-HXA-2 D	100R-100A-2 D
RBR-HXA-2 E	100R-100A-2 E
RBR-HXA-2 F	100R-100A-2 F

MT, ECHL No. LOCATION

100 205	NORTH - 0°
101 205	EAST - 90°
102 205	SOUTH - 180°
103 205	WEST - 270°



DETAIL '2' - SUPPORT ARM
14 RE-DRAWN

SHIFT NOTES:
 1) THE CONTINUATIONS:
 100 205 - FIGURE B1-03
 101 205 - FIGURE B1-03
 102 205 - FIGURE B1-06
 103 205 - FIGURE B1-06
 2) GREAT EXCHANGERS ARE SETSHELL CLASS 1.
 3) INTEGRAL ATTACHMENTS ARE EXAMINED IN ACCORDANCE WITH TABLE MW-2500-1, EXAMINATION COMPONENTS, SHELL AND CLIB SUPPORT COMPONENTS. SHELL SUPPORT IS SUBJECT TO V-F-3 EXAMINATION PER SUBSECTION 107.

REFERENCE DRAWINGS:

ISI-N-51 ASSE SECTION 41 BROADWAY P10
 SPEC. 0031 P-502 FIGURE B1-24, B1-25
 M-EI-8001 C-3.5 DETAIL SHELL ASSEMBLY
 M-EI-8001 C-10.3 SUPPORT DETAIL 5

ISSUED FOR 1ST

NO.	DATE	BY	CHKD BY	APP'D BY
1	10/1/75
2	10/1/75

BECHTEL
 SAN FRANCISCO
 LINERICK GENERATING STATION
 UNITS 1 & 2
 INDUSTRIAL ELECTRIC COMPANY

ISI EQUIP. DWG. - REACTOR BUILDING
 PWR HEAT EXCHANGERS JAE205, IBE205
 BODY AND NOZZLE WELDS - UNIT 1

8031 XI-1E-205 0

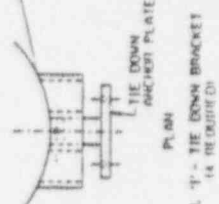
NOT FOR CONSTRUCTION PAGE 1 OF 2

INTEGRAL ATTACHMENT/
SUPPORT No. NOTE 3

RBR-HXA-1 A	100R-100B-1 A
RBR-HXA-1 B	100R-100B-1 B
RBR-HXA-1 C	100R-100B-1 C
RBR-HXA-1 D	100R-100B-1 D

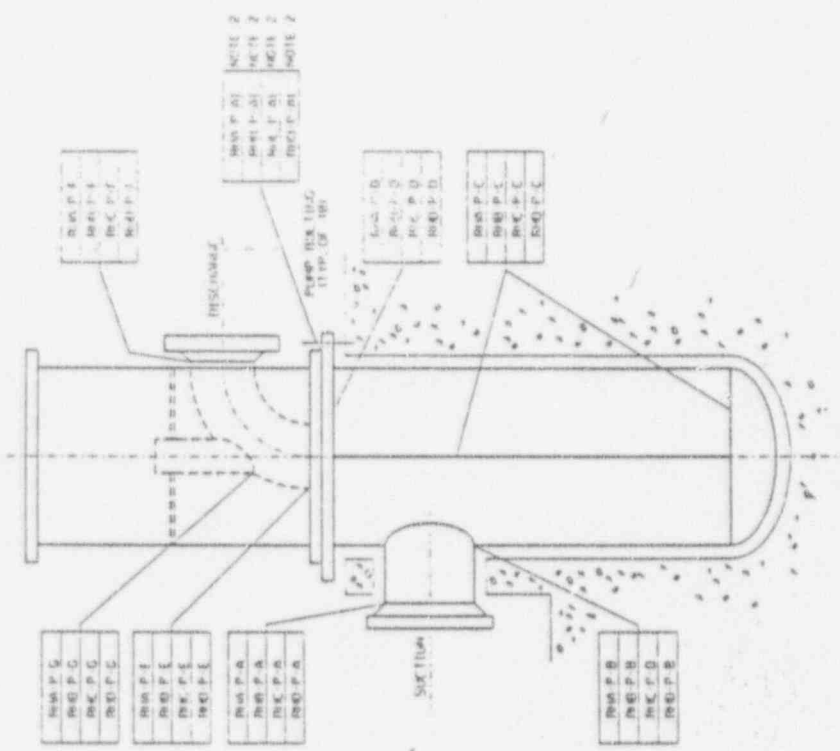
MT, ECHL No. LOCATION

104 205	NORTH - 0°
105 205	EAST - 90°
106 205	SOUTH - 180°
107 205	WEST - 270°



DETAIL '1' - TIE DOWN BRACKET
14 RE-DRAWN

5/10 4/84



TYPICAL INSTALLATION
 R40 P-G
 R40 P-F
 R40 P-E
 R40 P-D
 R40 P-C

NOTE: CONSULTATION REQUIRED FOR ALL PARTS LISTED IN THIS DRAWING.
 1) ALL PARTS LISTED IN THIS DRAWING ARE TO BE SUPPLIED BY THE CONTRACTOR.
 2) CONSULTATION REQUIRED FOR ALL PARTS LISTED IN THIS DRAWING.
 3) PUMPS ARE SEISMIC CLASS 1.

REFERENCE DRAWINGS:

- ISSI N-21 ASME SECTION XI BRASSBOUNT P-310
- ASME E11.1-1982 IMPELLER AND IMPELLER HOUSING
- QTC 0831 P-507 FIGURE B1-27

DATE	ISSUED FOR	BY	CHK'D	APP'D
10/1/83	FOR CONSTRUCTION	J. J. [Signature]	[Signature]	[Signature]

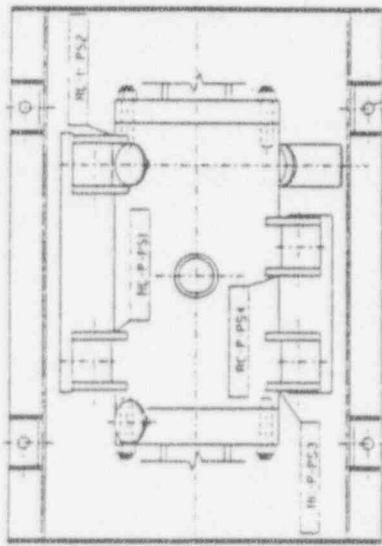
BECHTEL
 SAN FRANCISCO
 LIMERICK GENERATING STATION
 UNITS 1 & 2
 FOR GEOPHYSICAL ENGINEERING

151 EQUIP. DWG. - REACTOR BUILDING
 R40 PUMPS, IAP, IBP, ICP & ICP282
 SUPPORTS AND BODY WELDS - UNIT 1

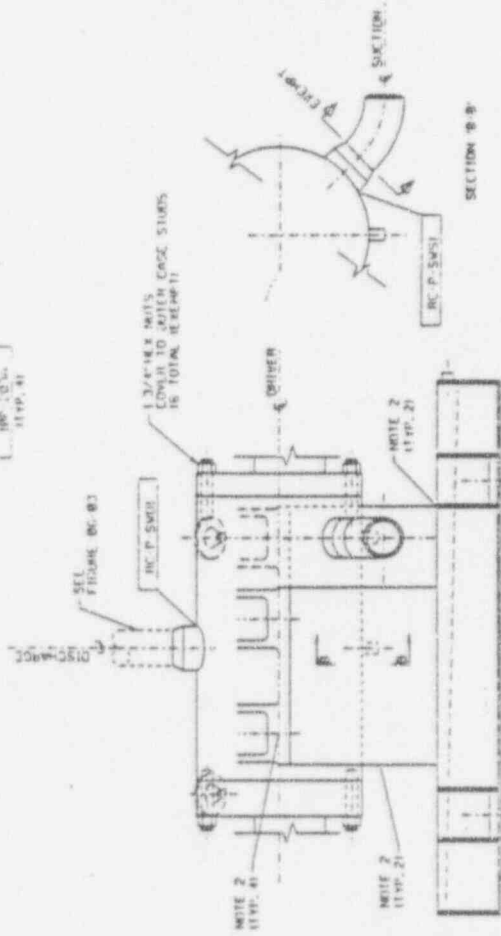
NO.	REV.	DATE	BY	APP'D
0				

NOT FOR CONSTRUCTION PAGE 1 OF 1

S/VS 1/800



NOTE 2 (11/27-81)
1 3/4" DIA IS COVER TO INLET CAGE STUDS IS TOTAL (18 INCH)



NOTE:
1) PUMP IS SETBACK CLASS 1.
2) CONNECTIONS SUBJECT TO V1-2 EXAMINATION PER SUBSECTION DWG. REFER TO EXAM PLOW TABLE.

REFERENCE DRAWINGS:
151-H-58 RCIC SECTION VI REBOILER FIELD
RC-151-CWH-42 INSTALLATION NOMINA.
SPLC-803-P-582 FIGURE 86-B

NO.	REV.	DATE	BY	CHKD.	APP.	DESCRIPTION
1						ISSUED FOR 151-H-58
2						REVISION
3						REVISION
4						REVISION
5						REVISION
6						REVISION
7						REVISION
8						REVISION
9						REVISION
10						REVISION

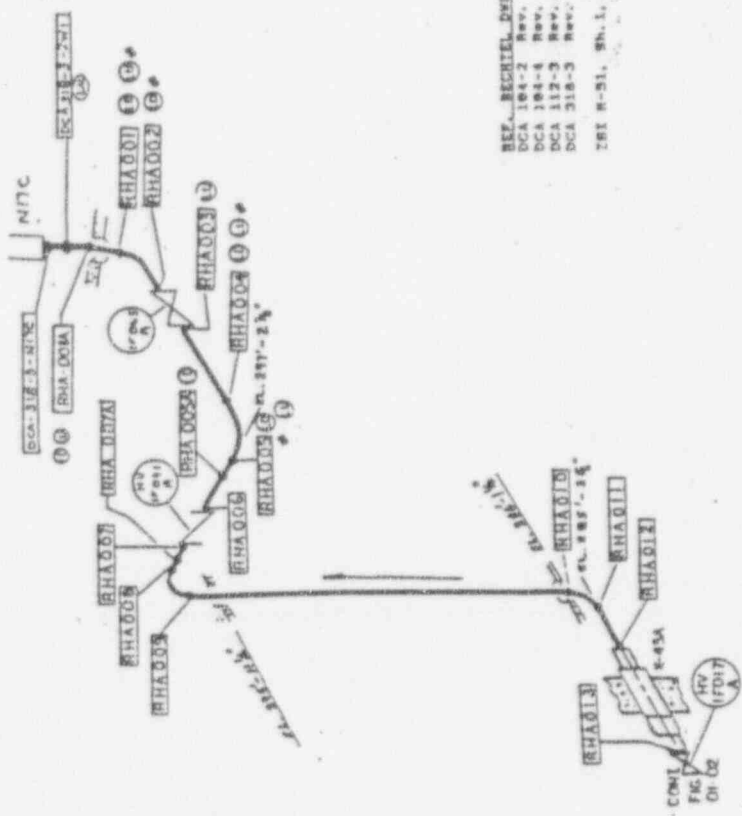
BECHTEL
SAN FRANCISCO

LIMERICK GENERATING STATION
UNITS 1 & 2
INGALLMAN ELECTRIC COMPANY

151 EQUIP. DWG. - REACTOR BUILDING
RCIC PUMP 10P283
WELDS AND ATTACHMENTS - UNIT 1

8031 XI-10P-283 0

NOT FOR CONSTRUCTION PAGE 1 OF 1



SEE RECHIEL DWGS.
 DCA 104-2 Rev. 16
 DCA 104-4 Rev. 4
 DCA 112-3 Rev. 21
 DCA 318-3 Rev. 13
 ISI R-51, Sh. 1, Rev. 0

* ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL BEAMS.
 (SEE FIGURE 10-04)

FIGURE 01-01

RHR LOOP A WELDS

NO.	DATE	DESCRIPTION	BY	CHKD.
0	7/1/90	ISSUED FOR 101 PROVISIONS	W.D.	W.D.
1	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
2	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
3	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
4	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
5	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
6	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
7	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
8	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
9	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
10	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
11	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
12	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
13	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
14	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.
15	7/1/90	REVISIONS TO FIG. 01-01 SH. 1	W.D.	W.D.

ASME SECTION XI
 ISI ISOMETRIC
 RHR SYSTEM

LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.

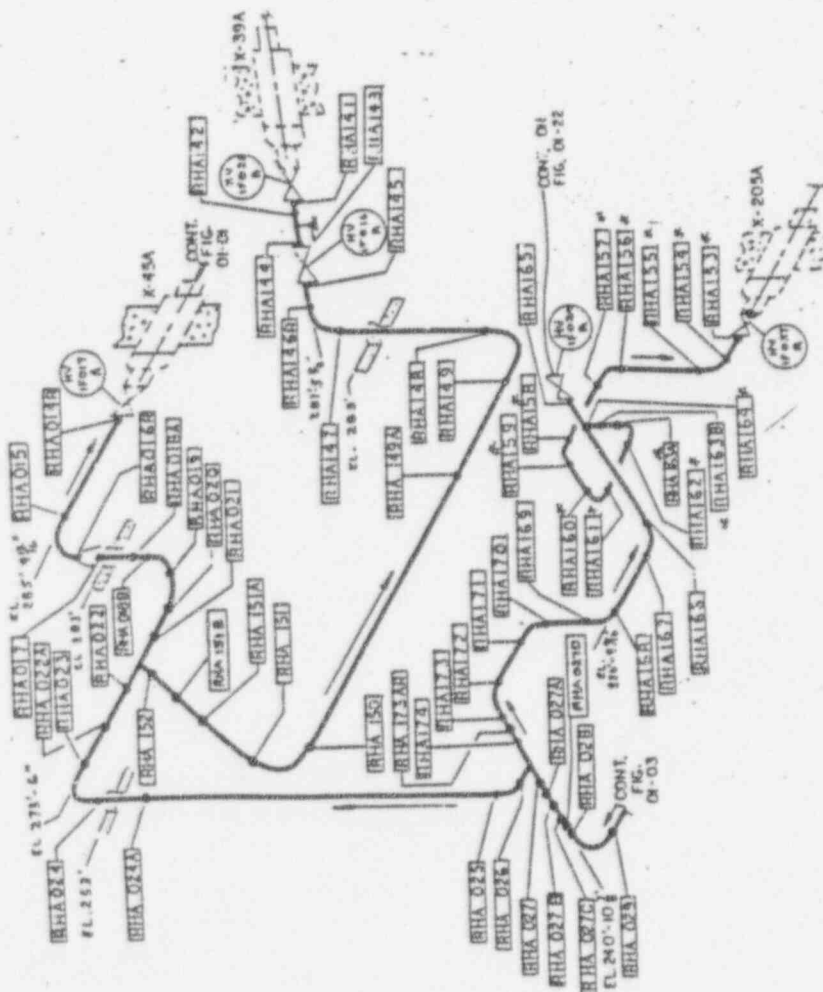
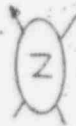
DESIGN LOGS CHECKED/INSPECTED DATE
 SPK. — 25/0 7/1/90

APPRO. W.D. FIG-01-01 REV 0

ROUTE 26112

FIG-01-02

SHEET 1



* WALL THICKNESS IS LESS THAN .375 INCHES.

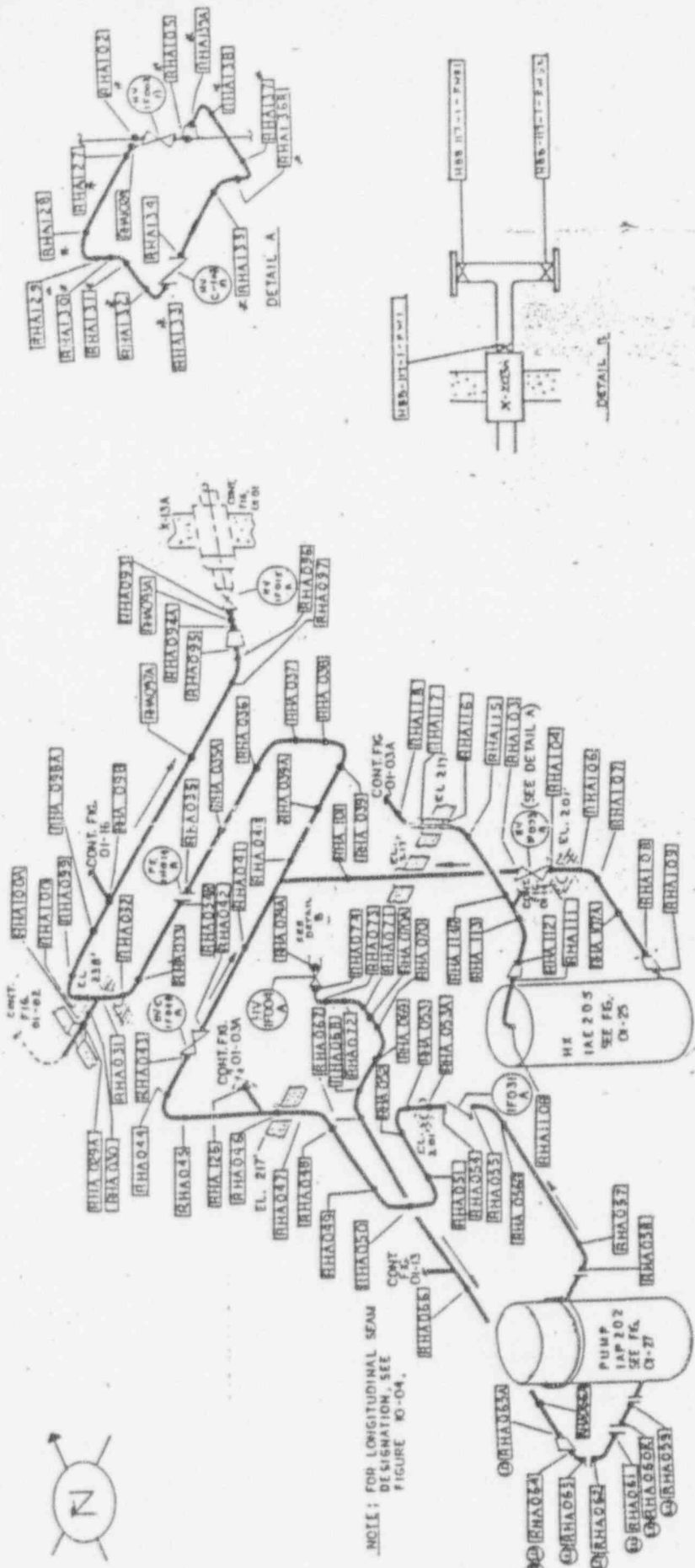
REF. BECHTEL DWGS.
 GBB 118-2 Rev. 18
 GBB 189-1 Rev. 18
 GBB 187-1 Rev. 15
 TBE N-31, Sh. 1, Rev. 6

USE LATEST REVISION		ASME SECT) DN XI	
NO	DESCRIPTION	DATE	BY
0	ISSUED FOR ISL PRODUCTION V.O. 1107812121 REV. 1107812121		
0	DESIGN NO. 10383 SH. 3 FROM M-10383 SH. 3 TO FIG. 01-02 SH. 1	7/1/70	SPK
LIMERICK GENERATING STATION - UNIT 1		PHILADELPHIA ELECTRIC CO.	
RHR SYSTEM		DESIGN CHECKED	
		INSPECTED	
		DATE	
APPRO. <i>Alk</i>		FIG-01-02	
		REV	

FIGURE 01-02
 RHR LOOP A WELDS

FIG-01-03

ROUTE 26112



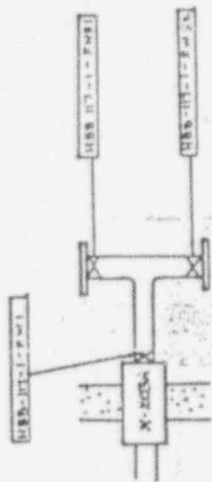
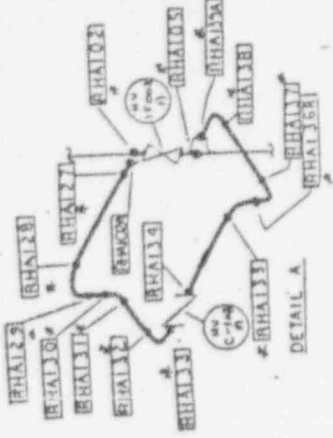
NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

- RIT, BECKETL, 2005, Rev. 14
- 888 128-1 Rev. 21
- 888 118-1 Rev. 21
- 888 101-1 Rev. 26
- 888 117-1 Rev. 17
- 888 102-1 Rev. 24
- 888 118-4 Rev. 13
- 888 117-1 Rev. 15
- ISI W-51, Sp. 1, Rev. 8
- ISI W-51, Sp. 2, Rev. 8

* WALL THICKNESS IS LESS THAN .375 INCHES.
 NOTE FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

FIGURE 01-03

PHR LOOP A WELDS

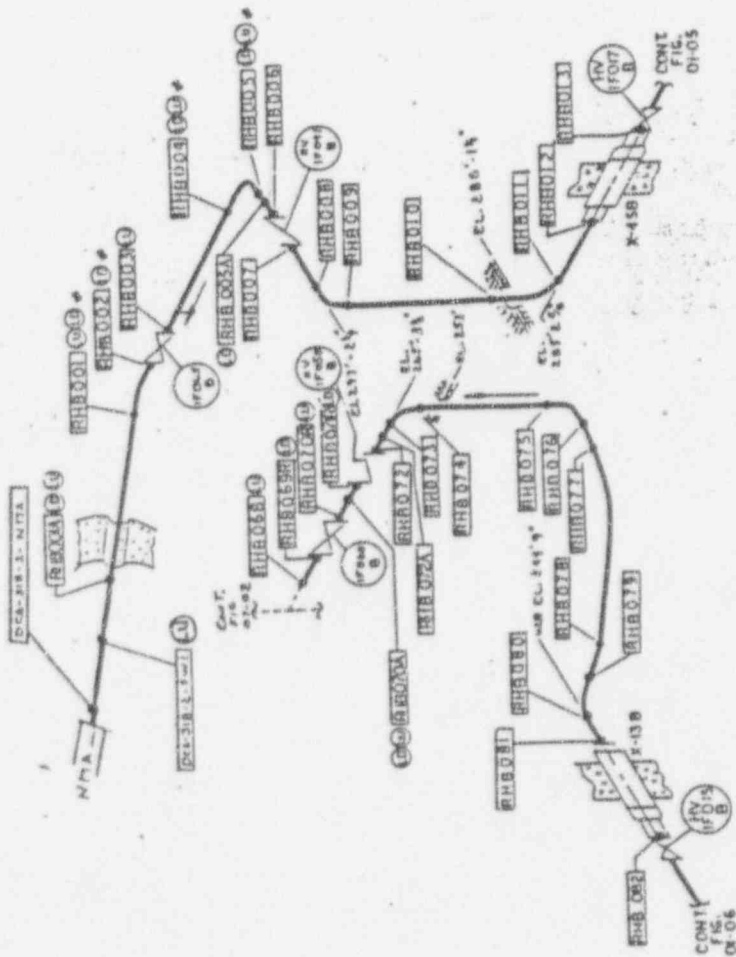


NO.	DATE	DESCRIPTION	BY	CHK'D.	DESIGN	INSPECTED	DATE	REV
0	7/11/90	ISSUED FOR ISI PROJECT	MM	MM	MM	MM	MM	0
0	7/11/90	CHK'D. DRAWING NO. FROM M-10383 BR. 5 TO FIG. 01-03 BR. 1	MM	MM	MM	MM	MM	0
0	7/11/90	ISSUED FOR ISI PROJECT	MM	MM	MM	MM	MM	0

ASME SECTION XI
 ISI ISOMETRIC
 PHR SYSTEM
 PHILADELPHIA ELECTRIC CO.
 LIMERICK GENERATING STATION - UNIT 1
 APPR. DATE: 7/11/90
 FIG-01-03
 REV 0

FIG-01-03

ROUTE 26112



* Elbows have minimum and maximum longitudinal seams.

FIG-01-04

SHEET 1

0		1	2
NO.	DATE	DESCRIPTION	BY
0		ISSUED FOR THE PROJECT	
0	05	DESIGN NO. FROM H-10383 SH. 5	
0	07	NO. TO PTO. 01-04 SH. 1	
0	03		

ASME SECTION XI
 ISI ISOMETRIC
 RHR SYSTEM

LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGN IGDS CHECKED/ASPECTED DATE
 SPK / JCB / 7/1/90
 APPRO. / JCB / FIG-01-04
 REV 0

FIGURE 01-04

RHR LOOP B WELDS

FIG-01-04

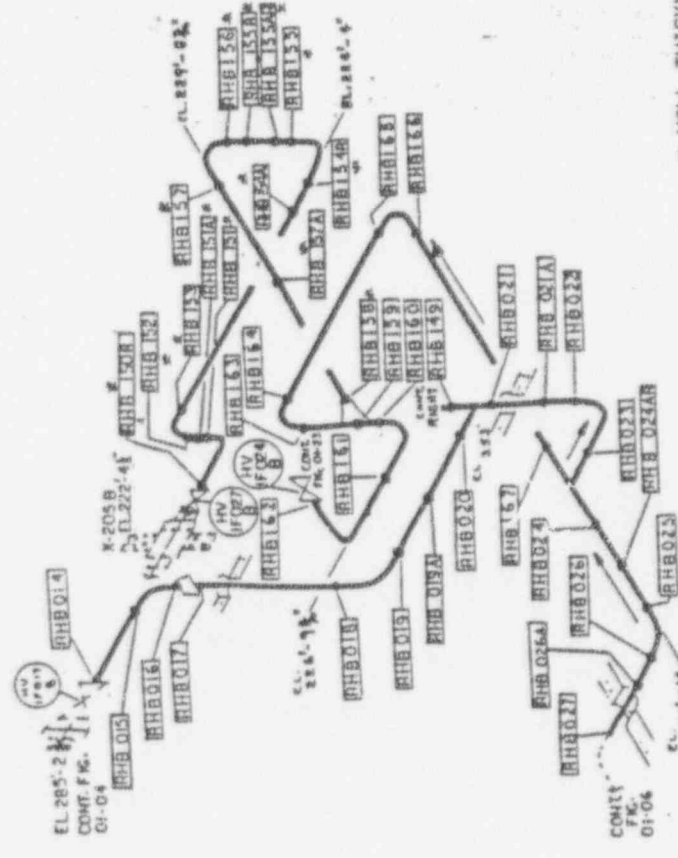
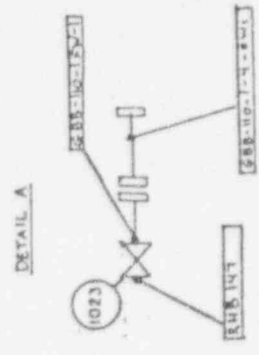
SHEET 1

SHEET /

FIG-01-05

ROUTE 26112

DETAIL A



REF. DETAIL DWGS.
 DBB 110-3 Rev. 13
 DBB 107-2 Rev. 13
 DBB 105-2 Rev. 13
 DBB 110-1 Rev. 7
 ISI M-51, SH. 2, Rev. 0

* WALL THICKNESS IS LESS THAN .375 INCHES.

USE LATEST REVISION

NO.	DATE	DESCRIPTION
0	10/21/51	ISSUED FOR 1ST PRODUCTION BY: J. S. JOHNSON
0	10/21/51	REVISED DRAWING NO. FROM M-10383 OF 11 TO FIG-01-05 SH. 1

ASME SECTION XI
 ISI ISOMETRIC
 RHR SYSTEM

LIMERICK GENERATING STATION - UNIT
 PHILADELPHIA ELECTRIC CO.

DESIGN	IGDS	CHECKED	INSPECTED	DATE
				11/7/51

APPROD. *[Signature]* FIG-01-05 REV 0
 SHEET 1 TITLE CHECK

FIGURE 01-05

RHR LOOP B WELDS

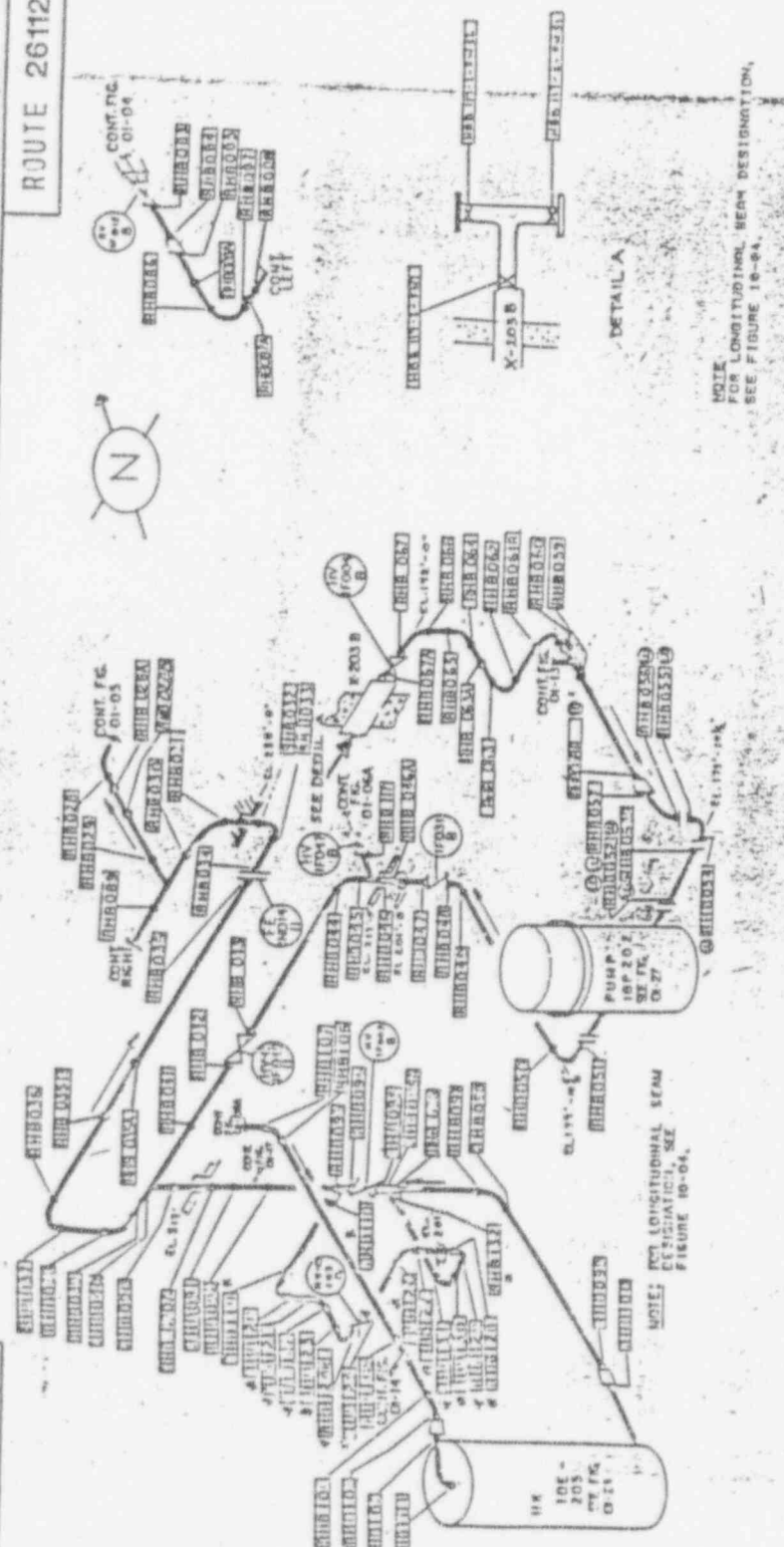
SHEET /

FIG-01-05

13388

FIG-10-91

ROUTE 26112



* WALL THICKNESS IS LESS THAN .375 INCHES.

- RHR 101-3 Rev. 27
- RHR 102-3 Rev. 21
- RHR 103-3 Rev. 24
- RHR 104-3 Rev. 24
- RHR 105-3 Rev. 24
- RHR 106-3 Rev. 19
- RHR 107-3 Rev. 19
- RHR 108-3 Rev. 11
- RHR 109-3 Rev. 8
- RHR 110-3 Rev. 8
- RHR 111-3 Rev. 8
- RHR 112-3 Rev. 8
- RHR 113-3 Rev. 8
- RHR 114-3 Rev. 8
- RHR 115-3 Rev. 8
- RHR 116-3 Rev. 8
- RHR 117-3 Rev. 8
- RHR 118-3 Rev. 8
- RHR 119-3 Rev. 8
- RHR 120-3 Rev. 8
- RHR 121-3 Rev. 8
- RHR 122-3 Rev. 8
- RHR 123-3 Rev. 8
- RHR 124-3 Rev. 8
- RHR 125-3 Rev. 8
- RHR 126-3 Rev. 8
- RHR 127-3 Rev. 8
- RHR 128-3 Rev. 8
- RHR 129-3 Rev. 8
- RHR 130-3 Rev. 8
- RHR 131-3 Rev. 8
- RHR 132-3 Rev. 8
- RHR 133-3 Rev. 8
- RHR 134-3 Rev. 8
- RHR 135-3 Rev. 8
- RHR 136-3 Rev. 8
- RHR 137-3 Rev. 8
- RHR 138-3 Rev. 8
- RHR 139-3 Rev. 8
- RHR 140-3 Rev. 8
- RHR 141-3 Rev. 8
- RHR 142-3 Rev. 8
- RHR 143-3 Rev. 8
- RHR 144-3 Rev. 8
- RHR 145-3 Rev. 8
- RHR 146-3 Rev. 8
- RHR 147-3 Rev. 8
- RHR 148-3 Rev. 8
- RHR 149-3 Rev. 8
- RHR 150-3 Rev. 8

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

NOTE: FOR LONGITUDINAL SEAM DESIGNATION, SEE FIGURE 10-04.

ASME SECTION XI

ISI ISOMETRIC

RHR SYSTEM

ALMEXIC GENERATING STATION - UNIT 1

PHILADELPHIA ELECTRIC CO.

DESIGN LOGS CHECKED/INSPECTED DATE

SYNOPSIS

APPROVED

FIG-01-06

NO.	DESCRIPTION	DATE
1	INCORPORATED RDC 42-9371	7/1/70
2	REVISION FOR ISI PROBABLY	
3	REVISION FOR ISI PROBABLY	
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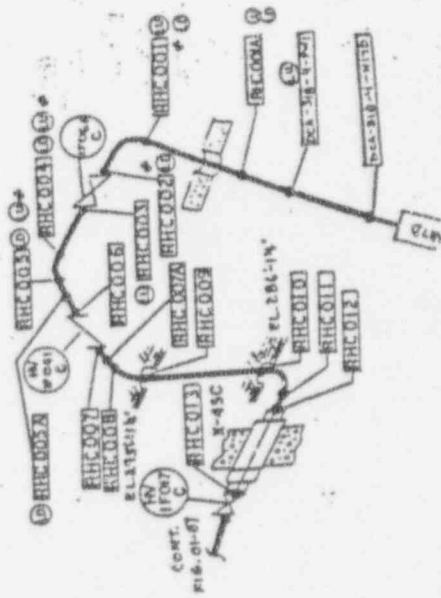
FIGURE 01-06

RHR LOOP B WELDS

FIG-01-06

SHEET 1

ROUTE 26112



+ ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS.
(SEE FIGURE 10-04)

FIG-01-07A

SHEET /

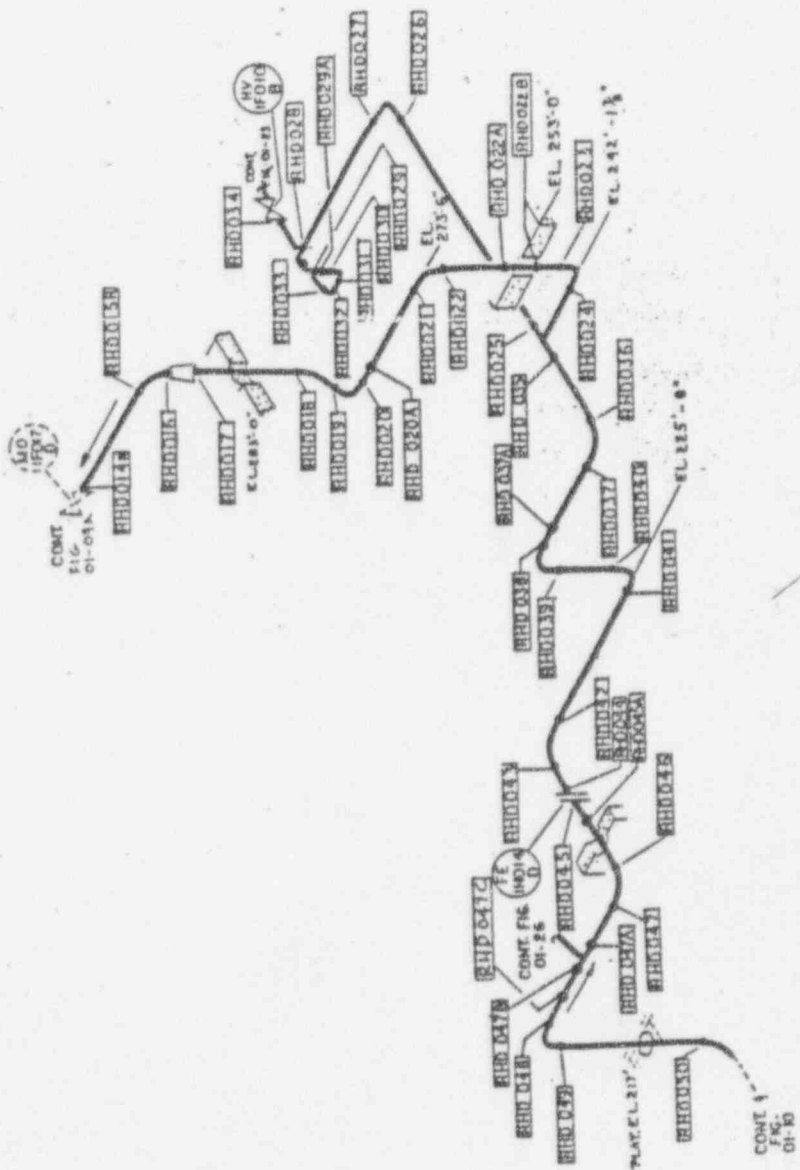
REC. RECHTEL DWG.
DCA 318-4 Rev. 15
DLA 313-4 Rev. 22
1ST N-51, Sh.1, Rev.0

NO.	DATE	DESCRIPTION	BY	CHKD.	APPD.	REV
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ASME SECTION XI
ISI ISOMETRIC
RHR SYSTEM

LIMERICK GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.
DESIGN IGDs CHECKED/INSPECTED DATE
SDK --- ACP --- 7/1/90
APPRO. --- FIG-01-07A REV 0

FIGURE 01-07A
RHR LOOP C WELDS



REF. SPECIF. DWGS.
 QRS 119-5 Rev. 10
 QRS 119-6 Rev. 12
 QRS 119-11 Rev. 16
 ICI M-51, Sh. 3, Rev. 8

NO.	DATE	DESCRIPTION	BY	CHKD.
0		ISSUED FOR I&E WORK		
1		DESIGN LOGS CHECKED		
2		CERT'D. DRAWING NO. FROM M-10383 (S&L) TO FIG. 01-09 (S&L)		

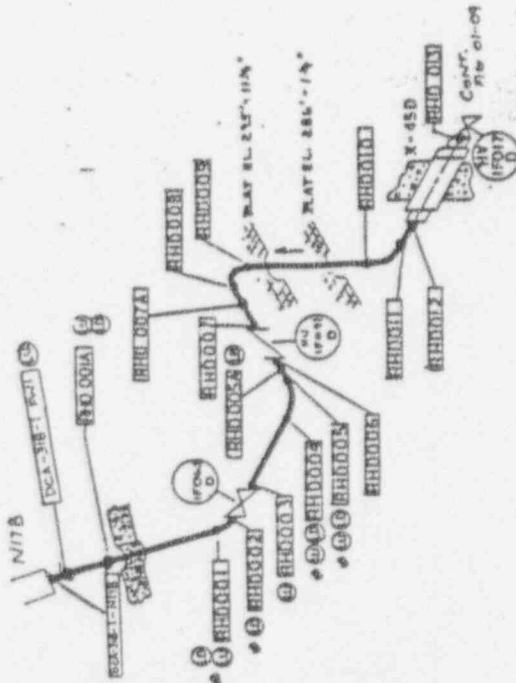
ASME SECTION XI	
ISI ISOMETRIC	
RHR SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN LOGS CHECKED	DATE
SPK	7/1/90
APPRO. <i>[Signature]</i>	FIG-01-09
Rev	0

FIGURE 01-09
 RHR LOOP D WELDS

SHEET 1

FIG-01-09A

ROUTE 26112



* ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS.
 (SEE FIGURE 10-04)

FIGURE 01-09A

RHR LOOP D WELDS

REV. 1 - 01/11/50
 DCA 318-1 Rev. 1
 ISI M-51, Ed. 3, Rev. 6

NO.	DATE	DESCRIPTION	BY	CHK'D.
0		ISSUED FOR THE PROJECT		
1	11/11/50	CH'D. DRAWING NO. 110782-23		
2		DESIGN CHG. FROM M-10383 (S.A. 25)		
3		TO FIG. 01-09A (S.A. 31)		
4		FOR RHR LOOP D		

ASME SECTION XI	
ISI ISOMETRIC RHR SYSTEM	
LYMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
SPK	7/1/50
APPRO.	REV. 0
FIG-01-09A	TITLE BLOCK

ROUTE 26112



NOTE
FOR LONGITUDINAL SEAM DESIGNATION,
SEE FIGURE 10-08.

REF. RECHIEL DWGS.
QPR 119-4 Rev. 7
NDB 117-4 Rev. 13
HNB 118-7 Rev. 1A
TGI R-51, Sh. 3, Rev. 0

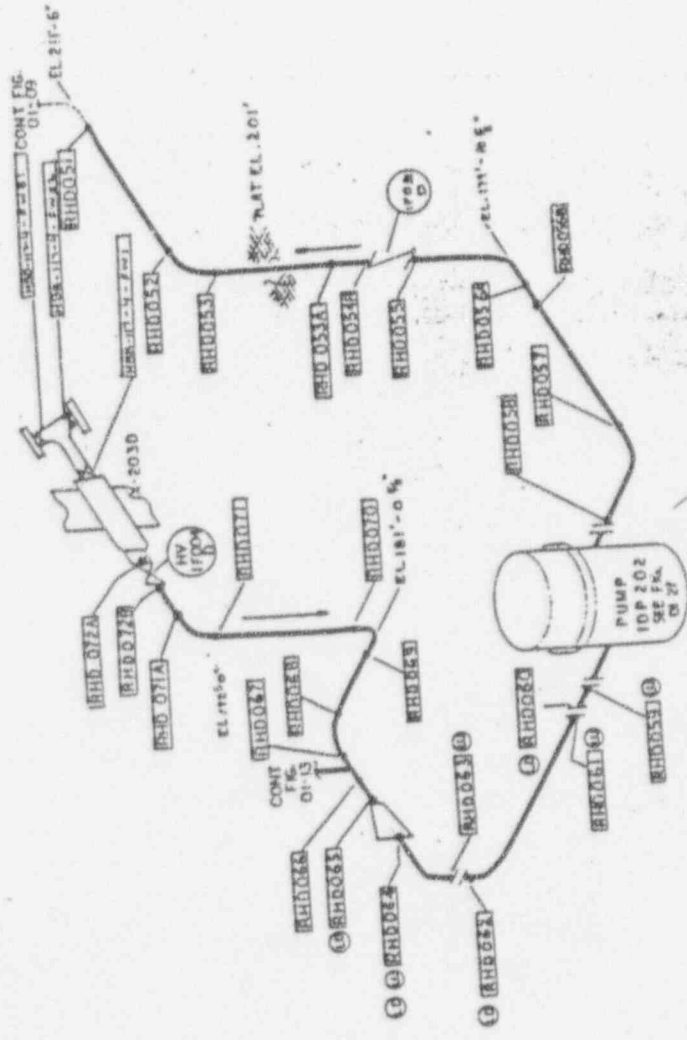


FIGURE 01-10
RHR LOOP D WELDS

DATE	BY	DESCRIPTION	REV.
0		ISSUED FOR ISI PROPOSAL	1
0		CHG'D. DRAWING NO. FROM M-10383 SH. 27 TO FIG. 01-10 SH. 1	2

ASME SECTION XI	
ISI ISOMETRIC	
RHR SYSTEM	
IMPERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN IGDS CHECKED	DATE
SPK	7/1/70
APPROD.	FIG-01-10
REV	0

FIG-01-10

SHEET 1

FIG-01-10

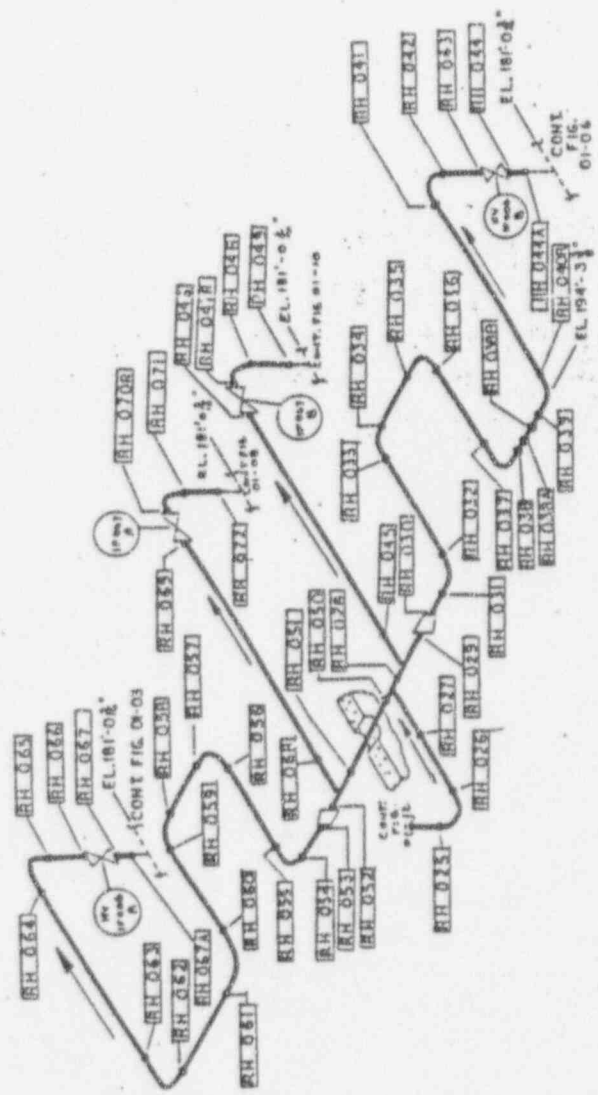
SHEET 1

ROUTE 26112



FIG-01-13

SHEET 1



REF. MECH'EL DVGS.
 HSB 118-2 Rev. 13
 HSB 118-3 Rev. 14
 ISI N-51, Sh. 1, Rev. 8
 ISI N-51, Sh. 2, Rev. 8

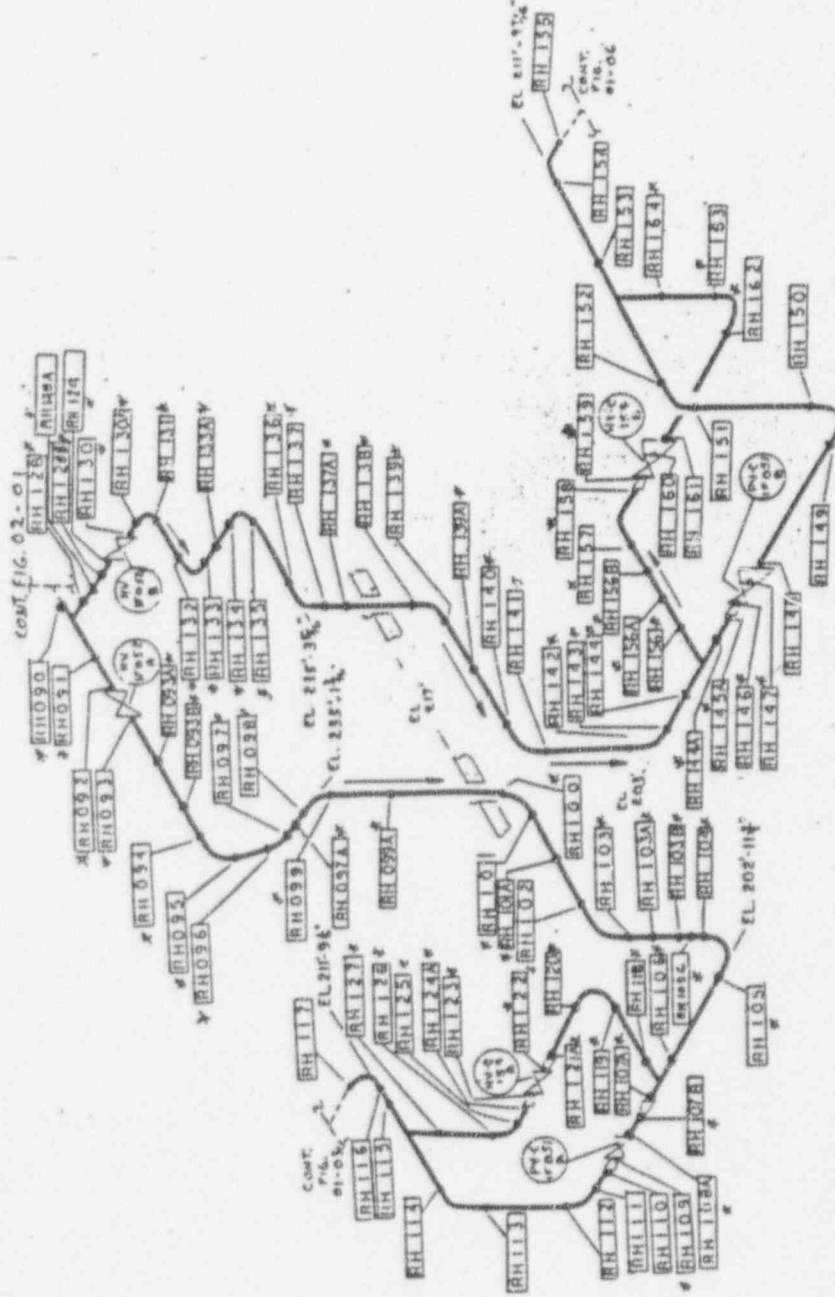
USE LATEST REVISION	
NO.	DESCRIPTION
0	ISSUED FOR ISI PROGRAM
1	DESIGN CHANGES
2	FOR FIG. 01-13 SEE 1

DESIGN NO.	PHILADELPHIA ELECTRIC CO.
PROJECT NO.	LIMERICK GENERATING STATION - UNIT 1
CHECK'D.	DATE
7/1/90	
TO FIG. 01-13 SEE 1	
APPROD.	FIG-01-13
	REV

ASME SECTION XI
 ISI ISOMETRIC
 RHR SYSTEM

FIGURE 01-13

RHR WELDS



REF. RECHTEL DWGS.
 EBB 100-1 Rev. 20
 EBB 121-3 Rev. 18
 EBB 121-4 Rev. 21
 OBB 103-2 Rev. 11
 OBB 103-3 Rev. 9
 OBB 102-2 Rev. 21
 ISI N-31, Sh. 2, Rev. 8
 ISI N-31, Sh. 4, Rev. 8

NO.	DATE	DESCRIPTION
0	11/14/95	ISSUED FOR 101 PROGRAM N. O. 437840000 REV. 101780000
1	03/24/96	ISSUED FOR 101 PROGRAM N. O. 437840000 REV. 101780000
2	03/24/96	ISSUED FOR 101 PROGRAM N. O. 437840000 REV. 101780000

DESIGN	INSPECTED	DATE
SK	PCB	7/1/96
APPRO.		
REV.		

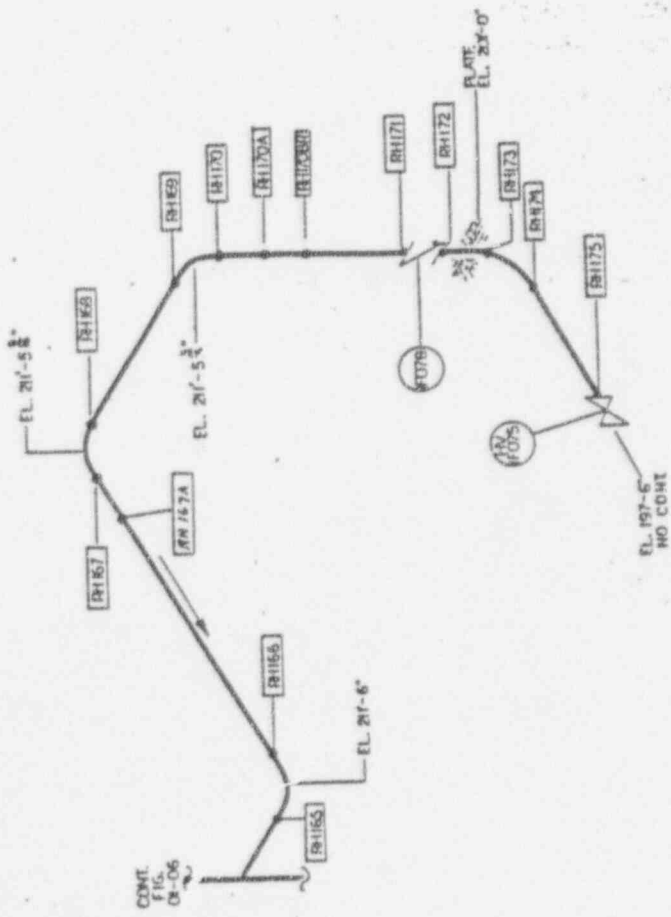
ASME SECTION XI
 ISI ISOMETRIC
 PRR SYSTEM
 LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.

FIGURE 01-14

PRR WELDS

* WALL THICKNESS IS LESS THAN .375 INCHES.

ROUTE 26112



REF. RECHTEL DWGS.
 088 111-1 Rev. 12
 TBI M-51, Sh. 4, Rev. 6

NO.	DATE	DESCRIPTION	BY	CHKD
0		USE LATEST REVISION		
1		ISSUED FOR ISI PROGRAM		
2		ISSUED FOR ISI PROGRAM		
3		ISSUED FOR ISI PROGRAM		
4		ISSUED FOR ISI PROGRAM		
5		ISSUED FOR ISI PROGRAM		
6		ISSUED FOR ISI PROGRAM		
7		ISSUED FOR ISI PROGRAM		
8		ISSUED FOR ISI PROGRAM		
9		ISSUED FOR ISI PROGRAM		
10		ISSUED FOR ISI PROGRAM		

ASME SECTION XI	
ISI ISOMETRIC	
RHR SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	CHECKED
DATE	DATE
SPK	SPK
7/1/90	7/1/90
APPROD.	APPROD.
APPROD.	APPROD.
FIG-01-17	REV. 0

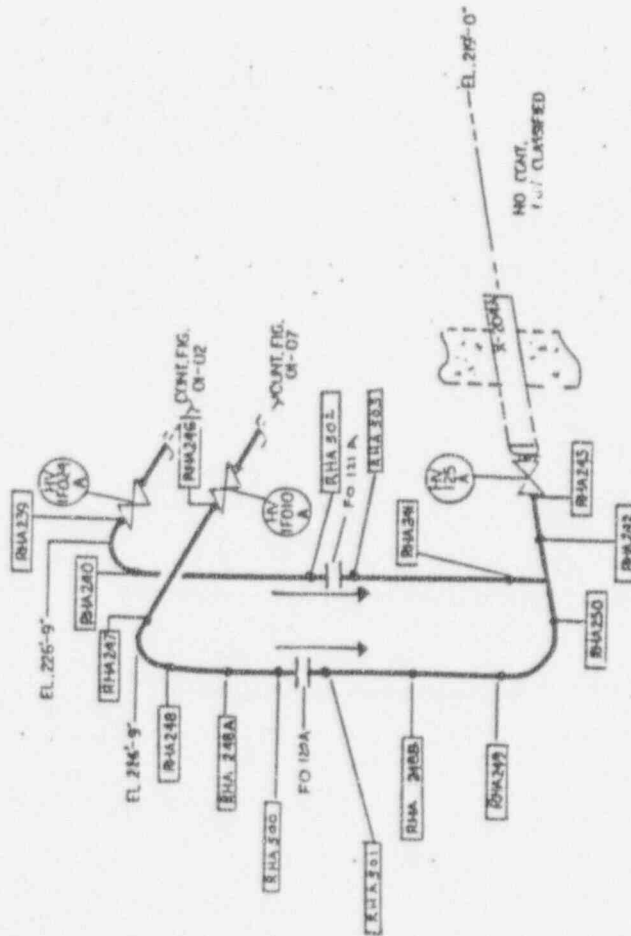
FIGURE 01-17
 RHR WELDS

SHEET 1

FIG-01-17

FIG-01-17 SHEET 1

SHEET 1



REF. RECHTEL DWGS.
088 108-1 Rev. 14
ISI M-SI, Sh. 1, Rev. e7

USP LATEST REVISION		1	2
NO	DESCRIPTION	BY	CHKD
0	ISSUED FOR ISI PROGRAM V.O. 8/27/85 REF. 107/88415		
5	CHG'D. DRAWING NO. 8 FROM M-10383 SSI.42		
7	TO FIG. 01-22 SSI.1		
8	W/C		

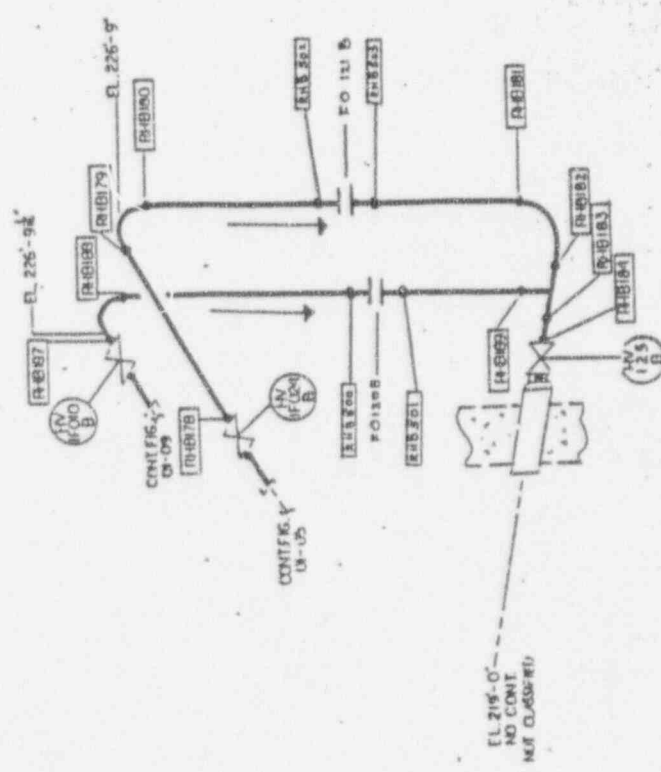
ASME SECTION XI
ISI ISOMETRIC
RHR SYSTEM
LIMERICK GENERATING STATION - UNI
PHILADELPHIA ELECTRIC CO.
DESIGN CHECKED INSPECTED DAT
SPK --- 7/15
APPRO. ---
FIG-01-22

FIGURE 01-22
RHR HELDS

SHEET 1

FIG-01-23

ROUTE 26112

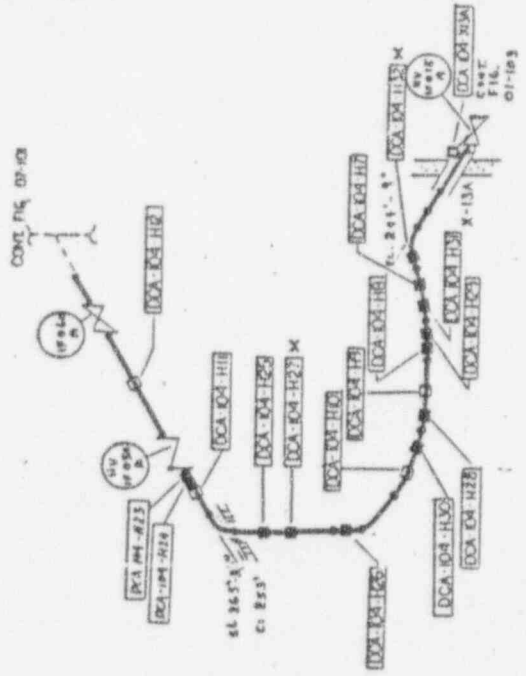


REF. SECRETIAL DVGSL.
 OSR 106-2 Rev. 13
 ISI H-51, S. 2, Rev. 6

USE LATEST REVISION	
DATE	DESCRIPTION
05	CHG'D. DRAWING NO. FROM H-10383 DR. 44 TO FIG. 01-23 DR. 1. W.C.
07	SPK
93	W.C.

ASME SECTION XI	
ISI ISOMETRIC RHR SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	DATE
PHILADELPHIA ELECTRIC CO.	7/1/90
DESIGN	CHECKED
INSPECTED	DATE
APPROD.	W.C.
W.F.D.	FIG-01-23
REV	0

FIGURE 01-23
 RHR HELDS



REF. BECHTEL DMSL
 DCA 104-2 Rev. 16
 DCA 112-4 Rev. 1
 DCA 112-3 Rev. 21
 DCA 318-3 Rev. 15
 ISI M-51, Sh. 1, Rev. 8

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 01-101

RHR LOOP A SUPPORTS

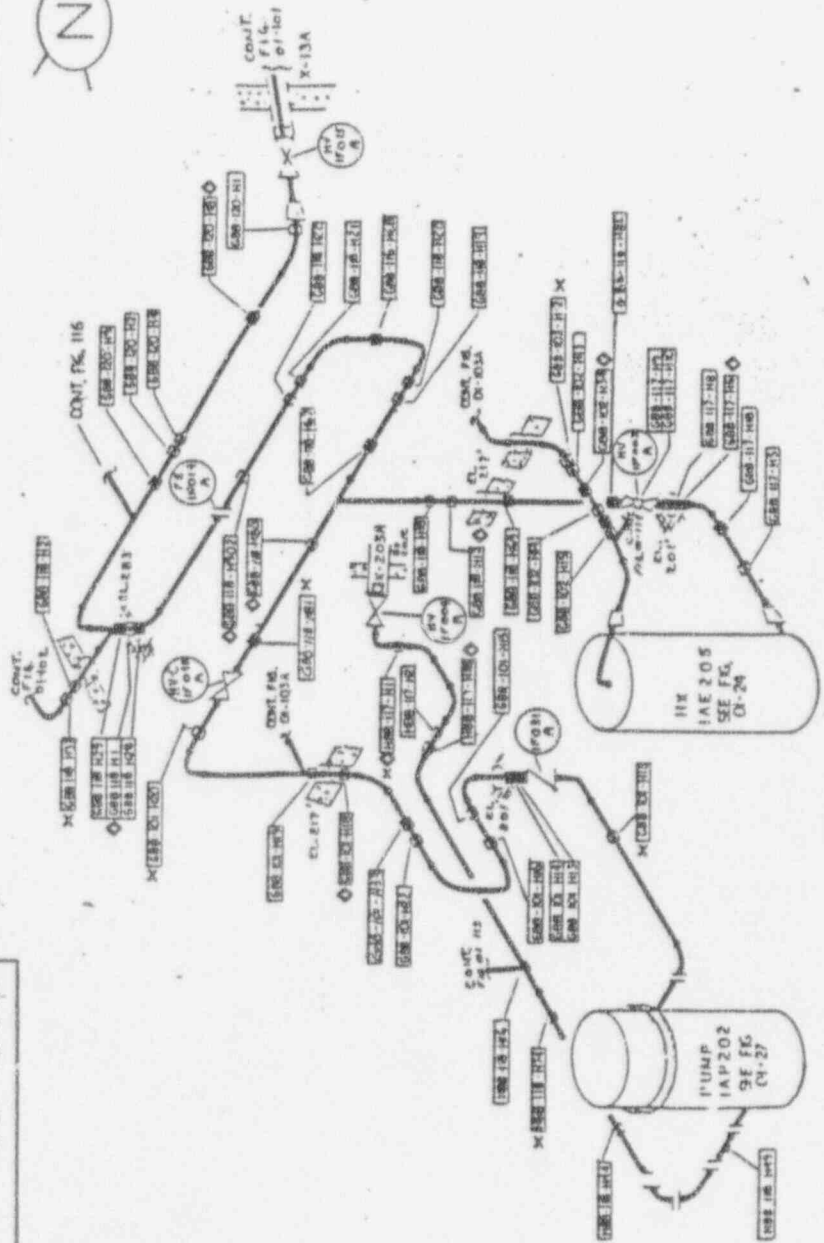
USE LATEST REVISION	
NO.	DESCRIPTION
0	DESIGNED FOR ISI GENERATING STATION - UNIT 1 W.D. BECHTEL REV. 11/21/83
1	REVISED FROM M-10383 SH. 2 TO FIG. 01-101 SH. 1
2	TY

ASME SECTION XI	
ISI ISOMETRIC RHR SYSTEM	
AMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	IGOS CHECKED
DATE	7/1/90
APPRD.	FAI
REV	0
FIG-01-101	

FIG-01-103

SHEET 1

ROUTE 26112



◇ DENOTES WELDED HANGERS

REV. RECHTEL DWG. NO. DATE

088 118-1 Rev. 14

088 118-1 Rev. 21

088 118-1 Rev. 26

088 118-1 Rev. 17

088 102-1 Rev. 24

088 118-4 Rev. 19

088 117-1 Rev. 14

ISI M-51, Sh. 1, Rev. 0

ISI M-51, Sh. 2, Rev. 0

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

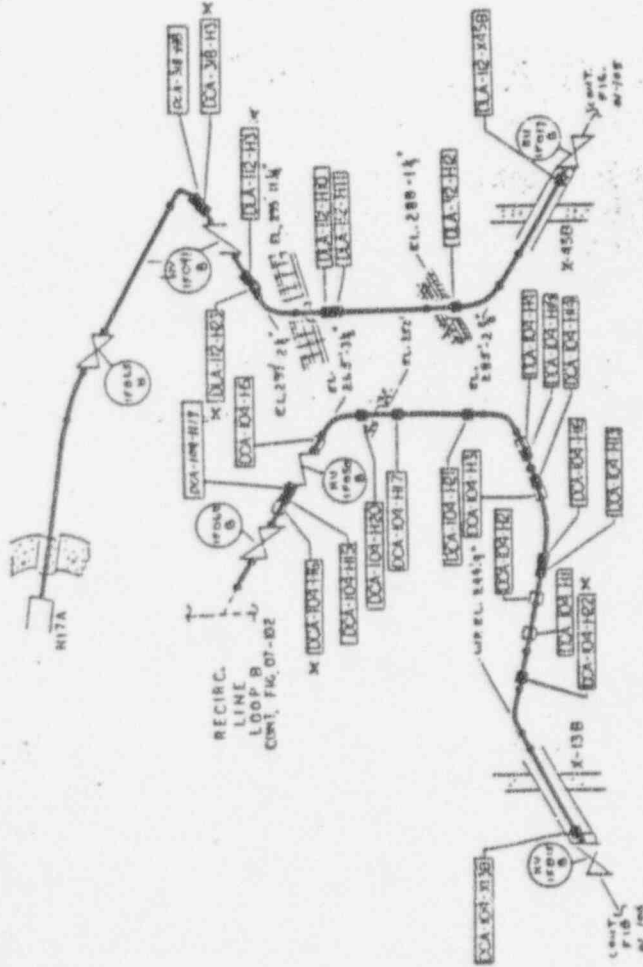
FIGURE 01-103

RHR LOOP A SUPPORTS

NO.	DATE	DESCRIPTION	BY	CHKD.
0	05/17/73	ISSUED FOR ISL SUPPORT FROM M-10363 (R1.6) TO FIG. 01-103 (R1.1)	JVM	JVM

ASWG SECTION XI	
ISI ISOMETRIC RHR SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
DESIGN	PHILADELPHIA ELECTRIC CO.
INSPECTION	DATE
SPK	7/1/70
APPROD.	FIG-01-103
REV.	0

ROUTE 26112



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

REF. SPECIF. PAGES
 DCA 184-1 Rev. 13
 DCA 184-2 Rev. 6
 DCA 318-2 Rev. 12
 DCA 112-2 Rev. 16
 ISI M-51, SH. 3, Rev. 9

NO	DATE	DESCRIPTION	BY	CHKD
0	7/1/50	ISSUED FOR 182 PROVISIONS W.D. 110782215		
1	7/1/50	CHG'D. DRAWING NO. FROM M-10383 SH.10 TO FIG. 01-104 SH.1	TT	

ASME SECTION XI	
ISI ISOMETRIC RHR SYSTEM	
L. MERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	IGDS CHECKED / INSPECTED DATE
SPK	7/1/50
APPRD.	REV
APPRD.	FIG-01-104
	0

FIGURE 01-104

RHR LOOP B SUPPORTS

FIG-01-104

SHEET

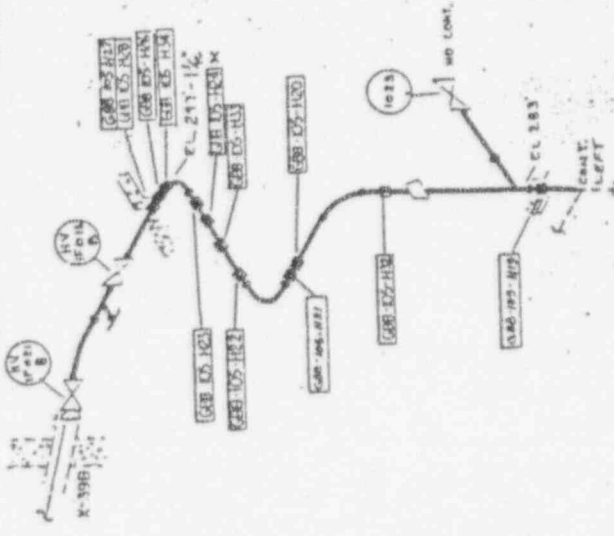
FIG-01-104

SHEET

FIG 01-105

SHEET /

ROUTE 26112

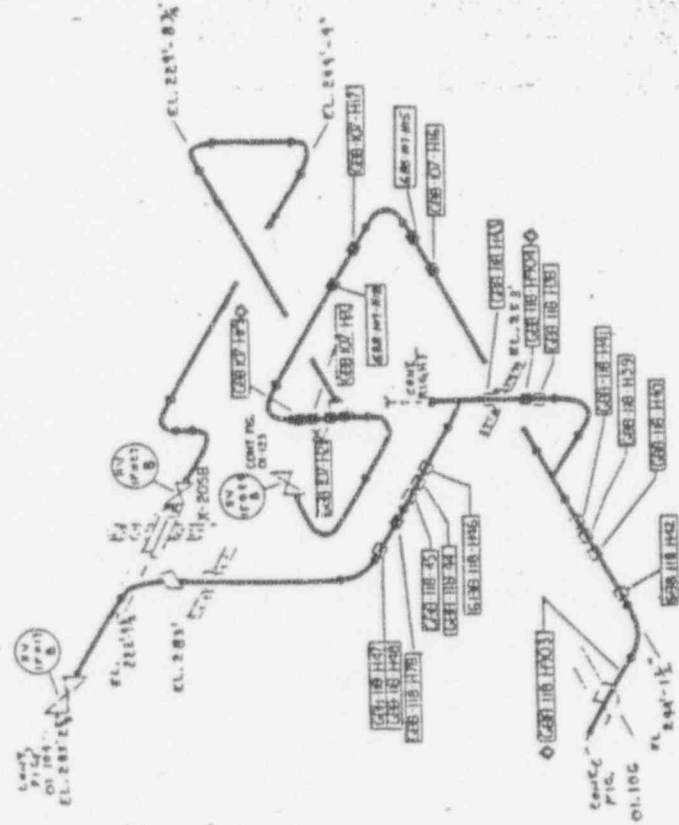


SEE DETAIL DV05.
 ORB 118-3 Rev. 15
 ORB 107-2 Rev. 15
 ORB 105-2 Rev. 11
 ORB 118-1 Rev. 7

ISI M-51, Sh. 3, Rev. 6

NO	DATE	DESCRIPTION	BY	CHKD
0		ISSUED FOR ISI PROGRAM		
1		REV. 1107882425		
2		REV. 1107882425		
3		REV. 1107882425		
4		REV. 1107882425		
5		REV. 1107882425		
6		REV. 1107882425		
7		REV. 1107882425		
8		REV. 1107882425		
9		REV. 1107882425		

ASME SECTION XI	
ISI ISOMETRIC	
RHR SYSTEM	
LI MERICK GENERATING STATION - UNIT 1	REV 0
PHILADELPHIA ELECTRIC CO.	DATE 7/1/50
DESIGN IGD'S CHECKED	INSPECTED
SPIK	---
APPROD. <i>A. J. J.</i>	FIG-01-105
APPROD. <i>A. J. J.</i>	REV 0



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

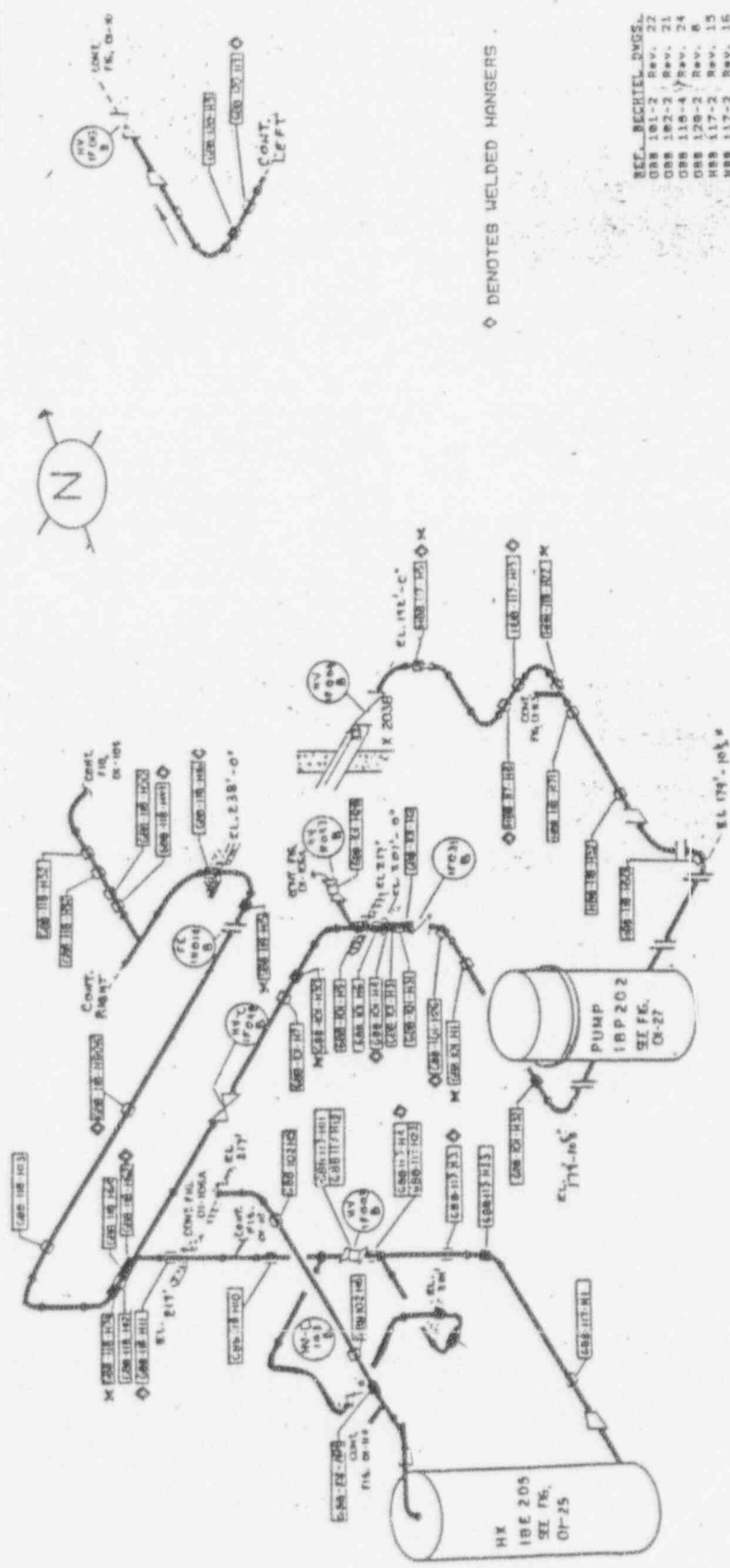
FIGURE 01-105

RHR LOOP B SUPPORTS

SHEET /

FIG-01-105

SHEET



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

FIGURE 01-106

RHR LOOP B SUPPORTS

- REF. MICHEL DUGESL
- GRR 101-2 Rev. 22
 - GRR 102-2 Rev. 21
 - GRR 110-4 Rev. 24
 - GRR 120-2 Rev. 6
 - HRR 117-2 Rev. 15
 - HRR 117-2 Rev. 16
 - HRR 118-3 Rev. 11
- ISI M-51, Sh. 3, Rev. 0
ISI M-51, Sh. 4, Rev. 0

USE LATEST REVISION		REV.	DESCRIPTION
0	1	1	DESIGNED FOR ISI PROJECT
0	2	2	DESIGNED FOR ISI PROJECT
0	3	3	DESIGNED FOR ISI PROJECT
0	4	4	DESIGNED FOR ISI PROJECT
0	5	5	DESIGNED FOR ISI PROJECT
0	6	6	DESIGNED FOR ISI PROJECT
0	7	7	DESIGNED FOR ISI PROJECT
0	8	8	DESIGNED FOR ISI PROJECT
0	9	9	DESIGNED FOR ISI PROJECT
0	10	10	DESIGNED FOR ISI PROJECT
0	11	11	DESIGNED FOR ISI PROJECT
0	12	12	DESIGNED FOR ISI PROJECT
0	13	13	DESIGNED FOR ISI PROJECT
0	14	14	DESIGNED FOR ISI PROJECT
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0	89	89	DESIGNED FOR ISI PROJECT
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0	93	93	DESIGNED FOR ISI PROJECT
0	94	94	DESIGNED FOR ISI PROJECT
0	95	95	DESIGNED FOR ISI PROJECT
0	96	96	DESIGNED FOR ISI PROJECT
0	97	97	DESIGNED FOR ISI PROJECT
0	98	98	DESIGNED FOR ISI PROJECT
0	99	99	DESIGNED FOR ISI PROJECT
0	100	100	DESIGNED FOR ISI PROJECT

ASME SECTION XI
ISI ISOMETRIC
RHR SYSTEM

LIMERICK GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.
DESIGN IGOS CHECKED/INSPECTED DATE
SPK — 2/28 — 7/1/90
APPD. — — — — —
FIG-01-106 REV 0

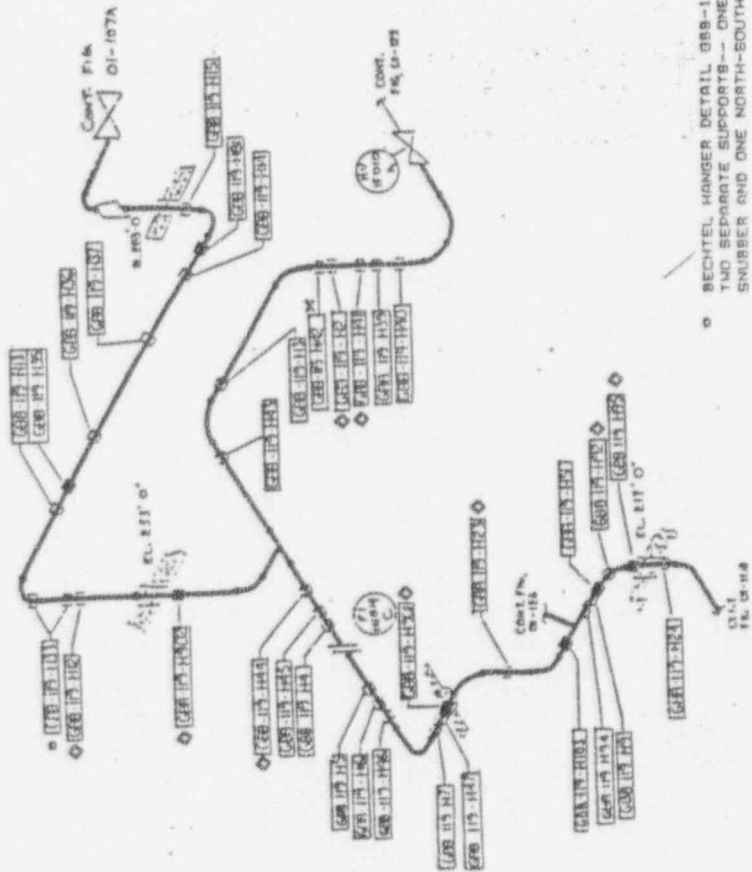
ROUTE 26112



◇ DENOTES WELDED HANGERS

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

REF. BECHTEL DWSL
 088 119-2 Rev. 17
 088 119-3 Rev. 23
 ISI M-31, SN. 1, REV. 6



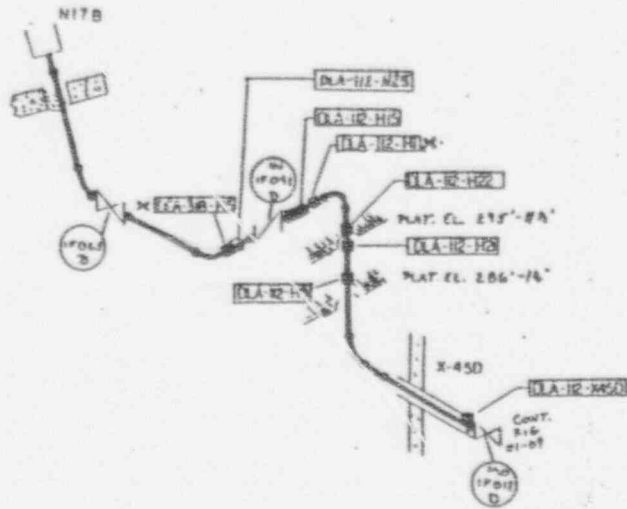
◇ BECHTEL HANGER DETAIL G88-119-H33 SHOWS TWO SEPARATE SUPPORTS - ONE EAST-WEST SHUBBER AND ONE NORTH-SOUTH RESTRAINT

USE LATEST REVISION		DATE	DESCRIPTION	BY	CHKD
0			ISSUED FOR THE PROJECT		
1			REVISED TO REFLECT		
2			CHG'D. DRAWING NO. FROM 14-10883 SH.18 TO FIG. 01-107 SH.1		
3					
4					
5					

ASME SECTION XI	
ISI ISOMETRIC RHR SYSTEM	
LINERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
SPR	7/1/90
CHECKED	
INSPECTED	
DATE	
REV	FIG-01-107
APPD.	
REV	0

FIGURE 01-107

RHR LOOP C SUPPORTS



REF. RECRETAL DWGS.
 DLA 112-1 Rev. 20
 DCA 216-1 Rev. 14
 ISI H-51, Sh. 3, Rev. 0

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

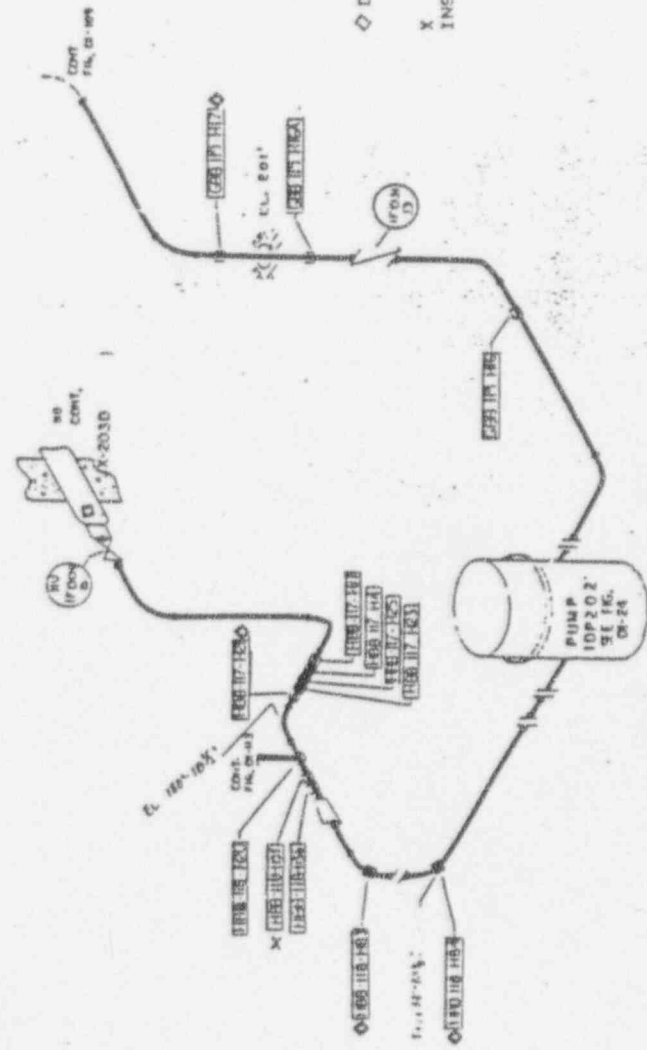
FIGURE 01-109A
 RHR LOOP D SUPPORTS

0		1		2	
USE LATEST REVISION					
ASME SECTION XI					
ISI ISOMETRIC RHR SYSTEM					
LIMERICK GENERATING STATION - UNIT 1					
PHILADELPHIA ELECTRIC CO.					
NO.	DATE	DESCRIPTION	DESIGN	IGOS	INSPECTED
0	5/7/93	ISSUED FOR ISI PROJECT W.C. 1107882431 REF. 1107882431			
0	5/7/93	CHG'D. DRAWING NO. FROM H-10383 SH.26 TO FIG.01-109A SH.1			
APPRO. <i>[Signature]</i>			DATE 7/1/90		
APPRO. <i>[Signature]</i>			FIG-01-109A		
			REV 0		

SHEET 1

FIG-01-110

ROUTE 26112



◇ DENOTES WELDED HANGERS

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

SEE: REC'D. DWGS.
 888 119-4 Rev. 7
 888 117-4 Rev. 15
 888 118-7 Rev. 11
 ISI M-51, Sh. 3, Rev. 6

NO.	DATE	DESCRIPTION	BY	CHKD
0		DESIGNED FOR ISI		
1		W.D. 11/28/53		
2		CHK'D. DRAWING NO. 10P202 FROM M-10383 CHL. 28 TO FIG. 01-110 SK. 1 WC		
3				

ASME SECTION XI	
ISI ISOMETRIC	
RHR SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
DESIGN	PHILADELPHIA ELECTRIC CO.
IGDS CHECKED	DATE
SPK	7/1/50
APPRO.	REV.
APPRO.	FIG-01-110
	0

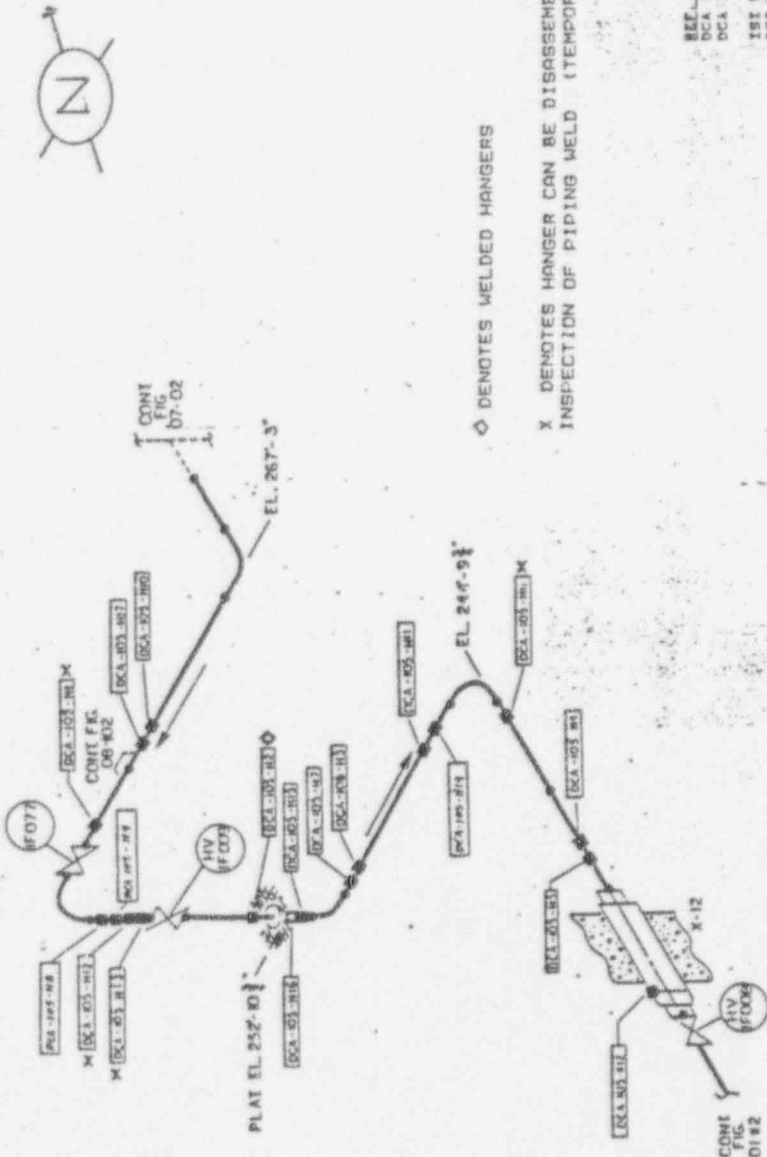
FIGURE 01-110

RHR LOOP D SUPPORTS

SHEET 1

FIG-01-110

Vertical text on the right edge of the page, likely a reference or drawing number.



◇ DENOTES WELDED HANGERS

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

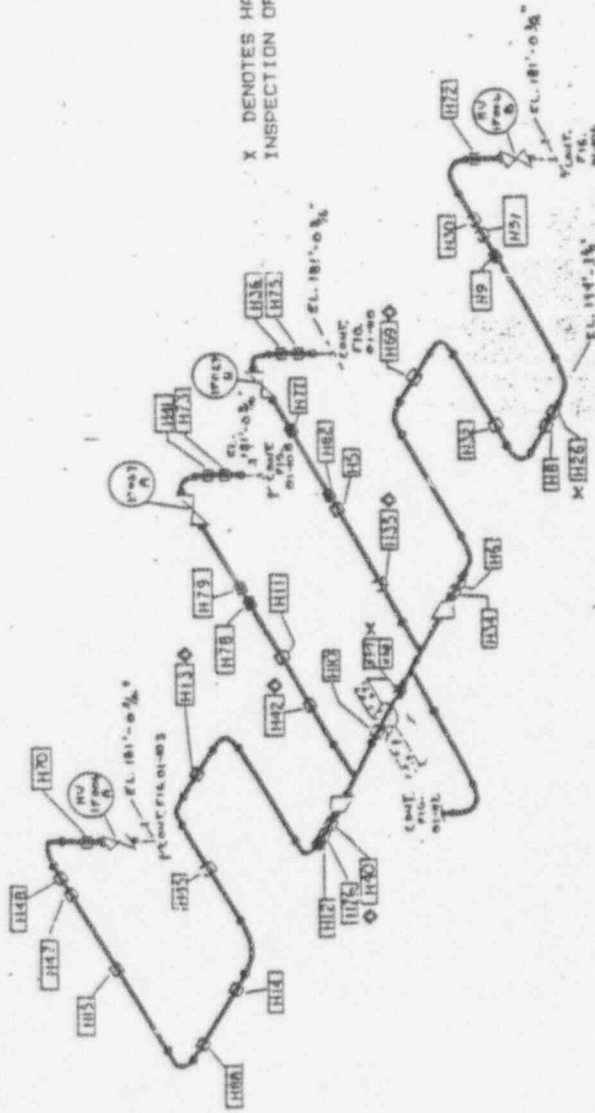
REF. SECRET. DWG.
 DCA 183-1, Rev. 16
 DCA 183-2, Rev. 9
 ISI N-31, SH. 1, Rev. 9
 ISI N-31, SH. 2, Rev. 6

FIGURE 01-111

RHR SUPPORTS

USE LATEST REVISION		ASME SECTION XI	
NO.	DATE	DESCRIPTION	BY
0		ISSUED FOR ISI PROGRAM	ICB
1		REVISED PER ISI PROGRAM	ICB
2		REVISED PER ISI PROGRAM	ICB
3		REVISED PER ISI PROGRAM	ICB
4		REVISED PER ISI PROGRAM	ICB
5		DESIGN IGDS CHECKED	ICB
6		DESIGN IGDS CHECKED	ICB
7		DESIGN IGDS CHECKED	ICB
8		DESIGN IGDS CHECKED	ICB
9		DESIGN IGDS CHECKED	ICB
10		DESIGN IGDS CHECKED	ICB
11		DESIGN IGDS CHECKED	ICB
12		DESIGN IGDS CHECKED	ICB
13		DESIGN IGDS CHECKED	ICB
14		DESIGN IGDS CHECKED	ICB
15		DESIGN IGDS CHECKED	ICB
16		DESIGN IGDS CHECKED	ICB
17		DESIGN IGDS CHECKED	ICB
18		DESIGN IGDS CHECKED	ICB
19		DESIGN IGDS CHECKED	ICB
20		DESIGN IGDS CHECKED	ICB

ISI AMERICK GENERATING STATION - UNIT 1
 ISI ISOMETRIC
 RHR SYSTEM
 PHILADELPHIA ELECTRIC CO.
 DATE 7/11/70
 SPK
 APPROV. J.M.D.
 FIG-01-111
 REV. 0



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

◇ DENOTES WELDED HANGERS

NOTE
COMPLETE HANGER NUMBERS HAVE
A PREFIX OF HBB-116

REF. SPECIFIC DVSLS.
HBB 116-2, Rev. 13
HBB 116-3, Rev. 14
ISI M-51, Sh. 1, Rev. 0
ISI M-51, Sh. 2, Rev. 0

USE LATEST REVISION		REV.	DATE	DESCRIPTION
0	1			DESIGNED FOR ISI PROGRAM
0	2			DESIGNED FOR ISI PROGRAM
0	3			DESIGNED FOR ISI PROGRAM
0	4			DESIGNED FOR ISI PROGRAM
0	5			DESIGNED FOR ISI PROGRAM
0	6			DESIGNED FOR ISI PROGRAM
0	7			DESIGNED FOR ISI PROGRAM
0	8			DESIGNED FOR ISI PROGRAM
0	9			DESIGNED FOR ISI PROGRAM
0	10			DESIGNED FOR ISI PROGRAM
0	11			DESIGNED FOR ISI PROGRAM
0	12			DESIGNED FOR ISI PROGRAM
0	13			DESIGNED FOR ISI PROGRAM
0	14			DESIGNED FOR ISI PROGRAM
0	15			DESIGNED FOR ISI PROGRAM
0	16			DESIGNED FOR ISI PROGRAM
0	17			DESIGNED FOR ISI PROGRAM
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0	19			DESIGNED FOR ISI PROGRAM
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0	88			DESIGNED FOR ISI PROGRAM
0	89			DESIGNED FOR ISI PROGRAM
0	90			DESIGNED FOR ISI PROGRAM
0	91			DESIGNED FOR ISI PROGRAM
0	92			DESIGNED FOR ISI PROGRAM
0	93			DESIGNED FOR ISI PROGRAM
0	94			DESIGNED FOR ISI PROGRAM
0	95			DESIGNED FOR ISI PROGRAM
0	96			DESIGNED FOR ISI PROGRAM
0	97			DESIGNED FOR ISI PROGRAM
0	98			DESIGNED FOR ISI PROGRAM
0	99			DESIGNED FOR ISI PROGRAM
0	100			DESIGNED FOR ISI PROGRAM

FIGURE 01-113

RHR SUPPORTS

ASME SECTION XI
ISI ISOMETRIC
RHR SYSTEM

LIMERICK GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.

DESIGN IGDS CHECKED/INSPECTED DATE
SPK - KCB - 7/1/90

APPR. [Signature] REV. 0
APPR. [Signature] REV. 1

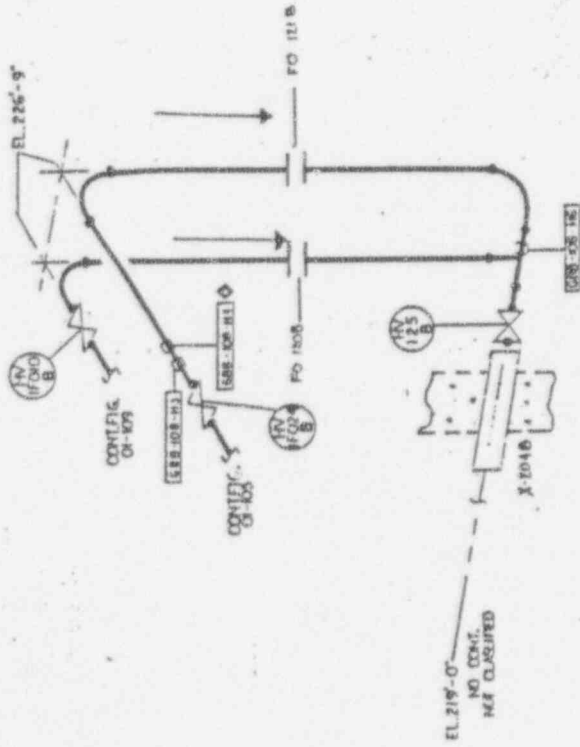
FIG-01-113

ROUTE 26112



SHEET 1

FIG-01-123



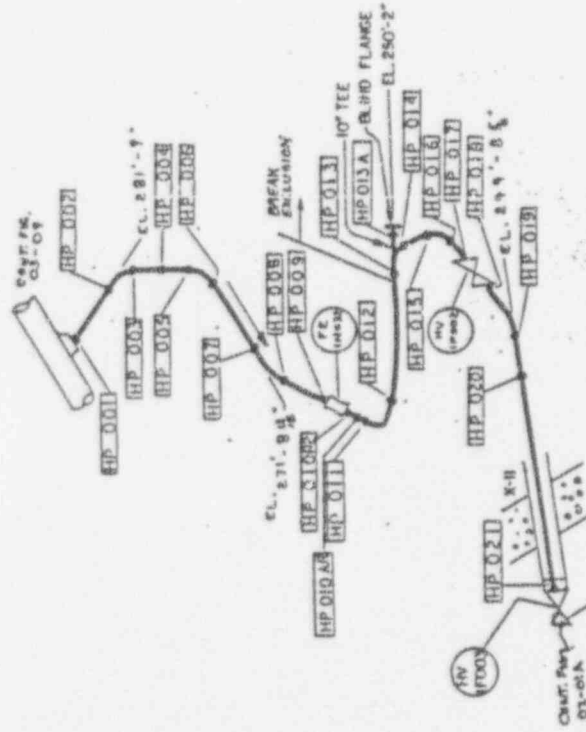
REF. RECHTEL DWGS.
 Q&R 108-2 Rev. 13
 TEST M-SI, Sh. 3, Rev. 0

NO.	DATE	DESCRIPTION	BY	CHKD.
0		USE LATEST REVISION		
1	4/1	REVISED FOR 101 PROGRAM MTC REV. 11/19/54		
5		CH'D. DRAWING NO. FROM M-10383 SR. 45 TO FIG. 01-123 SR. 1		
1				
4				

ASME SECTION XI	
ISI ISOMETRIC	
RHR SYSTEM	
AMERICK GENERATING STATION - UNIT 1	
DESIGN	PHILADELPHIA ELECTRIC CO.
IGDS	CHECKED
INSPECTED	DATE
SPK	7/1/50
APPROD.	
APPROD.	WBY
FIG-01-123	REV 0

FIGURE 01-123
 RHR SUPPORTS

ROUTE 26112



REF. RECHTEL DMSIS.
RBB-108-1 REV. 20

ISI-M-55 Ch. 1, Rev. 0

USE LATEST REVISION		ASME SECTION XI	
NO.	DATE	DESCRIPTION	BY
0		ISSUED FOR ISI PROGRAM	ELC
1	7/1/96	DESIGN IGD'S CHECKED	ELC
2	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
3	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
4	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
5	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
6	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
7	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
8	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
9	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
10	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
11	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
12	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
13	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
14	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
15	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
16	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
17	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
18	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
19	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
20	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
21	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
22	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
23	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
24	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
25	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
26	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
27	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
28	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
29	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
30	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
31	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
32	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
33	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
34	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
35	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
36	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
37	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
38	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
39	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
40	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
41	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
42	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
43	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
44	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
45	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
46	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
47	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
48	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
49	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
50	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
51	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
52	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
53	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
54	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
55	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
56	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
57	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
58	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
59	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
60	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
61	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
62	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
63	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
64	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
65	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
66	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
67	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
68	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
69	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
70	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
71	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
72	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
73	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
74	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
75	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
76	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
77	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
78	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
79	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
80	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
81	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
82	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
83	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
84	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
85	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
86	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
87	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
88	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
89	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
90	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
91	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
92	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
93	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
94	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
95	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
96	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
97	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
98	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
99	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC
100	7/1/96	PHILADELPHIA ELECTRIC CO.	ELC

FIGURE 02-01
HPCI WELDS

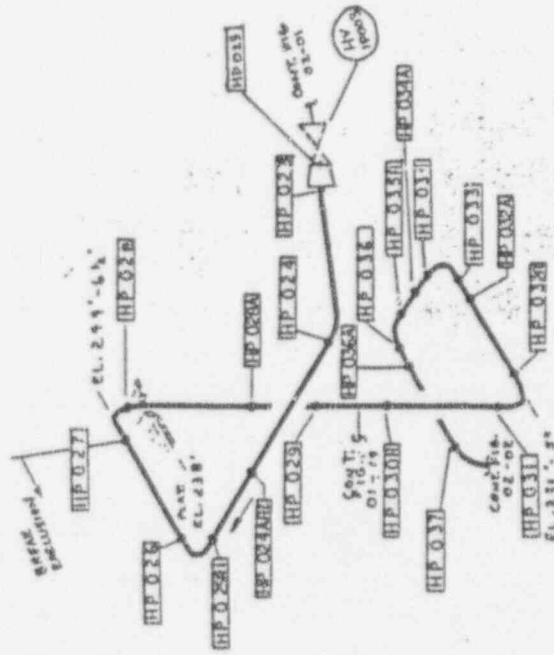
SHEET 1

FIG-02-01

FIG-02-01 SHEET 1

SHEET 1

ROUTE 26112



REV. RECHECK DWGS
DBA-106-2 Rev. 13
DBA-106-1 Rev. 20
ISI-M-61 Sh. 2, Rev. 0
ISI-M-55 Sh. 1, Rev. 0

DATE	DESCRIPTION	BY	CHK'D
05	DESIGNED FOR ISI PROCESSING UNIT	W.C.	
07	DESIGNED FOR ISI PROCESSING UNIT	W.C.	
23	DESIGNED FOR ISI PROCESSING UNIT	W.C.	

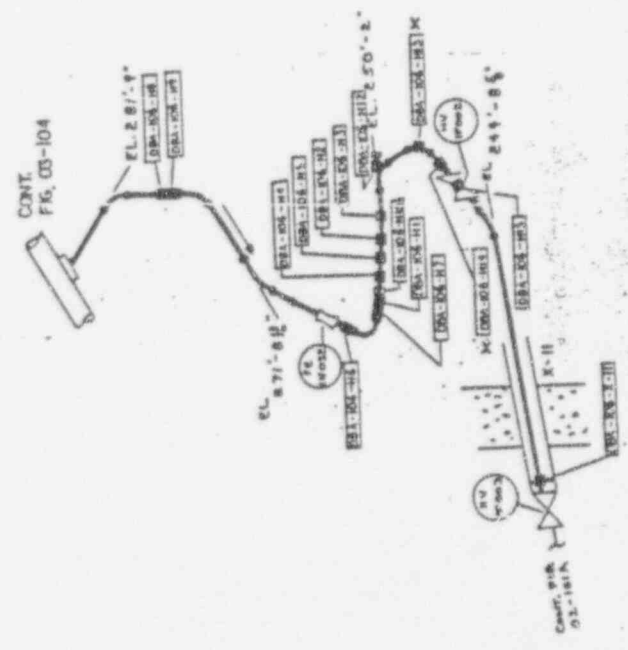
FIGURE 02-01A
HPCI WELDS

ASME SECTION XI
ISI ISOMETRIC
HPCI SYSTEM
LIMERICK GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.
DESIGN I DWS CHECKED INSPECTED DATE
G.L.S. — — — 7/1/90
APPRO. *[Signature]*

FIG-02-01A

SHEET 1

ROUTE 26112



REF. RECHTEL, DMCS,
 DBA-106-1 Rev. 13
 DBA-106-1 Rev. 20
 ISI-M-41 SH. 2, Rev. 0
 ISI-M-55 SH. 1, Rev. 0

K DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF FIRING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

USE LATEST REVISION		1	2
NO.	DATE	DESCRIPTION	BY
0		DESIGNED FOR 181 HPI SYSTEM PHILADELPHIA ELECTRIC CO.	
5		CHG'D. DRAWING NO. 60 FROM H-10383 SH. 49	
7		TO FIG. 02-101 SH. 1	
93		WC	

FIGURE 02-101
 HPCI SUPPORTS

ASME SECTION XI
 ISI ISOMETRIC
 HPCI SYSTEM

LIVERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGN I GOS CHECKED
 GLS
 DATE 7/1/90
 APPROV. *[Signature]*
 FIG-02-101
 REV 0

SHEET 1 TITLE

SHEET 1

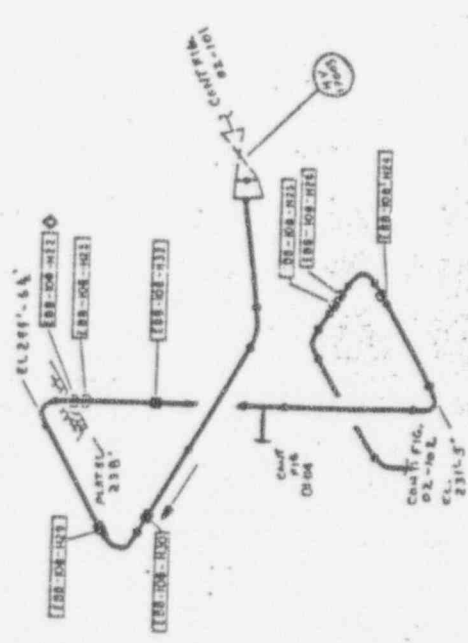
FIG-02-101

FIG-02-101 SHEET 1

SHEET 1

FIG-02-101A

ROUTE 26112



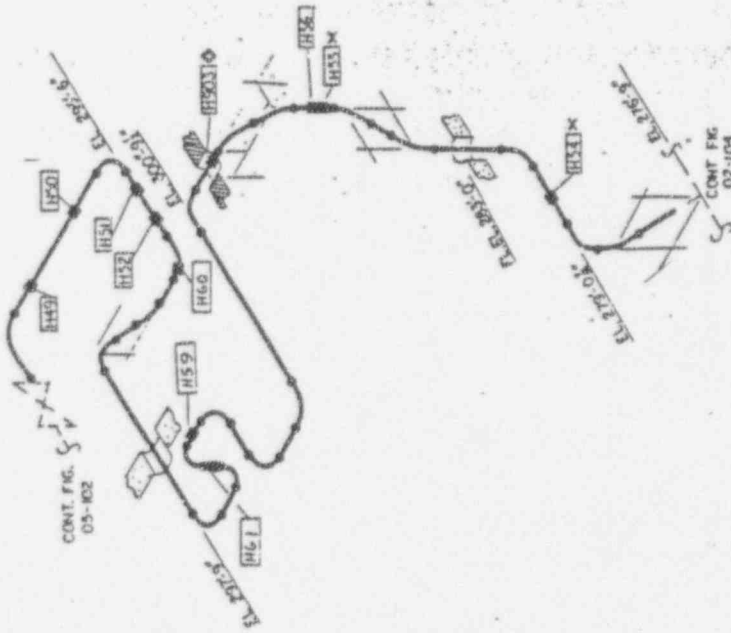
◇ DENOTES WELDED HANGERS

FIGURE 02-101A
HPCI SUPPORTS

REF. RECHTEL DWGS.
ERS-108-1 Rev. 20
ISI-M-55 SH. 17 Rev. 0

NO.	DATE	DESCRIPTION	BY	CHKD.
0	5/1/50	DESIGNED FOR ISI PROGRAM PROJECT NO. 110728794		
1	7/1/50	CHG'D. DRAWING NO. FROM 14-10483 REV. 51 TO FIG. 02-101A REV. 10		
2	7/1/50	WC		

ASME SECTION XI
ISI ISOMETRIC
HPCI SYSTEM
PHILADELPHIA ELECTRIC CO.
DESIGN CHECKED INSPECTED DATE
G.L.S. ———— 7/1/50
APPRO. *[Signature]* FIG-02-101A REV. 0



REF. RECHTEL. DWGS.

EBB-129-4 REV. 6
151-4455 SHT. 1 REV. 0

NOTE:
COMPLETE HANGER NUMBERS
HAVE PREFIX OF EBB-129

◇ DENOTES WELDED HANGER

* DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD
(TEMPORARY SUPPORT MAY BE REQUIRED)

USE LATEST REVISION		REV.	DATE
0	ISSUED FOR IRI PRODUCTION		
1	REVISED FOR IRI PRODUCTION		
2	CHG'D. DRAWING NO. 1	02	07/70
3	FROM M-10363 SH. 63	01	07/70
4	TO FIG. 02-107 SH. 1	01	07/70

ASME SECTION XI	
ISI ISOMETRIC	
HPCI SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
IGDS	CHECKED
GLT	INSPECTED
APPRO. <i>[Signature]</i>	DATE
WPRO. <i>[Signature]</i>	DATE
FIG-02-107	
REV	0

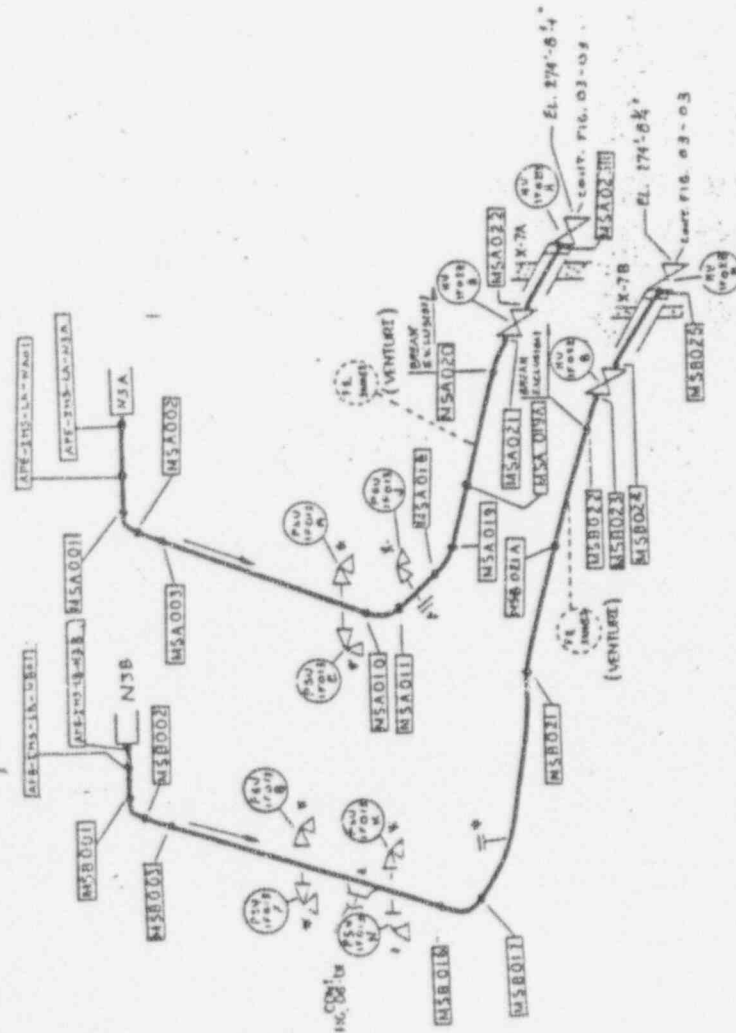
FIGURE 02-107
HPCI SUPPORTS

ROUTE 26112



FIG-03-01

SHEET 1



REF. RECHTEL DMS.
8011-M-1-821-0001-C-1.6
181-M-41 EN. 2, REV. 0

NO.	DATE	DESCRIPTION	BY	CHKD.
0		ISSUED FOR 181 PROJECT BY 110782424		
1	05	CHG'D. DRAWING NO. FROM M-10383 SSI.68		
2	07	TO FIG. 03-01 SSI.1		
3	08			

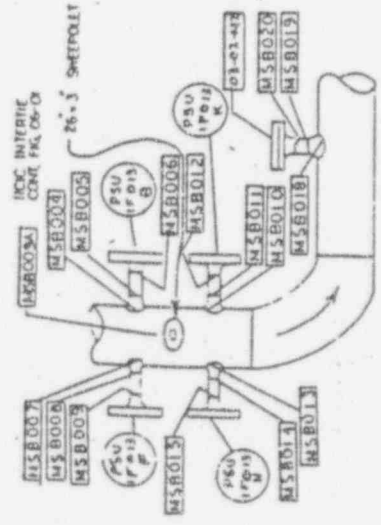
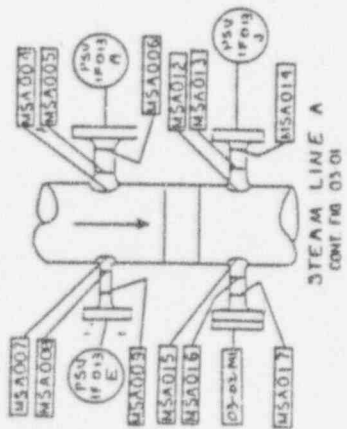
ASME SECTION XI	
ISI ISOMETRIC	
MAIN STEAM SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
DESIGN	PHILADELPHIA ELECTRIC CO.
CHECKED	IGDS
INSPECTED	DATE
7/1/90	
APPROVED	FIG-03-01
Rev	0

FIGURE 03-01
MAIN STEAM WELDS
LINES A & B

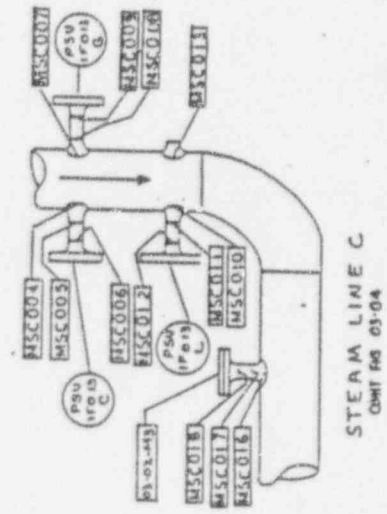
FIG-03-01 SHEET 1

FIG-03-02

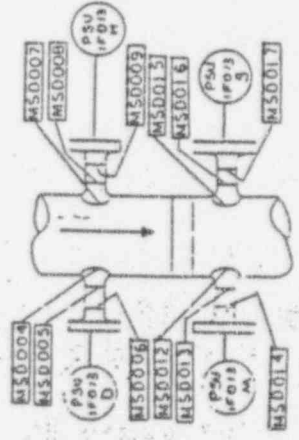
ROUTE 26112



STEAM LINE B
CONT FIG 03-01



STEAM LINE C
CONT FIG 03-04



STEAM LINE D

REV. RECHTEL DWGS.
8031-BMRFD-1MS-1
181-N-41 SN. 2, REV. 0

FIGURE 03-02
MAIN STEAM WELDS

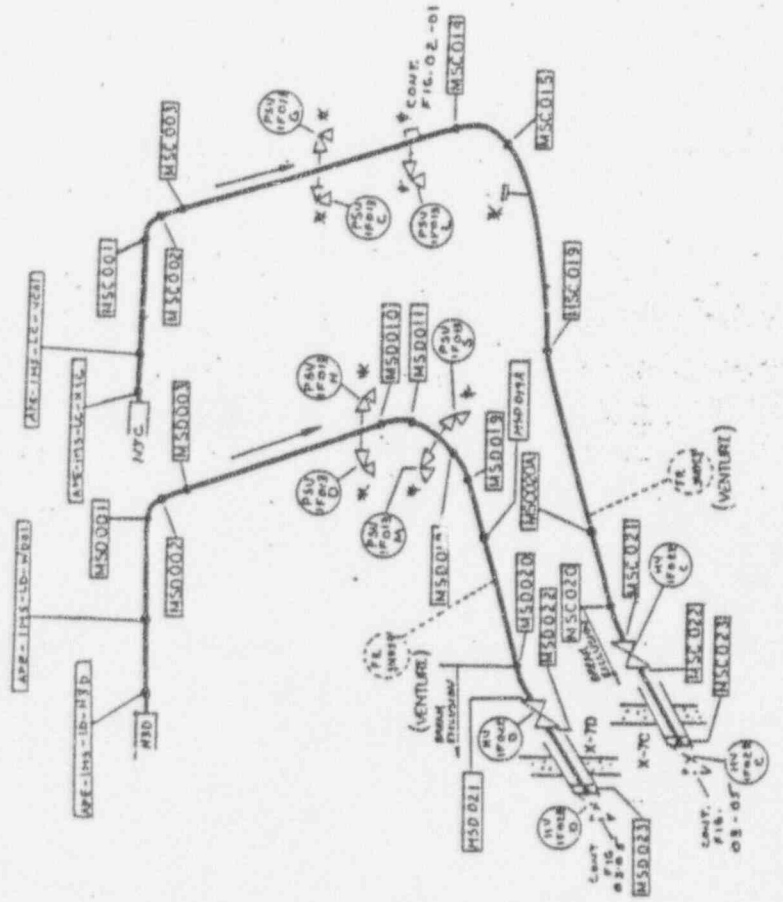
NO.	DATE	DESCRIPTION	BY	CHK
0		ISSUED FOR USE		
1		DESIGN CHANGES		
2		DESIGN CHANGES		
3		DESIGN CHANGES		
4		DESIGN CHANGES		
5		DESIGN CHANGES		
6		DESIGN CHANGES		
7		DESIGN CHANGES		
8		DESIGN CHANGES		
9		DESIGN CHANGES		
10		DESIGN CHANGES		

ASME SECTION XI
ISI ISOMETRIC
MAIN STEAM SYSTEM
L. MERICK GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.
DESIGN CHECKED INSPECTED DATE
APPRO. 7/1/90
FIG-03-02 Rev 0

ROUTE 26112



REF. RECHTEL DWGS.
8031-N-1-831-0001-G-1.6
ISI-N-61 SD. 2nd REV. 0



USE LATEST REVISION	
NO.	DESCRIPTION
0	ISSUED FOR USE IN PROJECT APP. NO. 110782733
1	CHG'D. DRAWING NO. FROM M-10083 08.73 TO FIG. 03-04 08.1
2	DATE
3	DATE
4	DATE
5	DATE
6	DATE
7	DATE
8	DATE
9	DATE
10	DATE

ASME SECTION XI	
ISI ISOMETRIC	
MAIN STEAM SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
IGDS	7/1/90
CHECKED	DATE
ACB	7/1/90
APPRO.	DATE
APPRO.	DATE
FIG-03-04	REV 0

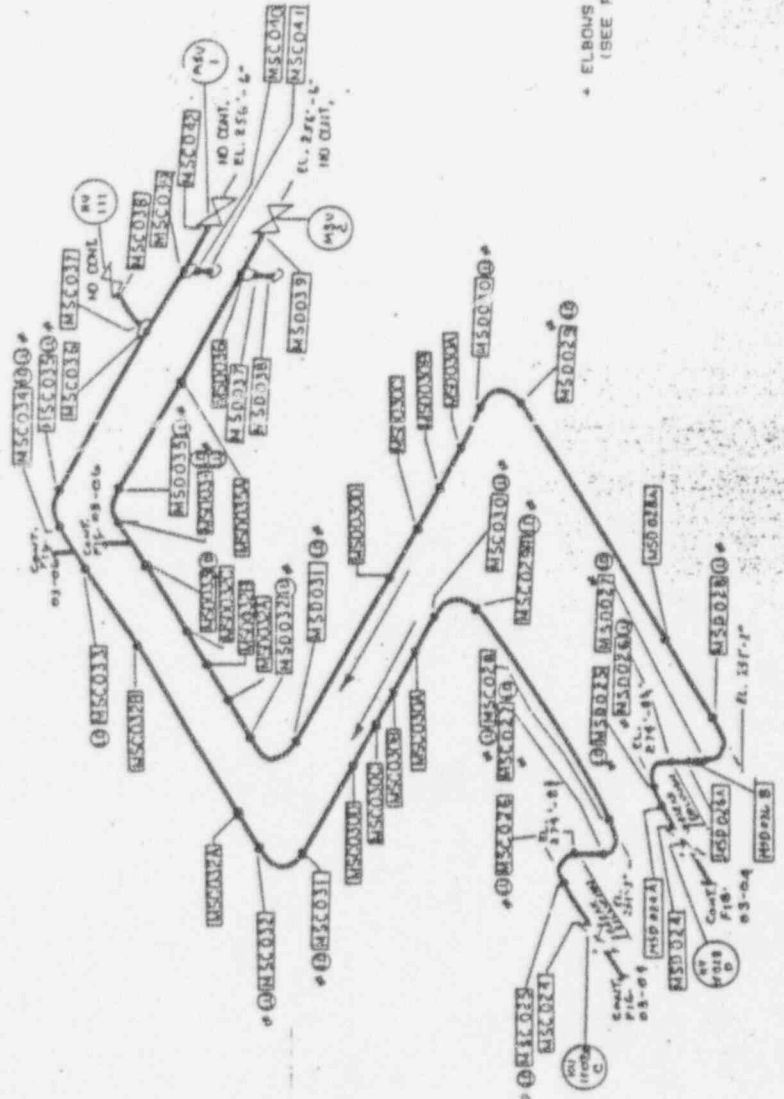
FIGURE 03-04
MAIN STEAM WELDS
LINES C & D

FIG-03-04
SHEET 1

FIG-03-04
SHEET 1

FIG-03-04
SHEET 1

ROUTE 26112



* ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS.
(SEE FIGURE 10-04)

REV. RECEIVED DATES
 ESB-101-1 Rev. 30
 ESB-102-1 Rev. 24
 ISI-M-41 Sh. 2 Rev. 0
 ISI-M-01 Sh. 1 Rev. 0

USE LATEST REVISION	
NO.	DESCRIPTION
0	ISSUED FOR ISI PROJECT
0	CHG'D. DRAWING NO. FROM M-10083 SLS. TO PTO. 03-05 (SLS.)
0	DESIGN IGDS CHECKED/INSPECTED DATE
0	DATE
0	DATE

ASME SECTION XI
 ISI ISOMETRIC
 MAIN STEAM SYSTEM

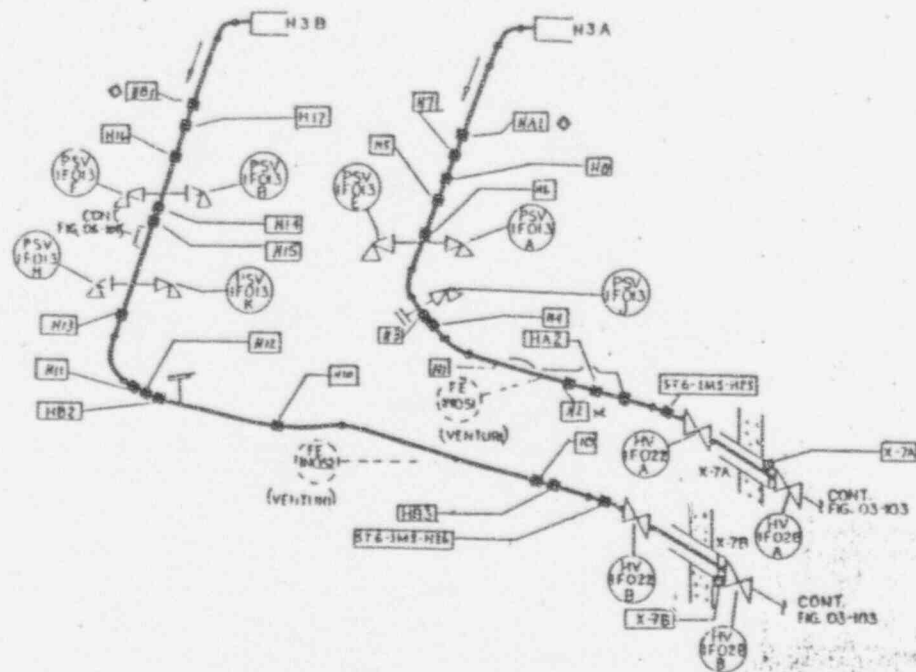
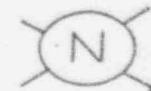
LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGN IGDS CHECKED/INSPECTED DATE
 GLS --- 7/11/90
 APPR. [Signature]
 FIG-03-05 REV 0

FIGURE 03-05
 MAIN STEAM HELDS
 LINES C & D

FIG - 03-105
 SHEET 1

FIG-03-05 SHEET 1

TITLE CHECK



◇ DENOTES WELDED HANGERS
 X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

REF. BECHTEL DWGS.
 8031-M-1-B21-C002-C-1.4
 8031-M-1-B21-C001-C-12.3
 ISI-M-41 SH. 2, Rev. 0

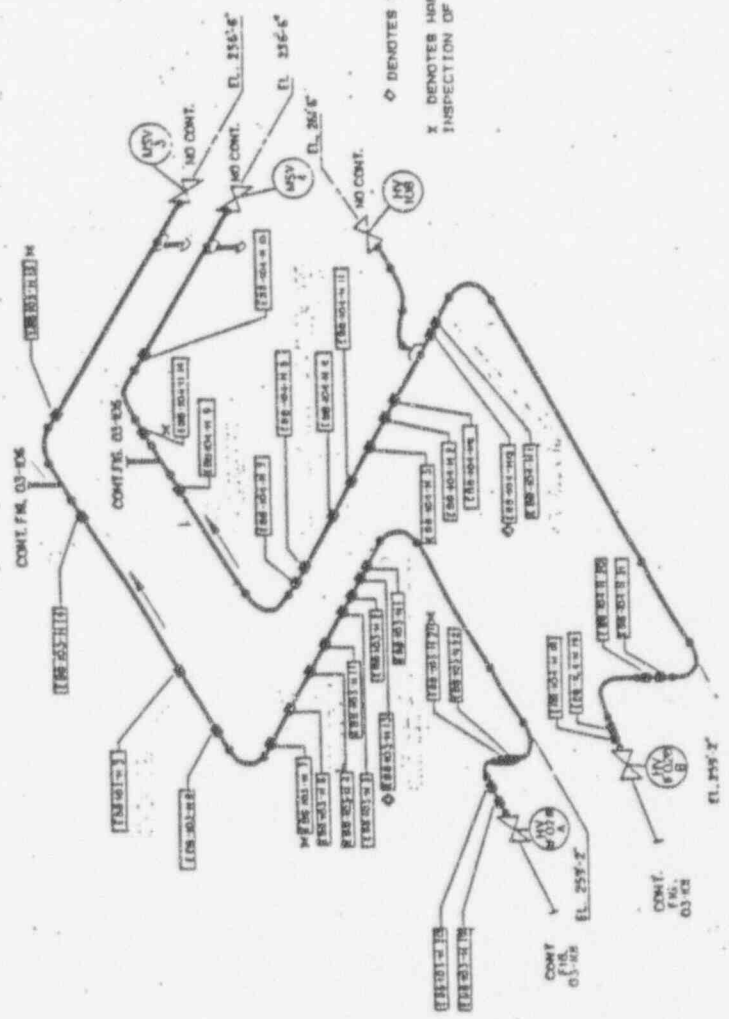
NOTE: 1. COMPLETE HANGER NUMBERS HAVE PREFIX OF APP-1MS EXCEPT AS OTHERWISE NOTED
 2. HANGER NUMBERS AND LOCATIONS ARE TAKEN FROM BECHTEL CUMULATIVE LIST OF SUPPORTS

FIGURE 03-101

MAIN STEAM SUPPORTS
 LINES A & B

0		1		2		ASME SECTION XI	
USE LATEST REVISION							
NO.	DATE	DESCRIPTION	BY	CHKD	TRIP		
0	7/79	ISSUED FOR ISI PROGRAM W.O. PENDING REV. 1107882425				LIWERICK GENERATING STATION - UNIT 1	
						PHILADELPHIA ELECTRIC CO.	
0	5/79	CHG'D. DRAWING NO. FROM M-10383 SH. 69 TO FIG. 03-101 SH. 1				DESIGN	IGDS
						CHEKED	INSPECTED
						DATE	7/79
						APPRO.	
						APPRO.	FIG-03-101
						REV	0

ROUTE 26112



◇ DENOTES WELDED HANGERS

X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

M.E. ROBERTS, ENGINEER
 ESB-104-1 Rev. 28
 ESB-104-2 Rev. 7
 181-N-81 Kh. 2, Rev. 0
 181-N-81 Kh. 1, Rev. 0

USE LATEST REVISION		DESCRIPTION	DATE
0	1	INCORPORATED ESB-104-1 Rev. 28	1/1/70
0	2	INCORPORATED ESB-104-2 Rev. 7	1/1/70
0	3	INCORPORATED 181-N-81 Kh. 2, Rev. 0	1/1/70
0	4	INCORPORATED 181-N-81 Kh. 1, Rev. 0	1/1/70

0	5	CHG'D. DRAWING NO. 5 FROM H-10303 SH. 72 TO FIG. 03-103 SH. 1, 4, 6	1/1/70
0	6	CHG'D. DRAWING NO. 5 FROM H-10303 SH. 72 TO FIG. 03-103 SH. 1, 4, 6	1/1/70

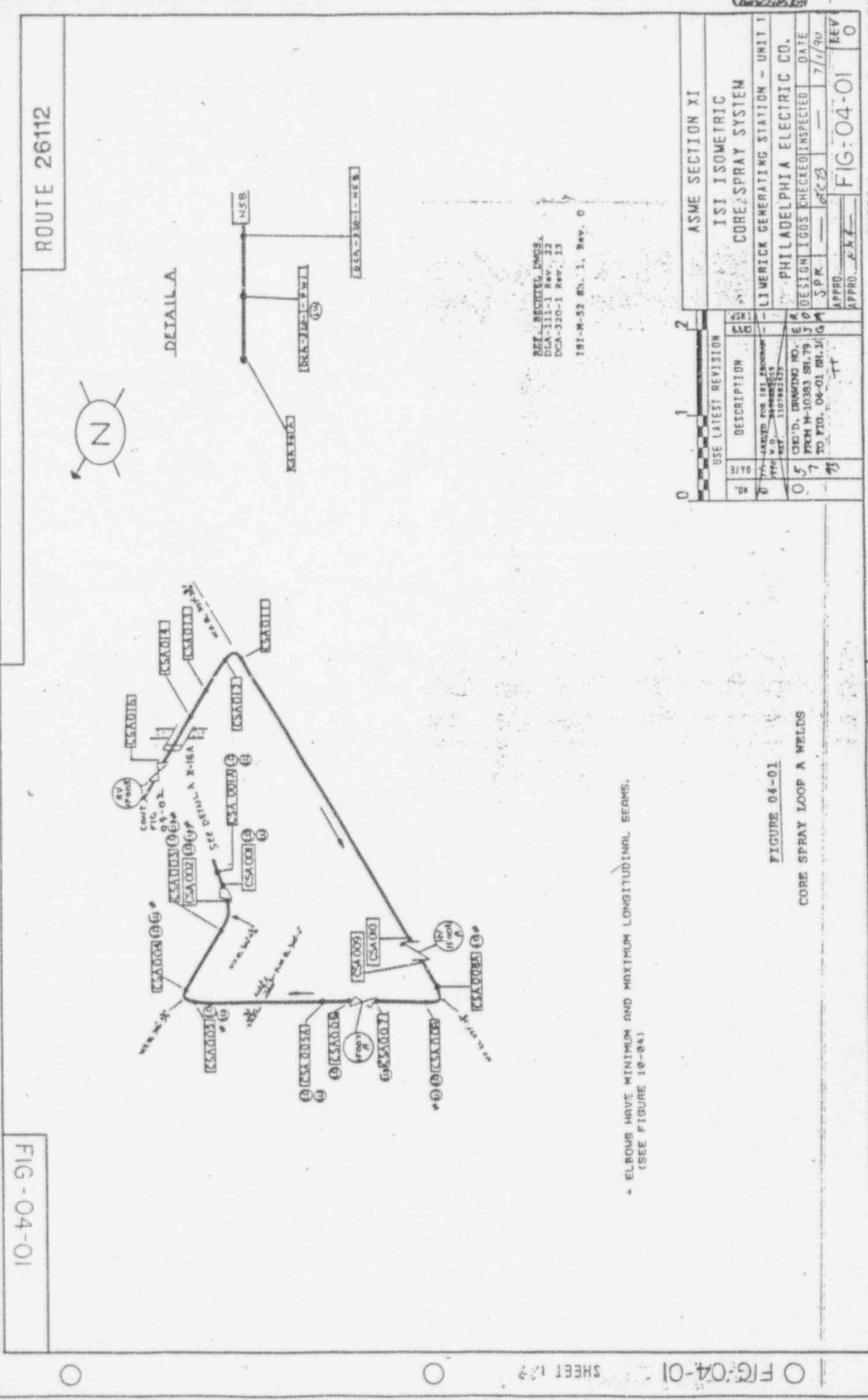
ASME SECTION XI
 ISI ISOMETRIC
 MAIN STEAM SYSTEM
 LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGNER: G.S. CHECKED: DATE: 1/1/70
 APPROVED: 1/1/70
 FIG-03-103 REV 0

FIGURE 03-103
 MAIN STEAM SUPPORTS
 LINES A & B

FIG-03-103
 SHEET 1

SHEET 1 TITLE CHECK: 0

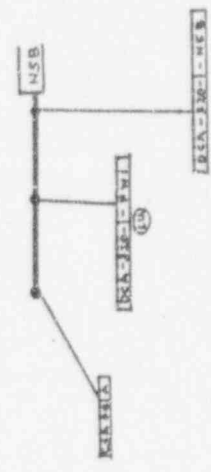
FIG-03-103 SHEET 1



ROUTE 26112



DETAIL A



REF. SPECIFICATIONS:
 DCA-111-1 Rev. 22
 DCA-320-1 Rev. 13
 ISI-M-52 Ed. 1, Rev. 0

USE LATEST REVISION		ASME SECTION XI	
NO.	DATE	DESCRIPTION	REV.
0		DESIGNED FOR ISI PROCESSING UNIT 1	0
0	05	DESIGN NO. 10383 SR. 79	0
0	07	FROM M-10383 SR. 79 TO FIG. 04-01 SR. 11	0
0	09	PHILADELPHIA ELECTRIC CO. S.P.R. 10723	0
		DATE	7/1/90
		INSPECTED	
		APPROVED	FIG:04-01
		REV	0

FIGURE 04-01
 CORE SPRAY LOOP A WELDS

* ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL BEAMS.
 (SEE FIGURE 10-04)

FIG - 04 - 01

SHEET 1

SHEET 1

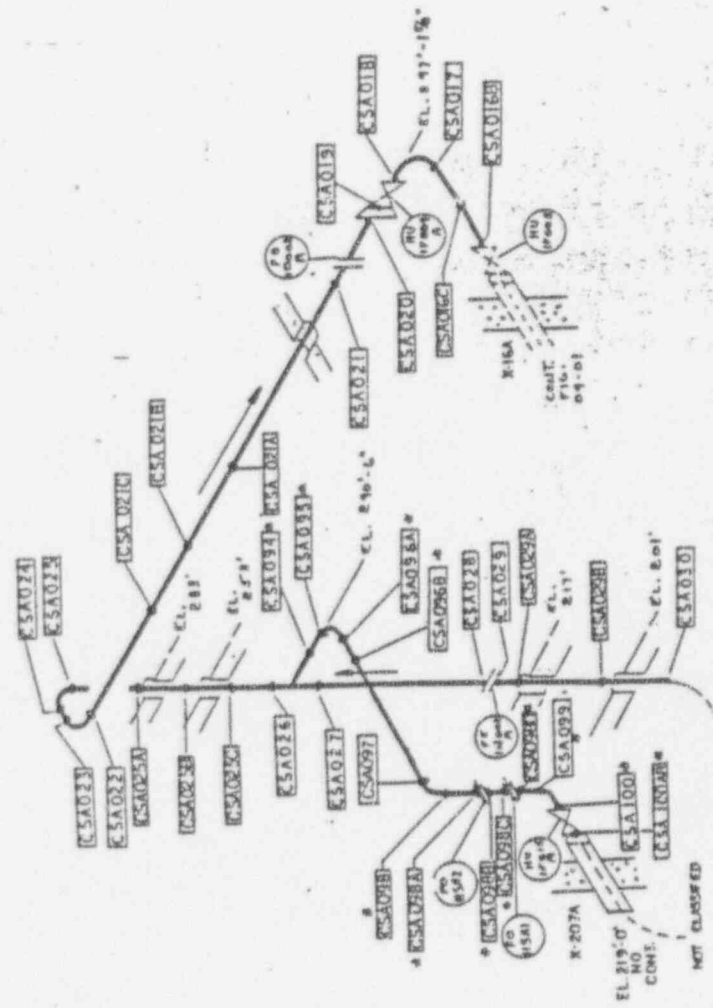
FIG:04-01

SHEET 1 TITLE CHECK

ROUTE 26112



* WALL THICKNESS IS LESS THAN .375 INCHES.



CONT.
FIG.
04-03

SEE SPECIFIC DWGS.
EGB-112-1 Rev. 18
EGB-113-3 Rev. 22
EGB-115-1 Rev. 10
ISI-M-52 SH. 1, Rev. 0

USE LATEST REVISION	
NO.	DESCRIPTION
0	ISSUED FOR ISI PROJECT N. O. 110782235
0	CHG'D. DRAWING NO. 110782235 FROM H-10383 BR. 01 TO FIG. 04-02 BELT
0	DESIGN IGS CHECKED SPIC
0	DATE 7/1/90
APPRO. <i>[Signature]</i>	

ASME SECTION XI	
ISI ISOMETRIC	
CORE SPRAY SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN IGS CHECKED	DATE
SPIC	7/1/90
APPRO. <i>[Signature]</i>	FIG-04-02
REV. 0	0

FIGURE 04-02

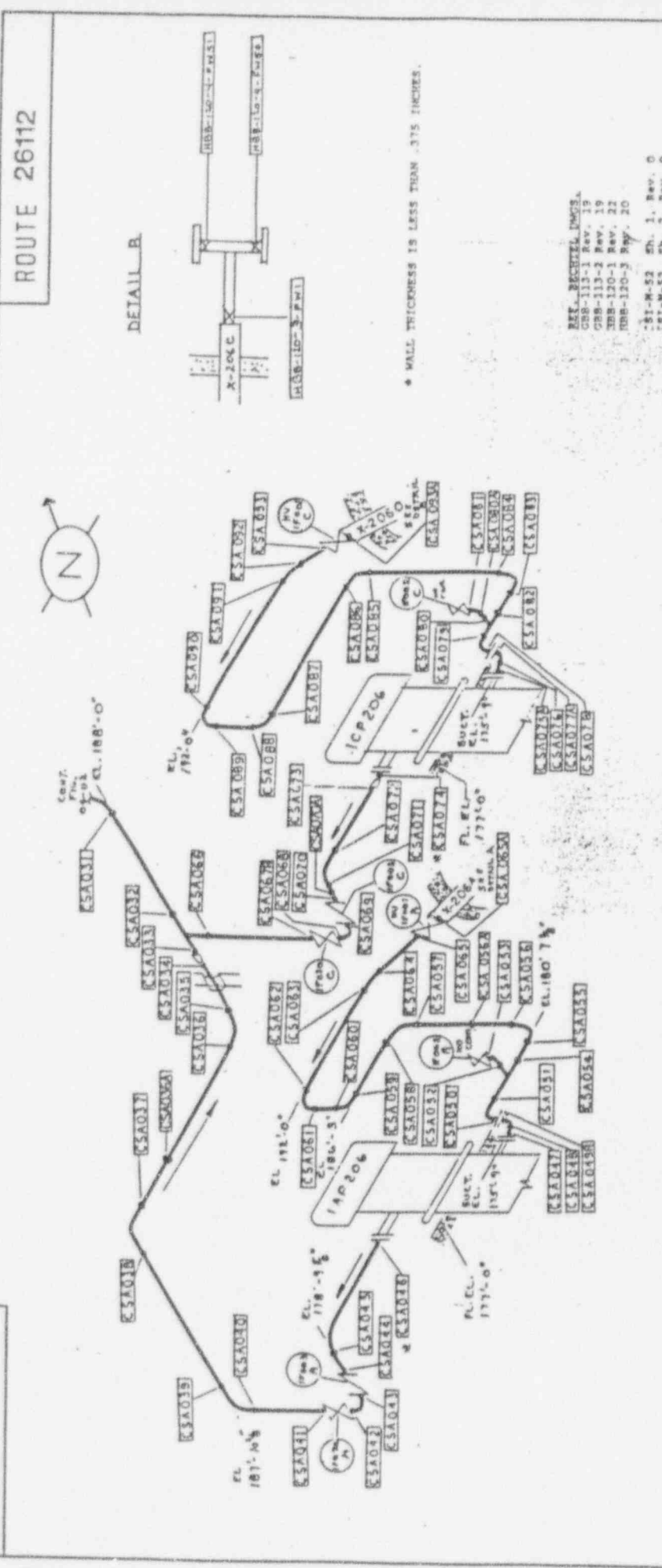
CORE SPRAY LOOP A WELDS

FIG-04-02

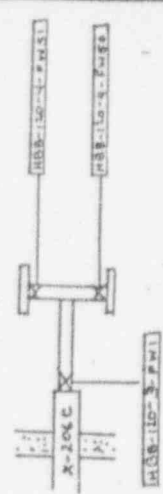
SHEET 1

FIG-04-02

SHEET 1



DETAIL B

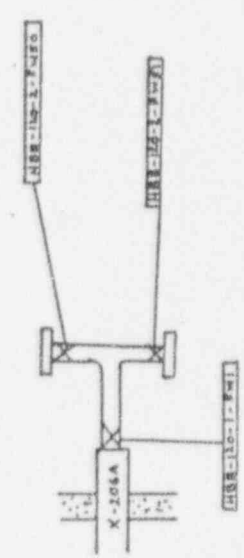


* WALL THICKNESS IS LESS THAN .375 INCHES.

REF. REVELLING
 GB-112-1 Rev. 19
 GB-112-2 Rev. 19
 GB-120-1 Rev. 22
 GB-120-2 Rev. 20

-S1-M-52 SH. 1, REV. 0
 -S1-M-52 SH. 2, REV. 0

DETAIL A



NO.	DATE	DESCRIPTION
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3		ISSUED FOR 101 PROJECT
4		ISSUED FOR 101 PROJECT
5		ISSUED FOR 101 PROJECT
6		ISSUED FOR 101 PROJECT
7		ISSUED FOR 101 PROJECT
8		ISSUED FOR 101 PROJECT
9		ISSUED FOR 101 PROJECT
10		ISSUED FOR 101 PROJECT

ASME SECTION XI	
ISI ISOMETRIC	
CORE SPRAY SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	INSPECTED
DATE	DATE
APPROD.	APPROD.
FIG-04-03	REV. 0

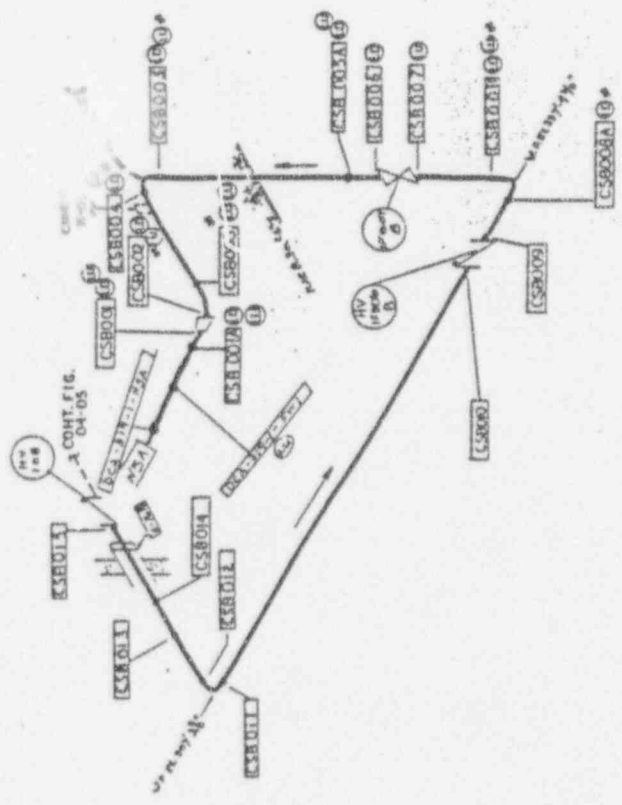
FIGURE 04-03

CORE SPRAY LOOP A WELDS

FIG-04-04

SHEET 1

ROUTE 26112



* ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL SEAMS.
(SEE FIGURE 10-04)

FIGURE 04-04

CORE SPRAY LOOP B WELDS

REF. REVISION DWGS.
DLA-110-1 Rev. 22
DCA-319-1 Rev. 16
181-M-52 SH. 1, Rev. 0

NO.	DATE	USE LATEST REVISION	DESCRIPTION	BY	CHKD.
0	7/1/70		Issued for 1st production 10788700		
05	7/1/70		CH'D. DRAWING NO. 10788700 FROM M-10383 SH. 85 TO FIG. 04-04 SH. 1		
1	7/1/70				
2	7/1/70				

ASME SECTION XI
ISI ISOMETRIC
CORE SPRAY SYSTEM

LIMERICK GENERATING STATION - UNIT 1

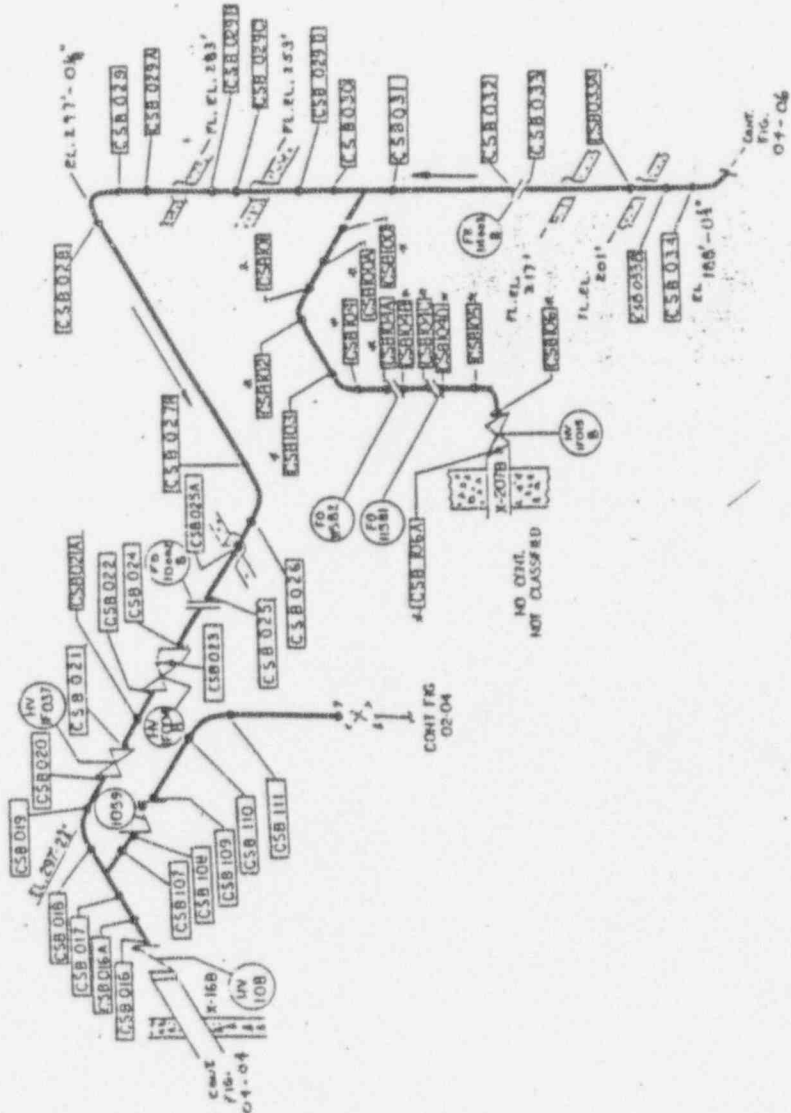
PHILADELPHIA ELECTRIC CO.

DESIGN IGDS CHECKED/INSPECTED DATE
SPK ---/---/70

APPRO. _____

FIG-04-04 0

FIG-04-04 SHEET 10



* WALL THICKNESS IS LESS THAN .375 INCHES.

REF. REVISIONS:
 ESB-111-1 Rev. 25
 CSB-112-3 Rev. 29
 CSB-114-1 Rev. 11
 ISI-M-52 Sh. 1, Rev. 0
 ISI-M-55 Sh. 1, Rev. 0

USE LATEST REVISION		DATE		DESCRIPTION	
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0	7/1	0	7/1	DESIGNED, DRAWING NO. ESB-111-1	DESIGNED, DRAWING NO. ESB-111-1
0	7/1	0	7/1	PHILADELPHIA ELECTRIC CO.	PHILADELPHIA ELECTRIC CO.
0	7/1	0	7/1	DESIGN CHECKED	DESIGN CHECKED
0	7/1	0	7/1	INSPECTED	INSPECTED
0	7/1	0	7/1	DATE	DATE
0	7/1	0	7/1	APPROVED	APPROVED
0	7/1	0	7/1	FIG-04-05	FIG-04-05
0	7/1	0	7/1	TITLE CHECK	TITLE CHECK

ASME SECTION XI
 ISI ISOMETRIC
 CORE SPRAY SYSTEM

FIGURE 04-05

CORE SPRAY LOOP B WELDS

ROUTE 26112



X DENOTES WELDER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF FIP:ING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

SEE REVISIONS PAGE
DCA-320-1 Rev. 13
181-N-52 4th. 1. Rev. 0

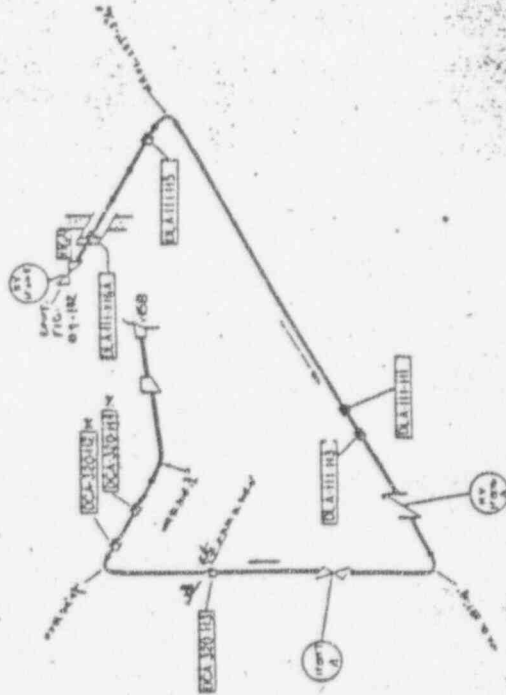


FIG-04-101

SHEET 1

FIG-04-101 SHEET 1

FIG-04-101 SHEET 1

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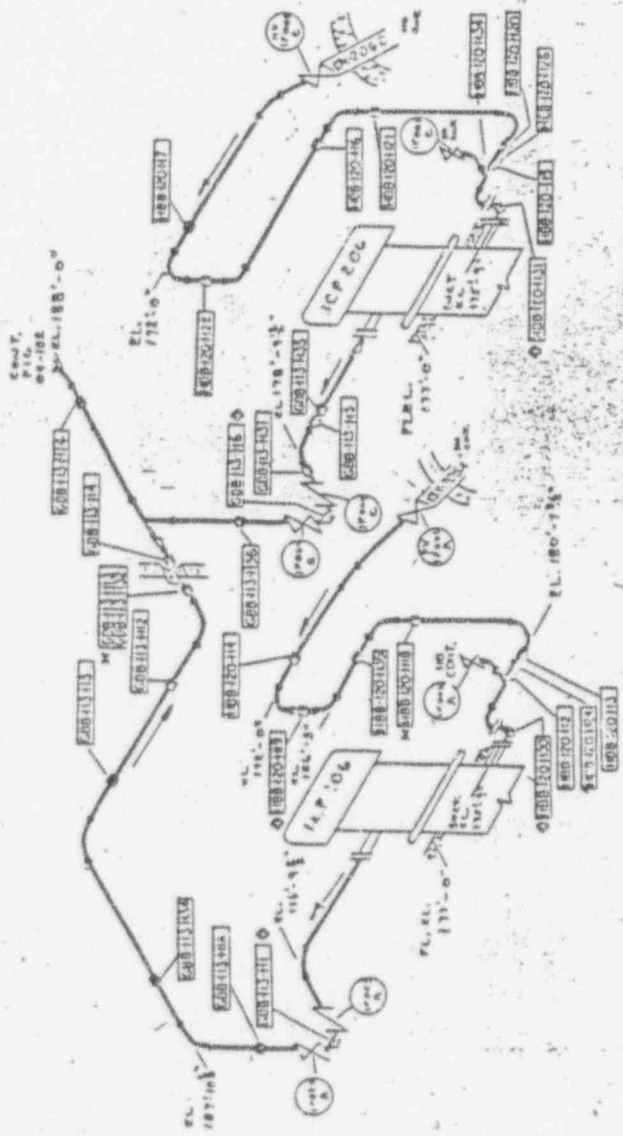
FIGURE 04-101
CORE SPRAY LOOP A SUPPORTS

ASME SECTION XI
1ST ISOMETRIC
CORE SPRAY SYSTEM

LIMERIC GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.
DESIGN 1605
DATE 7/1/72
SOK
APPD
REV
FIG-04-101
0

SHEET 1 TITLE CHECKE

ROUTE 26112



◇ DENOTES WELDED HANGERS

SEE SPECIFICATIONS
 CRB-112-1 REV. 18
 CRB-112-2 REV. 18
 CRB-112-3 REV. 22
 CRB-112-4 REV. 22
 CRB-112-5 REV. 20
 I&P-M-52 SH. 3, Rev. 0
 I&P-M-52 SH. 3, Rev. 0

◇ DENOTES HANGERS CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

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192	CRD'D. DRAWING NO. 192	192
193	CRD'D. DRAWING NO. 193	193
194	CRD'D. DRAWING NO. 194	194
195	CRD'D. DRAWING NO. 195	195
196	CRD'D. DRAWING NO. 196	196
197	CRD'D. DRAWING NO. 197	197
198	CRD'D. DRAWING NO. 198	198
199	CRD'D. DRAWING NO. 199	199
200	CRD'D. DRAWING NO. 200	200

ASME SECTION XI
UNIFORM CODE ISOMETRIC
CORE SPRAY SYSTEM

LIWERICK GENERATING STATION - UNIT 1
PHILADELPHIA ELECTRIC CO.

DESIGN 1005 CHECKED DATE
SPK 10/10/58

FIG-04-103

APPD. 10/10/58

FIG-04-103

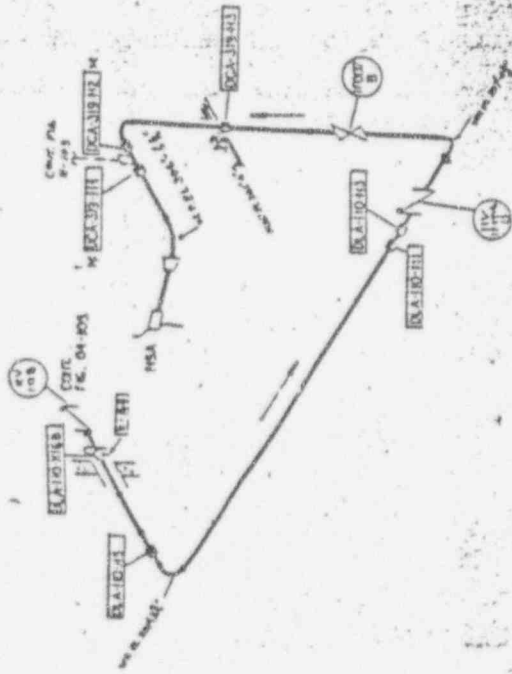
FIG-04-103
SHEET 1

FIG-04-103
SHEET 1

ROUTE 26112



X DENOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)



SEE SPECIFICATIONS
DCA-110-1 Rev. 22
DCA-319-1 Rev. 14
DCA-319-1 Rev. 14

USE LATEST REVISION		ASME SECTION XI	
NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR DESIGN		
2	DESIGN FOR INSPECTION		
3	DESIGN FOR INSPECTION		
4	DESIGN FOR INSPECTION		
5	DESIGN FOR INSPECTION		
6	DESIGN FOR INSPECTION		
7	DESIGN FOR INSPECTION		
8	DESIGN FOR INSPECTION		
9	DESIGN FOR INSPECTION		
10	DESIGN FOR INSPECTION		

DESIGN NO. 21701
REV. 04-104
REV. 11-11-60

FIGURE 04-104

CORE SPRAY LOOP B SUPPORTS

DESIGNER	PHILADELPHIA ELECTRIC CO.
CHECKED	PHILADELPHIA ELECTRIC CO.
DATE	7/1/60
APP'D.	FIG-04-104
APP'D.	0

SHEET 1

FIG-04-104
SHEET 1

FIG-04-104
SHEET 1



REF. GEOMETRICAL DWGS.
 DLA 107-1 REV. 12
 DLA 107-1 REV. 16
 J.SI-M-4, SH. 162, REV. 0

* WELD NOS PREFIXED WITH DLA-107-1

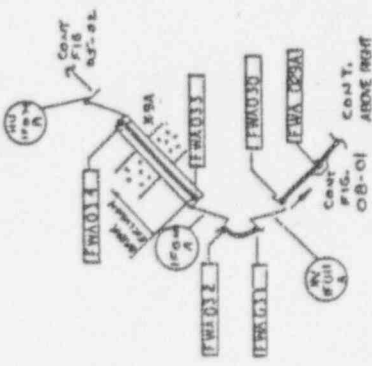
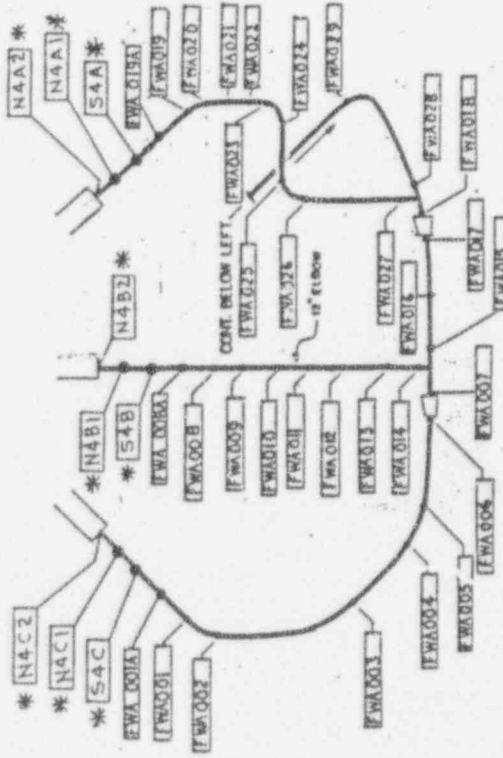


FIGURE 05-01

FEEDWATER LOOP A WELDS

DATE	0	USE LATEST REVISION	2
DESCRIPTION	ASME SECTION XI ISI ISOMETRIC FEEDWATER SYSTEM		
DESIGNED FOR 1ST REVISION			
DESIGN NO.	110788153		
DESIGNED BY	J.SI-M-4		
CHECK'D. DRAWING NO.	110788153		
PICK H-10883 BR. 94			
TO FIG. 05-01 SHEET			
DATE	7/1/70		
DESIGN INSPECTED	SPK		
DATE	7/1/70		
APPROVED	J.SI-M-4		
FIG NO	FIG-05-01		
REV	0		

ROUTE 26112



REF. BECHTEL DWG.
 DBB-103-1 REV. 14
 151-14-17, SH. 1.2, REV. 0
 151-M-55 REV. 1

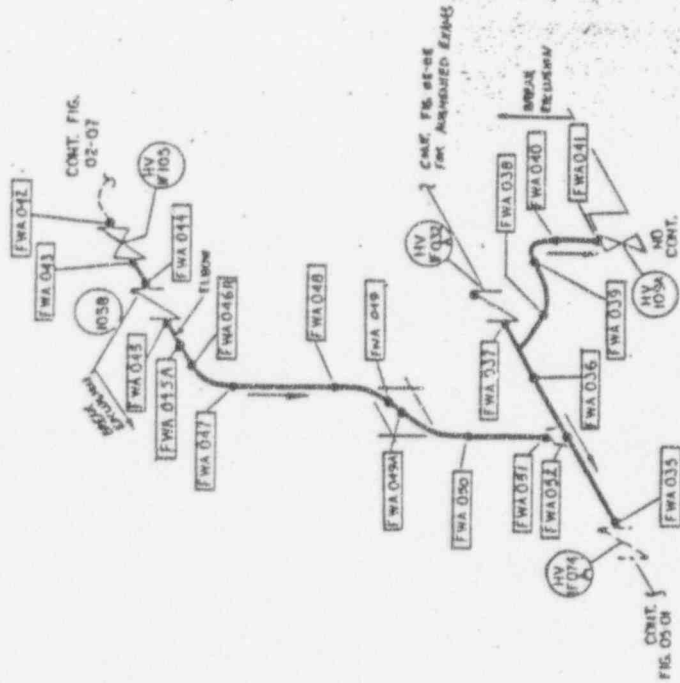


FIGURE 05-02
 FEEDWATER LOOP A WELDS

USE LATEST REVISION	
NO.	DESCRIPTION
0	ISSUED FOR ISL ENCLAVE W.O. 1107881215
05	ISS'D. EXEMPTING NO. 1 FROM 14-10383 SRI. 96
07	TO FIG. 05-02 SRI. 1
08	

ASME SECTION XI
 ISI ISOMETRIC
 FEEDWATER SYSTEM
 LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGN I GOS CHECKED DATE
 5PK 7/1/90
 APPRO. ash/h FIG-05-02
 RCV 0

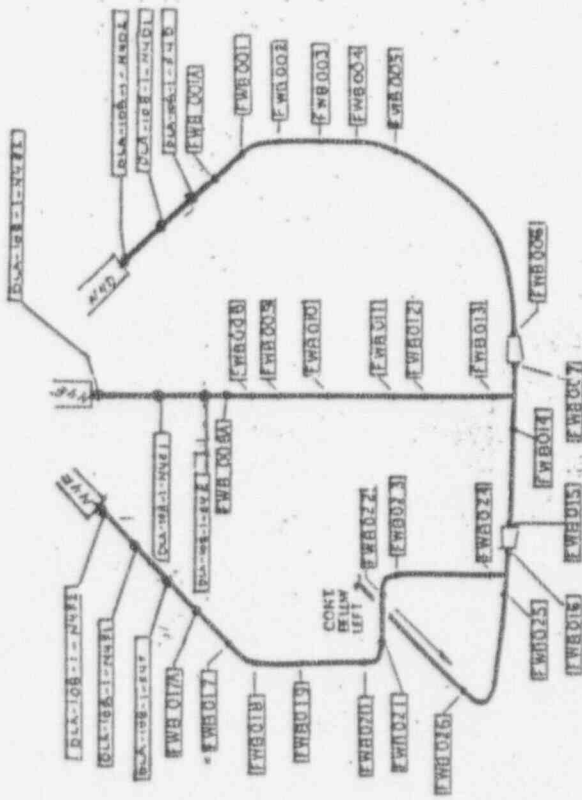
FIG-05-02

SHEET 1

SHEET 1

FIG-05-02

SHEET 1 OF 1 CHECKED



REF. RECENT DWGS.
 DLA-108-1 REV 12
 DLA-108-1 REV 22
 ISI-MAY, SH. 1 & 2, REV. 0

* WELD NO'S PREFIXED BY "DLA-108-1".

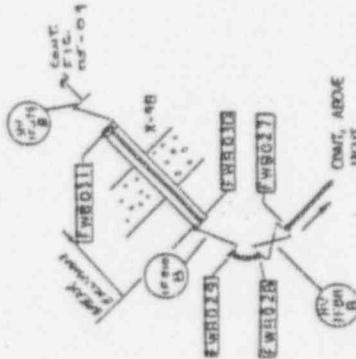
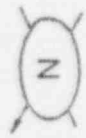
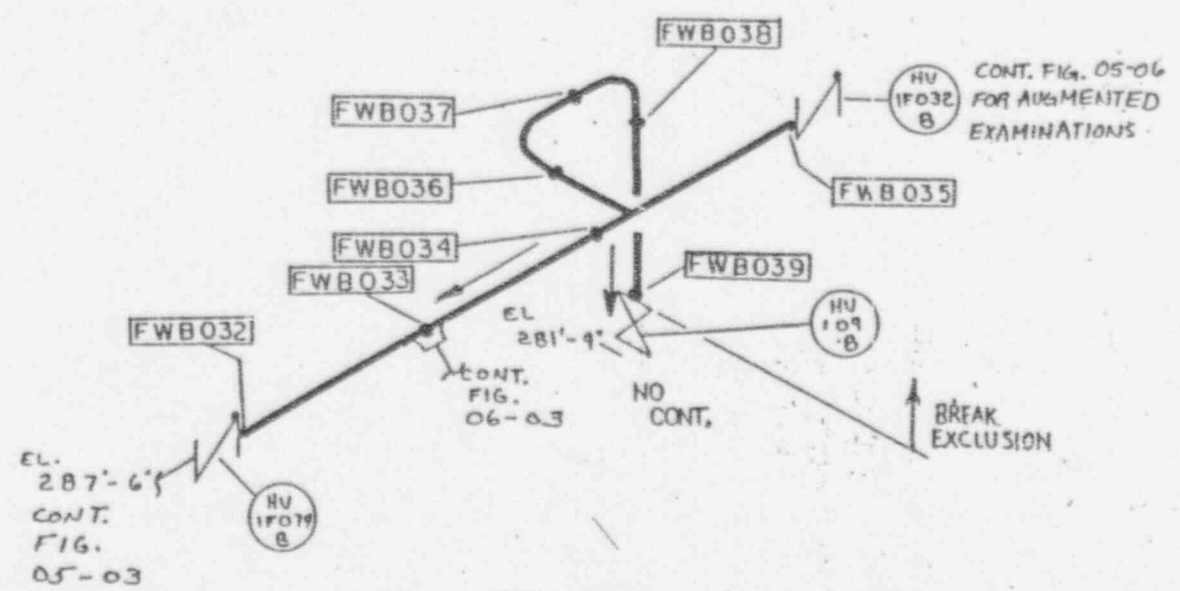
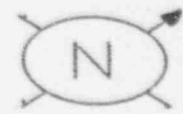


FIGURE 05-03

FEDWATER LOOP B WELDS

USE LATEST REVISION	
NO	DESCRIPTION
0	ISSUED FOR ISI PROVISIONS
1	REVISED FOR 10/19/93
2	REVISED FOR 10/19/93
3	REVISED FOR 10/19/93
4	REVISED FOR 10/19/93
5	REVISED FOR 10/19/93
6	REVISED FOR 10/19/93
7	REVISED FOR 10/19/93
8	REVISED FOR 10/19/93
9	REVISED FOR 10/19/93

ASME SECTION XI	
ISI ISOMETRIC	
FEEDWATER SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
SPK	7/1/90
APPRO.	FIG-05-03
REV.	0



REF. BECHTEL DWG.
 DBB 109-7 REV.11
 151-17-VI, SH.1 & 2, REV.0

FIGURE 05-04
 FEEDWATER LOOP B WELDS

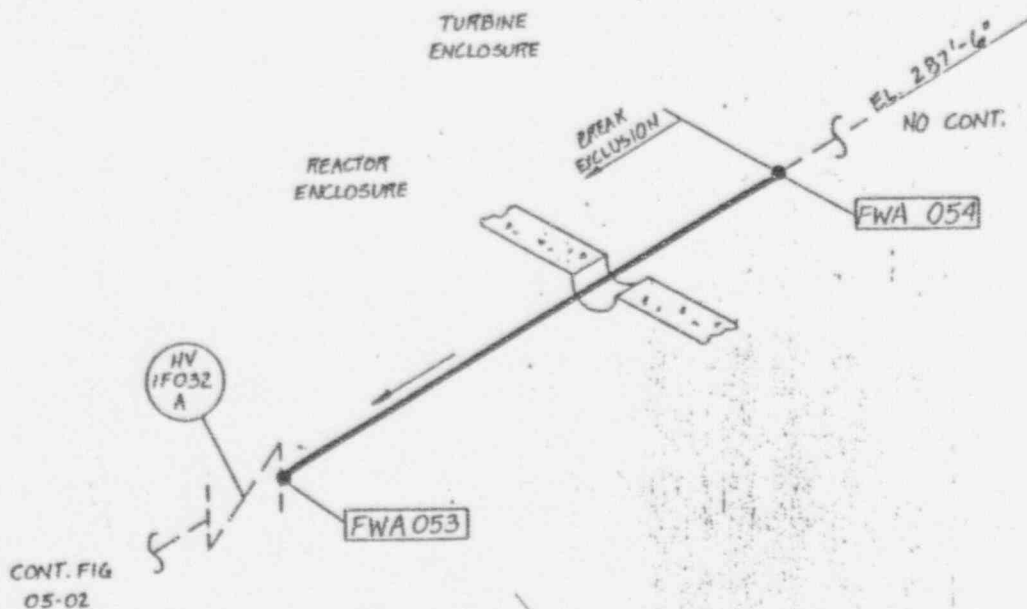
FIG-05-04 SHEET 7

0		1		2	
USE LATEST REVISION					
NO.	DATE	DESCRIPTION	DES.	CHKD.	INSP.
0	7/1/72	ISSUED FOR ISI PROGRAM N.O. 229948019 REV. 1107882435			
0	5/7/73	CHG'D. DRAWING NO. FROM N-10383 SH.100 TO FIG. 05-04 SH.1			
TT					
ASME SECTION XI					
ISI ISOMETRIC FEEDWATER SYSTEM					
LIMERICK GENERATING STATION - UNIT 1					
PHILADELPHIA ELECTRIC CO.					
DESIGN		IGDS CHECKED		INSPECTED	
DATE		DATE		DATE	
SPK		ACT		7/1/72	
APPROD.				REV.	
APPROD. N/A				FIG-05-04 0	

SHEET 7

FIG-05-05

ROUTE 26112



REF BECHTEL DWG.
 DSD-103-1 REV. 9
 ISI-M-41, SH. 1&2, REV. 0

FIGURE 05-05
 FEEDWATER LOOP A WELDS

USE LATEST REVISION				ASME SECTION XI			
				ISI ISOMETRIC FEEDWATER SYSTEM			
				LIMERICK GENERATING STATION - UNIT 1			
				PHILADELPHIA ELECTRIC CO.			
NO.	DATE	DESCRIPTION	CHK'D	INSP'D	DATE		
0	7/28	ISSUED FOR ISI PROGRAM W.O. 2177880049 REV. 1107881433					
0	5/7/75	CHK'D. DRAWING NO FROM M-10383 SH. 102 TO FIG. 05-05 SH. 1	TT				
				DESIGN	IGDS	CHECKED	INSPECTED
				JPK	-	RCB	-
				DATE		7/1/75	
				APPRO.	FIG-05-05		REV. 0
				APPRO.	[Signature]		

SHEET 7/8

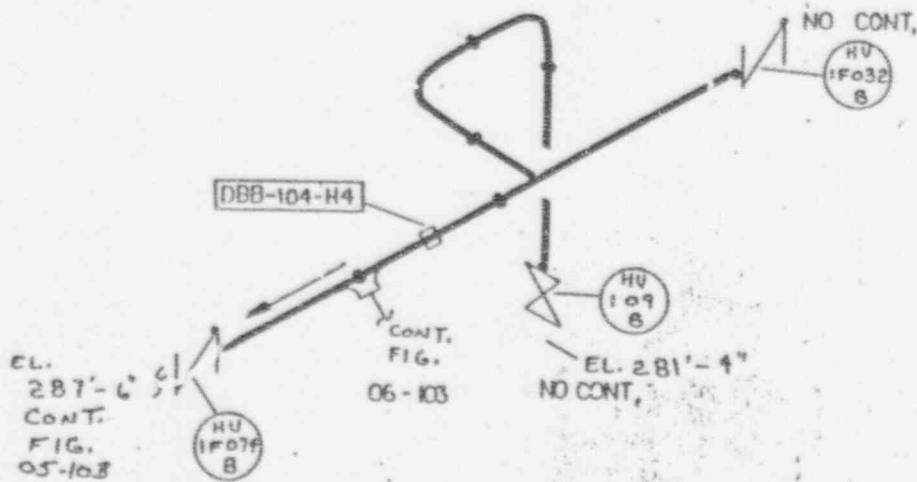
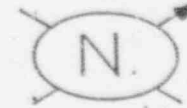
FIG-05-05

SHEET 7 TITLE CHECK

SHEET ✓

FIG-05-104

ROUTE 26112



REF. BECHTEL DWG.
 DBB 104-1 REV.11
 ISI-M-11, SH. 1 & 2, REV. 0

FIGURE 05-104
 FEEDWATER LOOP B SUPPORTS

0		1		2		ASME SECTION XI				
USE LATEST REVISION						ISI ISOMETRIC FEEDWATER SYSTEM				
NO.	DATE	DESCRIPTION	DESIGN	CHECKED	INSPECTED	LIMERICK GENERATING STATION - UNIT 1				
0	7/71	ISSUED FOR ISI PROGRAM	13076122			PHILADELPHIA ELECTRIC CO.				
0	7/73	CHG'D. DRAWING NO. FROM M-10383 SH. 101 TO FIG. 05-104 SH. 1	13076122			DESIGN	IGDS	CHECKED	INSPECTED	DATE
						PKR		XCZ		7/1/70
APPRO.						FIG-05-104		REV		0

SHEET /W

FIG-05-104

SHEET / WLL CHECK

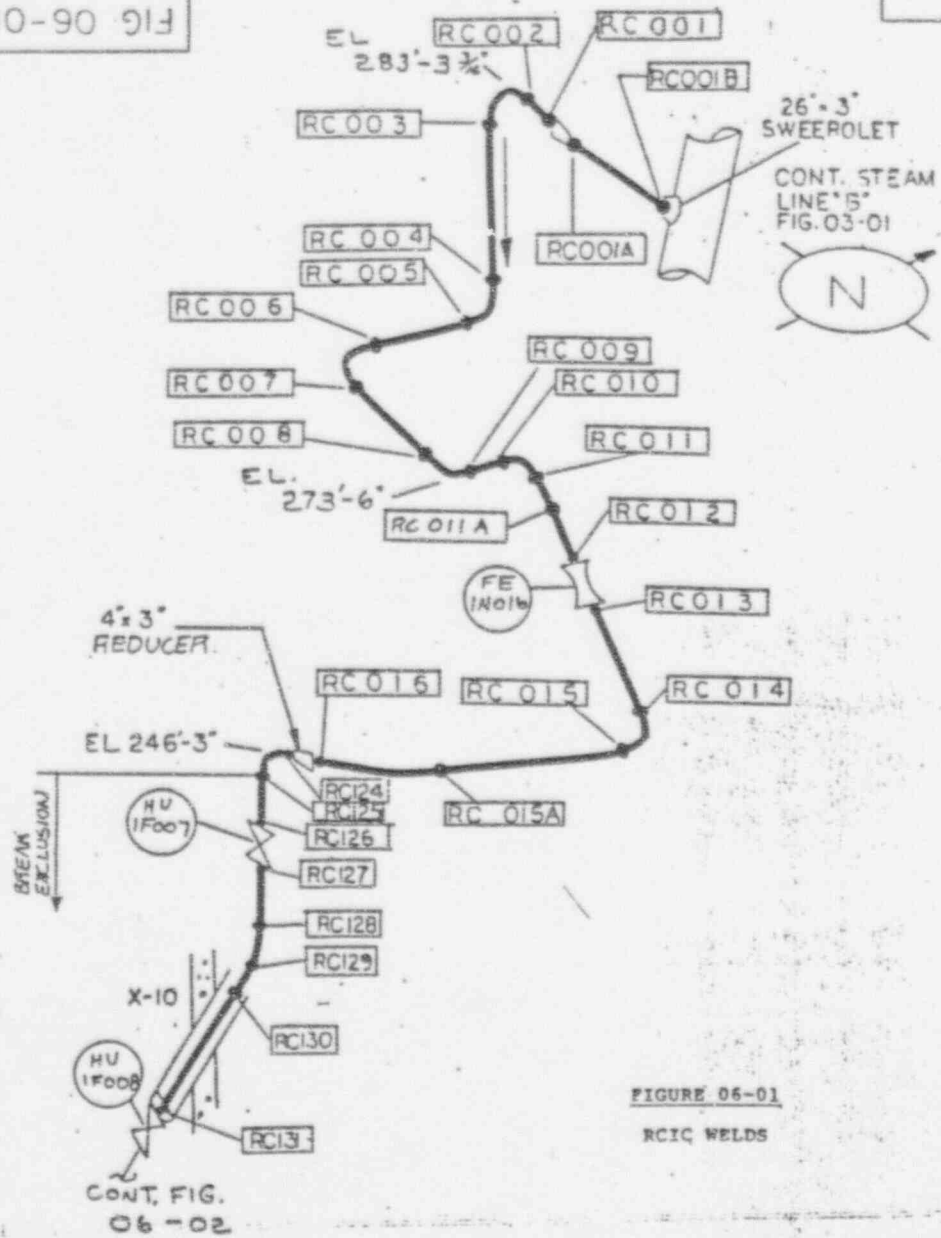


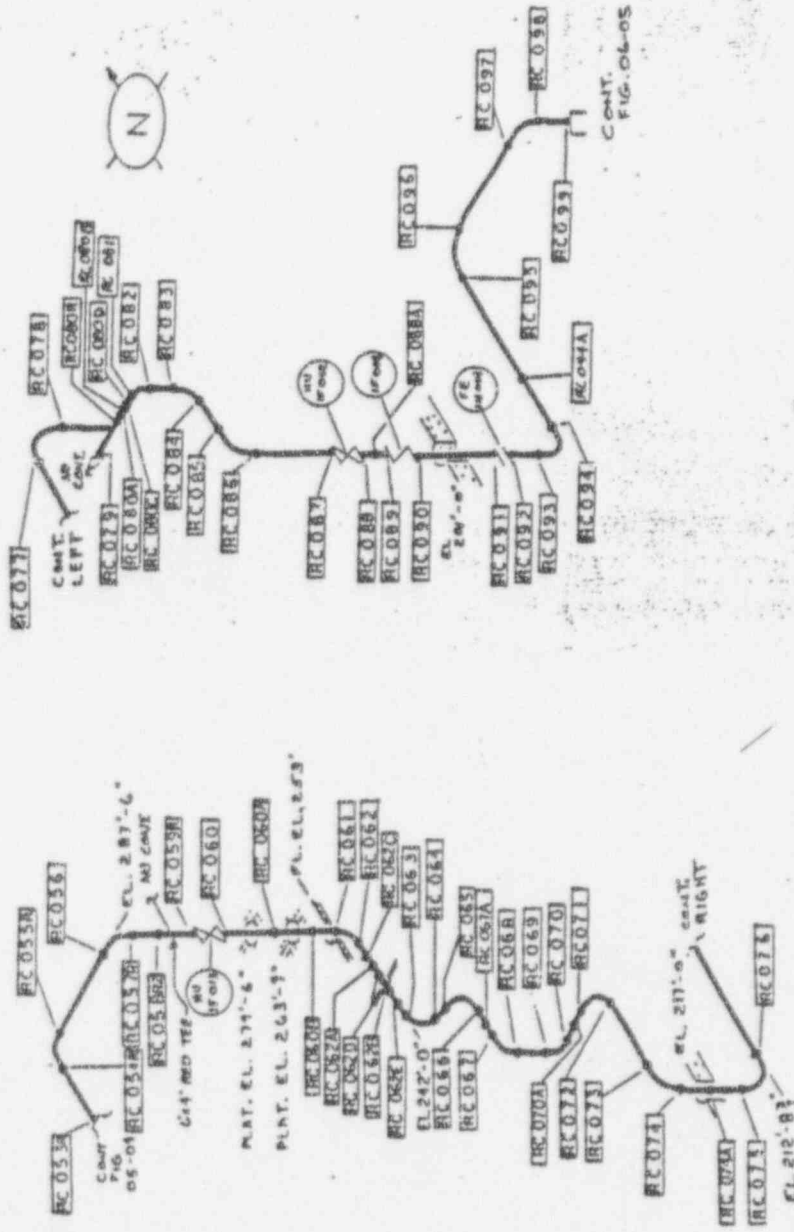
FIGURE 06-01
RCIC WELDS

REF. BECHTEL DWGS.
DBA-107-1 Rev. 27
ISI-M-49 Sh. 1, Rev. 0
ISI-M-41 Sh. 2, Rev. 0

0		1		2	
USE LATEST REVISION					
NO.	DATE	DESCRIPTION	BY	CHKD.	APP'D.
0		ISSUED FOR ISI DRAWING			
0	5/1/70	CHG'D. DRAWING NO. FROM M-10383 SH. 104 TO FIG. 06-01 SH. 1	TT		

ASME SECTION XI					
ISI ISOMETRIC RCIC SYSTEM					
LIMERICK GENERATING STATION - UNIT 1					
PHILADELPHIA ELECTRIC CO.					
DESIGN	IGOS	CHECKED	INSPECTED	DATE	REV.
645		JCB		7/1/70	0
APPRO. <i>[Signature]</i>					FIG-06-01

FIG. 06-01 SHEET 7



REF. BECHTEL DWGS.
 DBB-101-1 Rev. 19
 EBB-135-1 Rev. 22
 EBB-120-1 Rev. 16
 ISI-M-49 Sh. 1, Rev. 0

CONT. FIG. 06-05

FIGURE 06-03
 RCIC WELDS

USE LATEST REVISION		NO.	DESCRIPTION	DATE
0	ISSUED FOR 181 PROJECT	0		
1	ISSUED FOR 181 PROJECT	1		
2	ISSUED FOR 181 PROJECT	2		
3	ISSUED FOR 181 PROJECT	3		
4	ISSUED FOR 181 PROJECT	4		
5	ISSUED FOR 181 PROJECT	5		
6	ISSUED FOR 181 PROJECT	6		
7	ISSUED FOR 181 PROJECT	7		
8	ISSUED FOR 181 PROJECT	8		
9	ISSUED FOR 181 PROJECT	9		

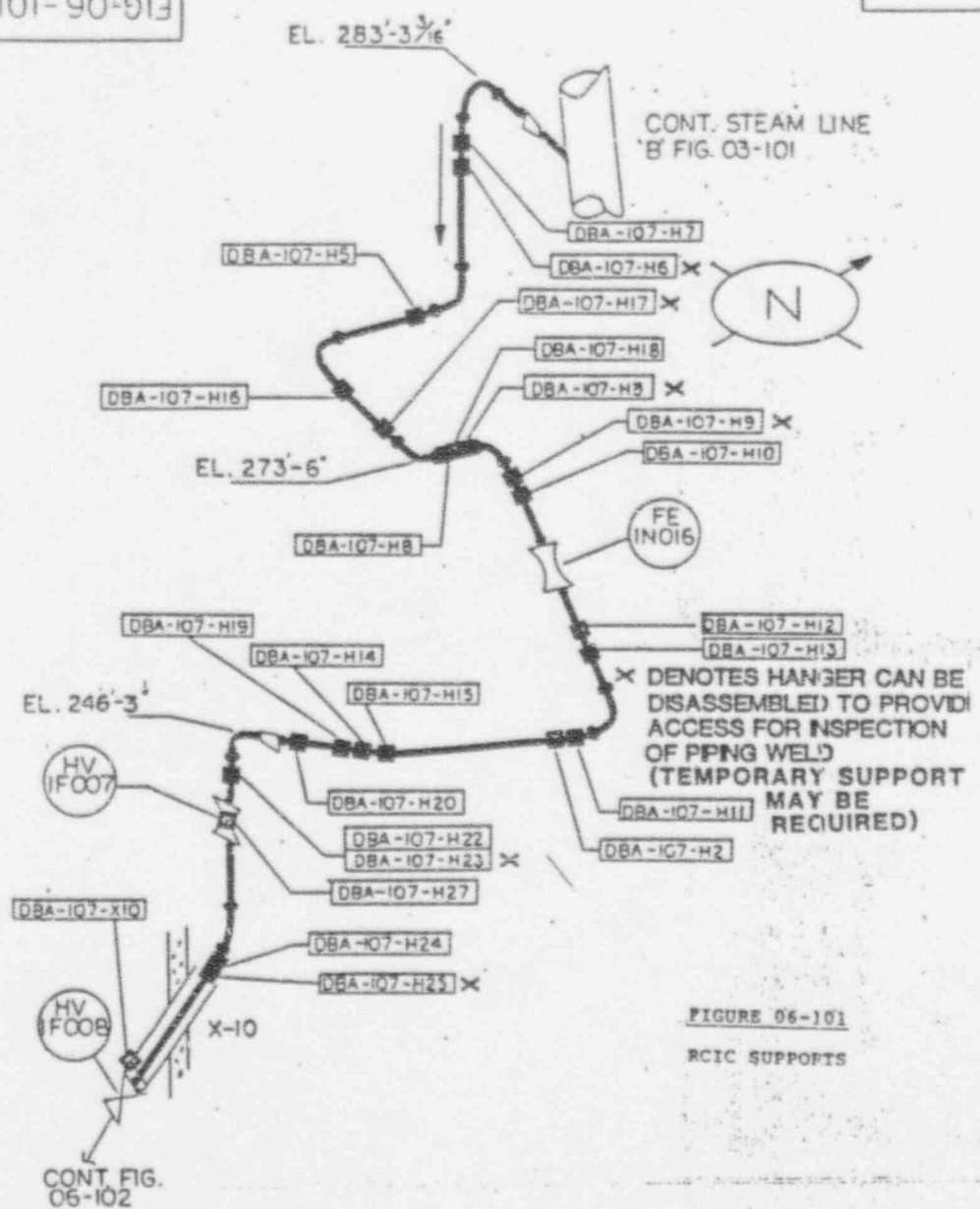
DESIGN	1003	CHECKED	INSPECTED	DATE
GLT	---	---	---	7/1/50
APPRO.	---	---	---	---
FIG-06-03	REV.	0		

ASME SECTION XI
 ISI ISOMETRIC
 RCIC SYSTEM

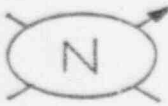
LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGN 1003 CHECKED INSPECTED DATE
 GLT --- --- 7/1/50
 APPRO. --- --- ---

FIG-06-101

ROUTE 26112



CONT. STEAM LINE
OF FIG. 03-101



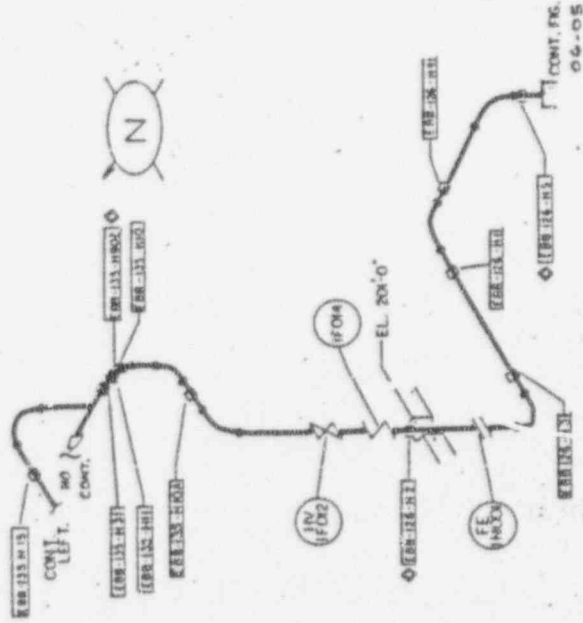
X DENOTES HANGER CAN BE
DISASSEMBLED TO PROVIDE
ACCESS FOR INSPECTION
OF PIPING WELDS
(TEMPORARY SUPPORT
MAY BE
REQUIRED)

FIGURE 06-101
RCIC SUPPORTS

REF. BECHTEL DWGS.
DBA-107-1, Rev. 27
ISI-M-49 Sh. 1, Rev. 0
ISI-M-41 Sh. 2, Rev. 0
REF. GE DWGS.
761E719 REV. 4

0		1		2		ASME SECTION XI				
USE LATEST REVISION						ISI ISOMETRIC RCIC SYSTEM				
NO.	DATE	DESCRIPTION	BY	CHKD	APP'D	LIMERICK GENERATING STATION - UNIT 1				
0	7/79	ISSUED FOR ISI PROGRAM				PHILADELPHIA ELECTRIC CO.				
0	5/79	CHG'D. DRAWING NO. FROM M-10383 SH. 105 TO FIG. 06-101 SH. 1				DESIGN	IGDS	CHECKED	INSPECTED	DATE
						6LS		ECB		7/1/90
APPRO. <i>[Signature]</i>						FIG-06-101				
APPRO. <i>[Signature]</i>						REV. 0				

SHEET 1 OF 2



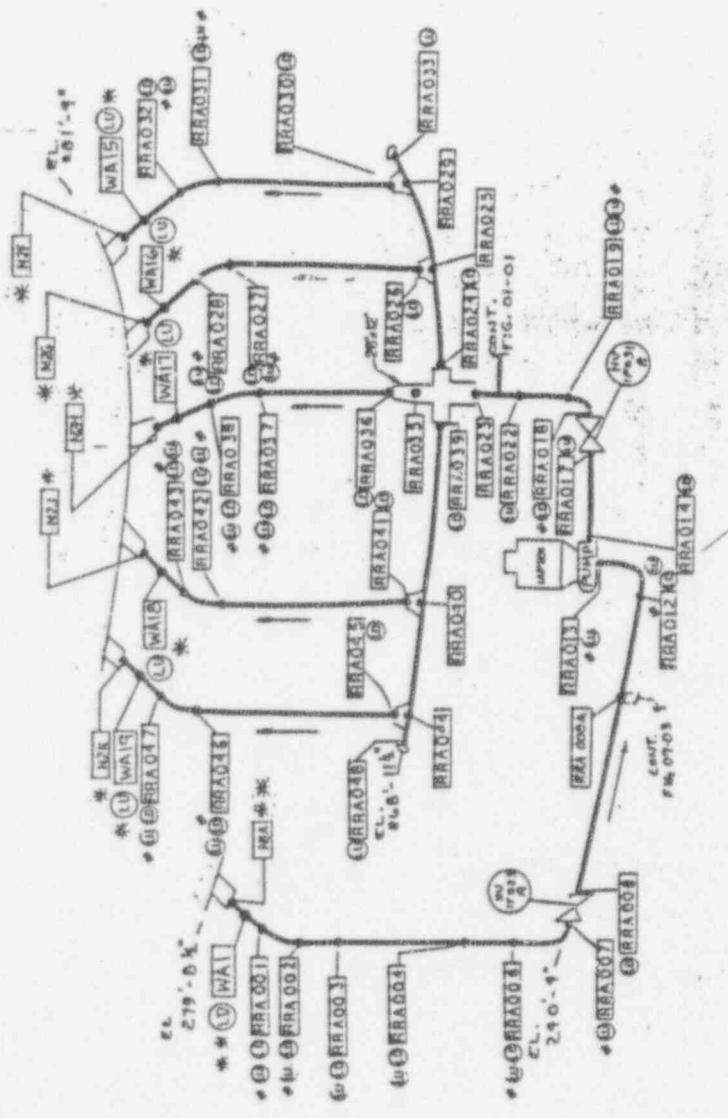
⊙ DENOTES WELDED SUPPORT
 * DENOTES HANGERS CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PRING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

REF. BECHTEL DWGS.
 DBB-101-1 Rev. 15
 EBB-135-1 Rev. 22
 EBB-126-1 Rev. 16
 ISI-M-49 Sh. 1, Rev. 0

USE LATEST REVISION		ASME SECTION XI	
NO.	DATE	DESCRIPTION	RCIC SYSTEM
0	7/1/92	DESIGNED FOR ISI PROJECT PROJECT NO. 131527001	ISI ISOMETRIC
0	5/1/92	CHG'D. DRAWING NO. FROM M-10303 REL.109 TO FIG. 06-103 REL.1	PHILADELPHIA ELECTRIC CO.
0	7/1/92	WC	LIMERICK GENERATING STATION - UNIT
0	7/1/92	APPRO. <i>[Signature]</i>	DESIGN CHECKED/INSPECTED DATE
0	7/1/92	APPRO. <i>[Signature]</i>	FIG-06-103 REV

FIGURE 06-103

RCIC SUPPORTS



REF. BECHTEL DWGS.
 B031-M-1-B32-G001-C-13.2
 B031-M-1-B32-G001-C-14.2
 B031-M-1-B32-G001-C-15.2

101-M-42, SHT. 13 &, REV. 0

ELBOWS HAVE MINIMUM AND MAXIMUM LONGITUDINAL BEAMS. (SEE FIG. 10-04.)

** WELD NO'S PREFIXED WITH VRR-1RD-1A
 ** WELD NO'S PREFIXED WITH VRR-1RS-1A

FIGURE 07-01
 REACTOR RECIRCULATION LOOP A WELDS

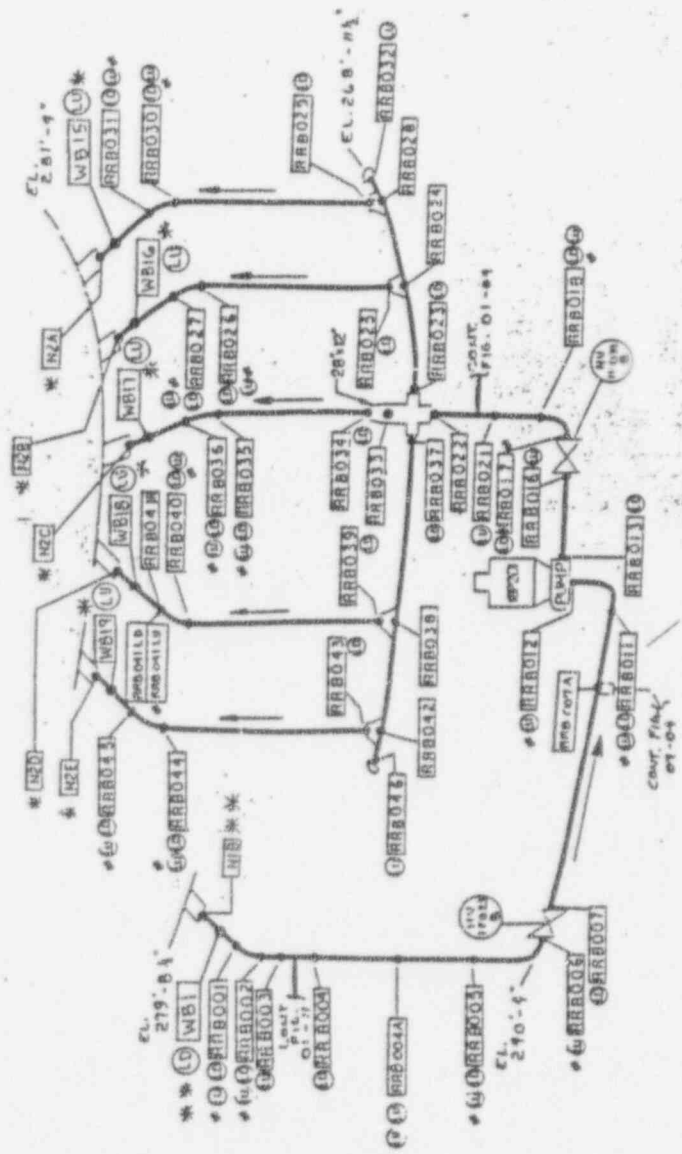
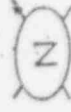
USE LATEST REVISION	
DATE	DESCRIPTION
0	ISSUED FOR THE PROGRAM
1	DESIGN CHANGES
2	DESIGN CHANGES
3	DESIGN CHANGES
4	DESIGN CHANGES
5	DESIGN CHANGES
6	DESIGN CHANGES
7	DESIGN CHANGES
8	DESIGN CHANGES
9	DESIGN CHANGES
10	DESIGN CHANGES
11	DESIGN CHANGES
12	DESIGN CHANGES
13	DESIGN CHANGES
14	DESIGN CHANGES
15	DESIGN CHANGES
16	DESIGN CHANGES
17	DESIGN CHANGES
18	DESIGN CHANGES
19	DESIGN CHANGES
20	DESIGN CHANGES

ASME SECTION XI
 ISI ISOMETRIC
 REACTOR RECIRC SYSTEM
 PHILADELPHIA ELECTRIC CO.
 DESIGNER: J.G.S. CHECKED: J.S. DATE: 7/1/40
 APPROVED: W.C. REV: 0
 FIG-07-01

FIG-07-02

SHEET 1

ROUTE 26112



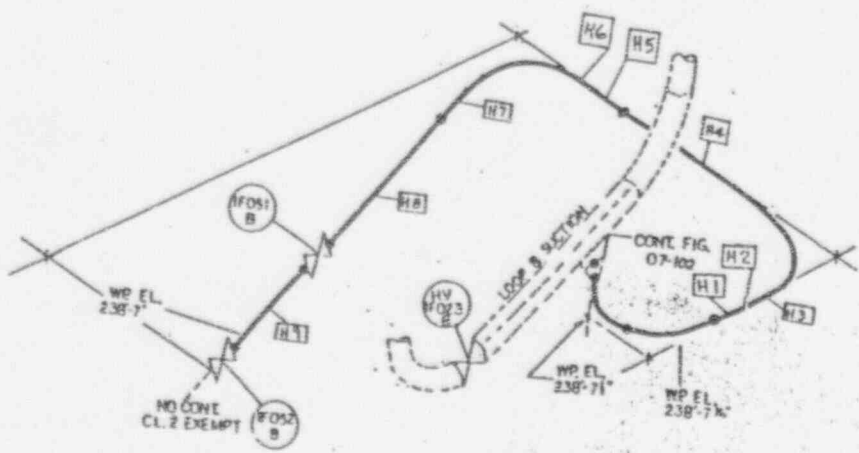
REF BECHTEL DWGS.
 B031-M-1-B32-G001-C-13.2
 B031-M-1-B32-G001-C-14.2
 B031-M-1-B32-G001-C-15.2
 331-M-19, SHT. 1 & 2, REV. 0

* ELBOWS HAVE MINOR AND MAJOR LONGITUDINAL BEAMS. (SEE FIG. 10-04)
 * WELD NO'S PREFIXED WITH VRR-1RD-1B
 * WELD NO'S PREFIXED WITH VRR-1RS-1B

USE LATEST REVISION		ASME SECTION XI	
DATE	DESCRIPTION	REVISION	BY
07/07/00	ISSUED FOR 181 PROCEEDING	1	WVC
07/07/00	DESIGN CHG. FROM 181 TO 182	2	WVC
07/07/00	DESIGN CHG. FROM 182 TO 183	3	WVC
07/07/00	DESIGN CHG. FROM 183 TO 184	4	WVC
07/07/00	DESIGN CHG. FROM 184 TO 185	5	WVC

DESIGNED BY	ISI ISOMETRIC
CHECKED BY	REACTOR RECIRC SYSTEM
DATE	7/11/00
PROJECT	PHILADELPHIA ELECTRIC CO.
UNIT	LI MERICK GENERATING STATION - UNIT 1
APP'D.	WVC
FIG NO.	FIG-07-02
REV.	0

FIGURE 07-02
 REACTOR RECIRCULATION LOOP B WELDS



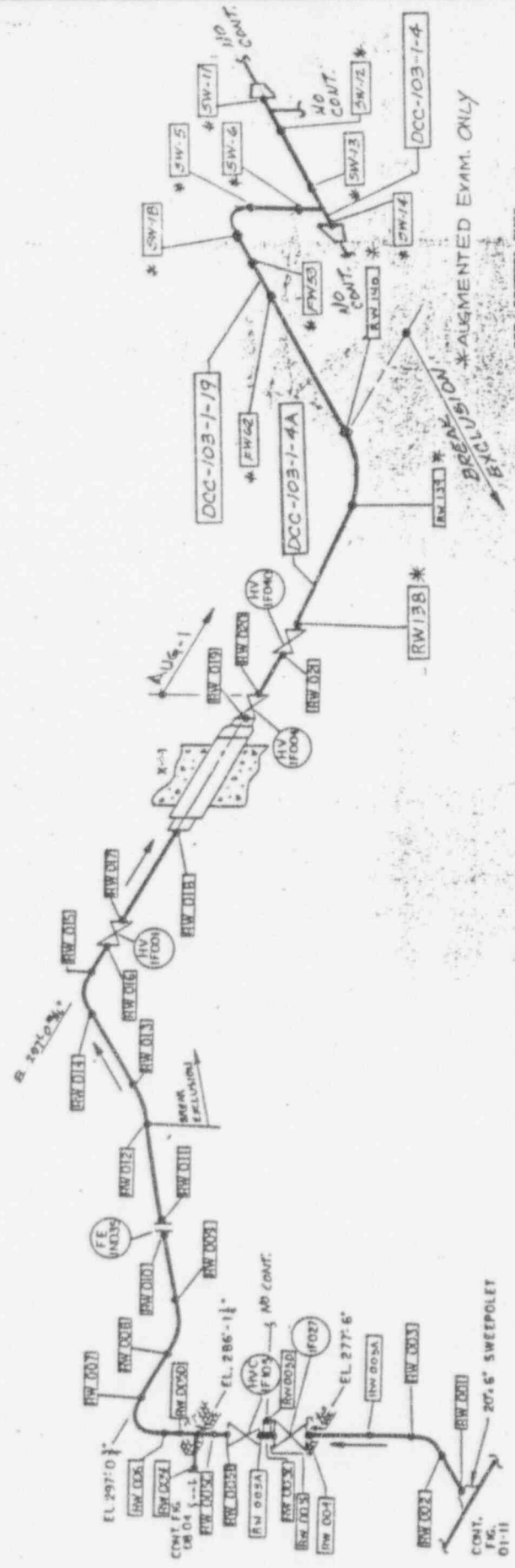
SEE BECHTEL DWGS.
 SP-DC-185-E1, SHT. 1 & 2, REV. 10
 M-43, SHT. 1 & 2, REV. 0

FIGURE 07-10a
 REACTOR RECIRCULATION SUPPORTS

FIG-07-104 SHEET 1

0		1		2	
USE LATEST REVISION					
NO.	DATE	DESCRIPTION	DES.	CHKD.	INSP.
1	5/1/83	ISSUED FOR ISI PROGRAM W.O. 817788007 REV. 110787488			
2		CHK'D. DRAWING NO. FROM M-10383 SH. 118 TO FIG. 07-104 SH. 1 WC			
ASME SECTION XI					
ISI ISOMETRIC REACTOR RECIRC SYSTEM					
LIMERICK GENERATING STATION - UNIT 1 PHILADELPHIA ELECTRIC CO.					
DESIGN	IGDS	CHECKED	INSPECTED	DATE	
GLS		ACB		7/1/80	
APPRO.					REV.
APPRO. <i>[Signature]</i>					0
FIG-07-104					

PHILADELPHIA ELECTRIC CO.



REV. RECHIEL DWGS.
 DCA-101-1 Rev. 23
 DCA-102-1 Rev. 8
 DCC-103-1 Rev. 15
 ISI-M-83 Sh. 1, Rev. 0
 ISI-M-84 Sh. 1, Rev. 0

HOTEL FIRING IS SHOWN AS MIRROR IMAGE.
 (SEE ORIENTATION ARROW ABOVE.)

NO.	DATE	DESCRIPTION	BY	CHKD
1	7/1/80	ISSUED FOR ISI PRODUCTIONS	W.P.	W.P.
2	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
3	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
4	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
5	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
6	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
7	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.

FIGURE 08-02
 RWCU WELDS
 ISI & AUG 1

NO.	DATE	DESCRIPTION	BY	CHKD
1	7/1/80	ISSUED FOR ISI PRODUCTIONS	W.P.	W.P.
2	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
3	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
4	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
5	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
6	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
7	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.

NO.	DATE	DESCRIPTION	BY	CHKD
1	7/1/80	ISSUED FOR ISI PRODUCTIONS	W.P.	W.P.
2	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
3	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
4	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
5	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
6	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.
7	7/1/80	REVISED FOR ISI PRODUCTIONS	W.P.	W.P.

ASME SECTION XI
 ISI ISOMETRIC
 RWCU SYSTEM

LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.

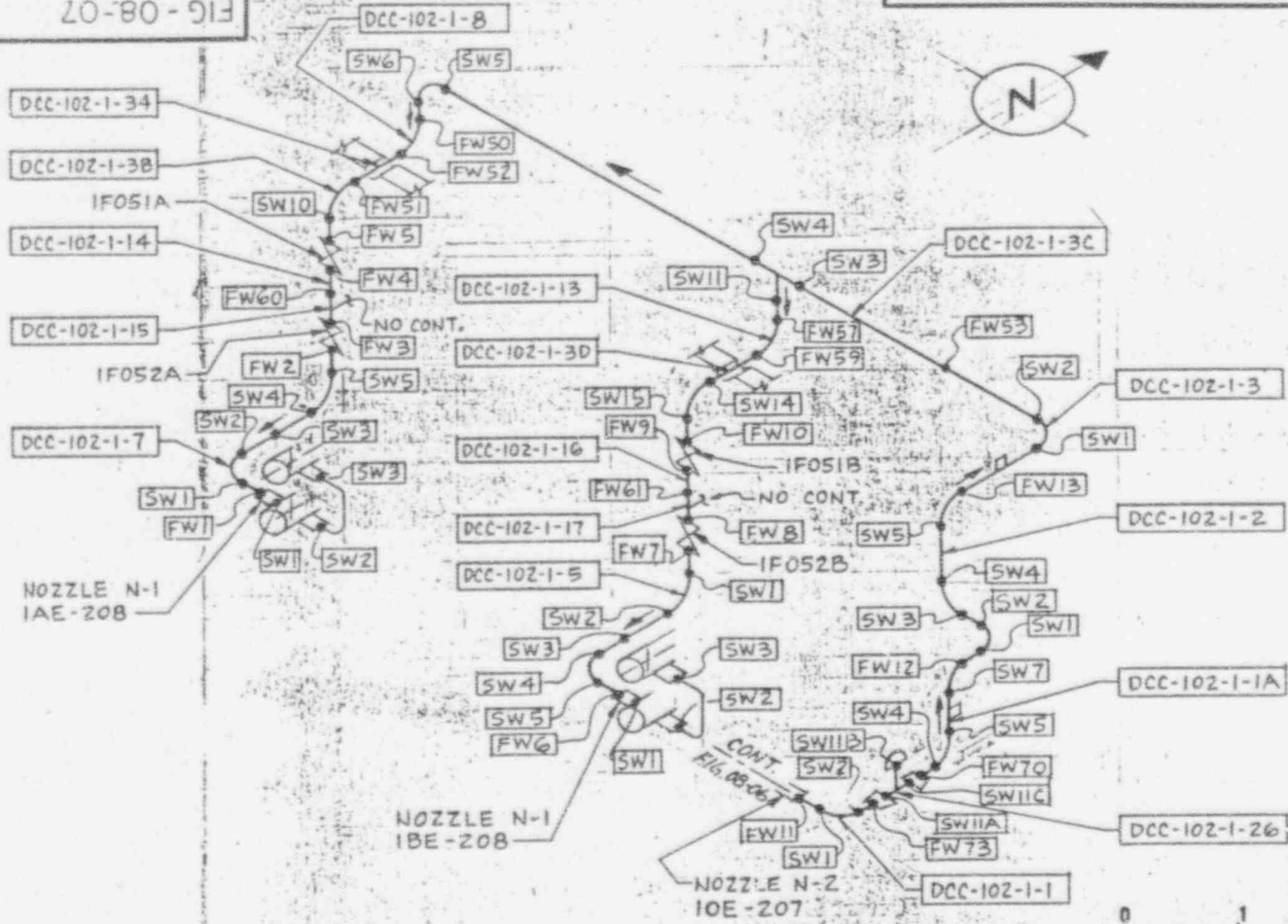
DESIGN IGDS CHECKED/INSPECTED DATE
 GJS / 7/1/80

APP'D: [Signature] REV. 0
 W.P.P.R.D. [Signature] REV. 0

FIG-08-02

FIG-08-07

ROUTE 2611Z



REF. BECHTEL DWGS.
DCC-102-1 REV.10
ISI-M-44 SH. 2, REV.0

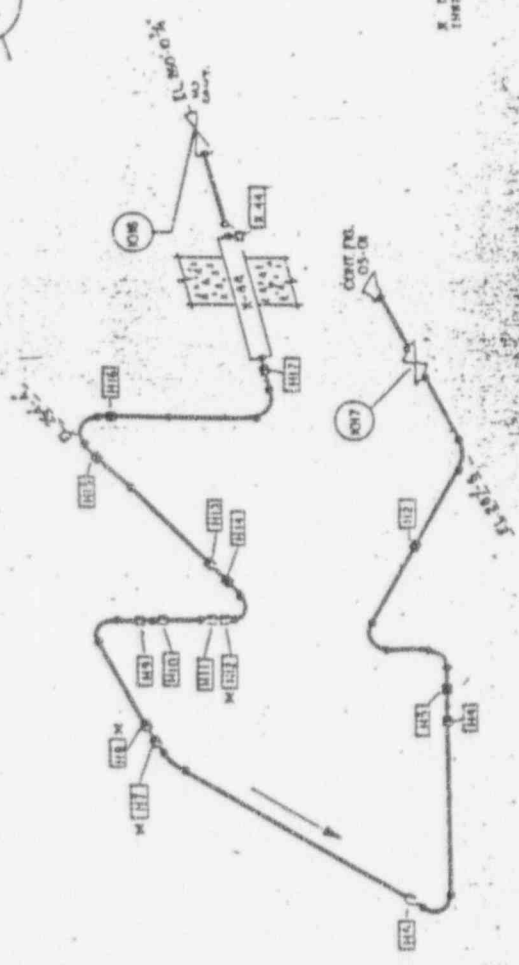
FIGURE 08-07
RWCU WELDS
AUG-1 ONLY

USE LATEST REVISION		ASME SECTION XI			
1	DATE	DESCRIPTION	DESIGN	IGDS	CHECKED
1	9/23	NO. 9181009047 REV. 11/25/83 ADDED THIS SHT.	REC	INSPECTED	DATE
0	6/7/83	CHG'D. DRAWING NO. FROM M-10383 SH. 140 TO FIG. 08-07 SH. 1	REC	INSPECTED	DATE
APPROV.			FIG-08-07		REV. 0

133HS

101-80-91F

ROUTE 26112



X DENOTES WELDS CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TWO-BAY SUPPORT MAY BE REQUIRED)

SEE REGISTER, DRAWING DBA-113 REV. 11
191-N-41 WH. 1, Rev. 0

NOTE:
ALL NUMBER NUMBERS HAVE PREFIX OF DBA-113-

FIGURE 08-101
RNCU SUPPORTS

ASME SECTION XI

ISI ISOMETRIC

RNCU SYSTEM

LIMERICK GENERATING STATION - UNIT 1

PHILADELPHIA ELECTRIC CO.

BEST TESTS PERFORMED DATE

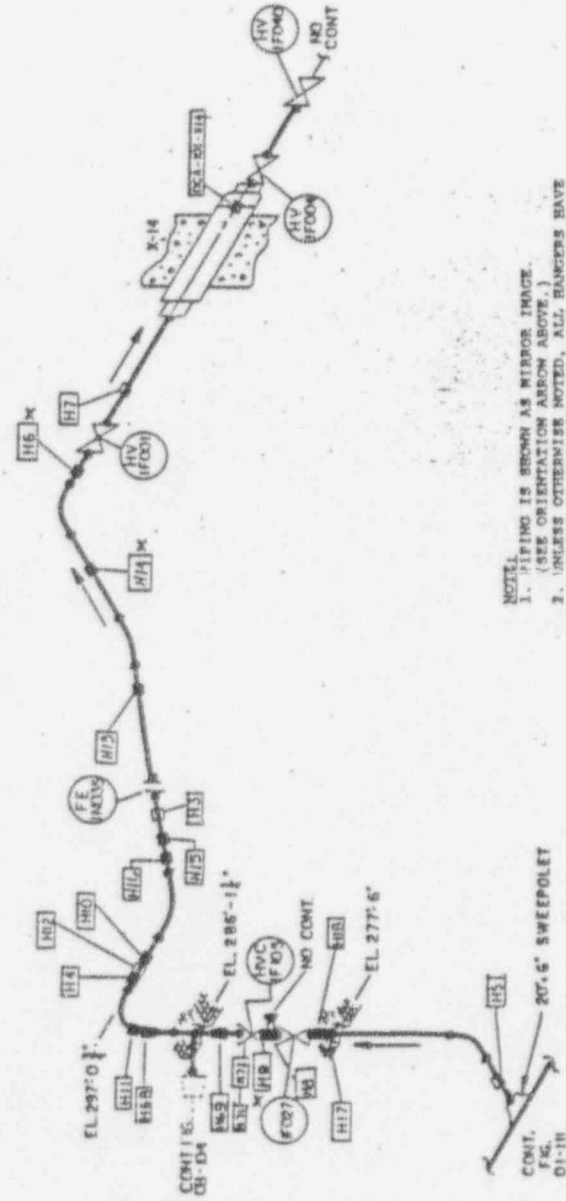
BY GUY

FIG-08-101

SHEET 1 TITLE CHECKED

USE LATEST REVISION	
NO.	DESCRIPTION
0	DESIGN IDENTIFIED NO. 101 FROM N-10083 DBA-113 TO FIG. 08-101 DBA-113
1	INCORPORATED DESIGN CHANGES FROM REV. 11
2	REVISION A. DBL

0	DESIGN IDENTIFIED NO. 101 FROM N-10083 DBA-113 TO FIG. 08-101 DBA-113
1	INCORPORATED DESIGN CHANGES FROM REV. 11
2	REVISION A. DBL



NOTE:
 1. PIPING IS SHOWN AS MIRROR IMAGE.
 2. (SEE ORIENTATION ARROW ABOVE.)
 3. UNLESS OTHERWISE NOTED, ALL HANGERS HAVE PREFIX OF DCA-101.

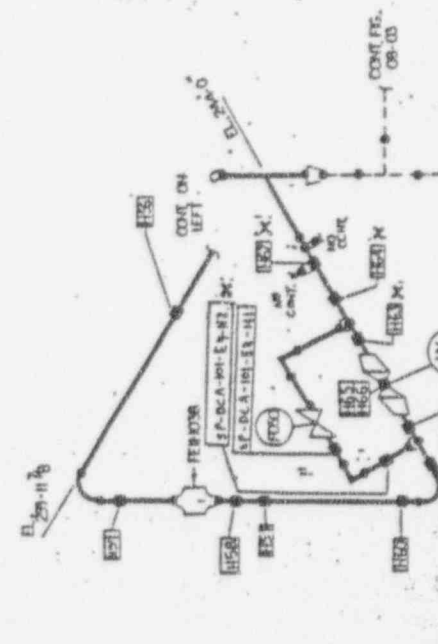
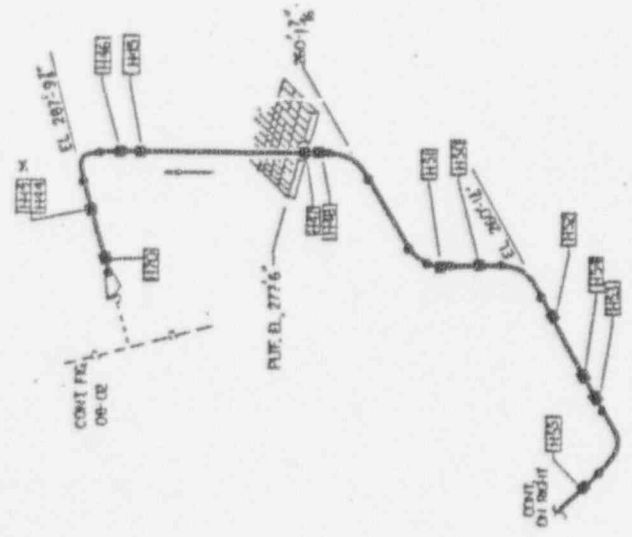
X DEMOTES HANGER CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

REF. SPECIF. SHEETS:
 DCA-101-1 Rev. 23
 DCB-102-1 Rev. 8
 DCC-103-1 Rev. 15
 ISI-N-43 Ch. 1, Rev. 0
 ISI-W-44 Ch. 1, Rev. 0

NO.	DATE	DESCRIPTION	BY	CHKD.
1	11/17/71	ISSUED FOR ISI PROGRAM	W.C.	
2	11/17/71	REVISED FROM M-10383		
3	11/17/71	REVISED FROM M-10383		
4	11/17/71	REVISED FROM M-10383		
5	11/17/71	REVISED FROM M-10383		
6	11/17/71	REVISED FROM M-10383		
7	11/17/71	REVISED FROM M-10383		
8	11/17/71	REVISED FROM M-10383		
9	11/17/71	REVISED FROM M-10383		
10	11/17/71	REVISED FROM M-10383		
11	11/17/71	REVISED FROM M-10383		
12	11/17/71	REVISED FROM M-10383		
13	11/17/71	REVISED FROM M-10383		
14	11/17/71	REVISED FROM M-10383		
15	11/17/71	REVISED FROM M-10383		
16	11/17/71	REVISED FROM M-10383		
17	11/17/71	REVISED FROM M-10383		
18	11/17/71	REVISED FROM M-10383		
19	11/17/71	REVISED FROM M-10383		
20	11/17/71	REVISED FROM M-10383		
21	11/17/71	REVISED FROM M-10383		
22	11/17/71	REVISED FROM M-10383		
23	11/17/71	REVISED FROM M-10383		
24	11/17/71	REVISED FROM M-10383		
25	11/17/71	REVISED FROM M-10383		
26	11/17/71	REVISED FROM M-10383		
27	11/17/71	REVISED FROM M-10383		
28	11/17/71	REVISED FROM M-10383		
29	11/17/71	REVISED FROM M-10383		
30	11/17/71	REVISED FROM M-10383		
31	11/17/71	REVISED FROM M-10383		
32	11/17/71	REVISED FROM M-10383		
33	11/17/71	REVISED FROM M-10383		
34	11/17/71	REVISED FROM M-10383		
35	11/17/71	REVISED FROM M-10383		
36	11/17/71	REVISED FROM M-10383		
37	11/17/71	REVISED FROM M-10383		
38	11/17/71	REVISED FROM M-10383		
39	11/17/71	REVISED FROM M-10383		
40	11/17/71	REVISED FROM M-10383		
41	11/17/71	REVISED FROM M-10383		
42	11/17/71	REVISED FROM M-10383		
43	11/17/71	REVISED FROM M-10383		
44	11/17/71	REVISED FROM M-10383		
45	11/17/71	REVISED FROM M-10383		
46	11/17/71	REVISED FROM M-10383		
47	11/17/71	REVISED FROM M-10383		
48	11/17/71	REVISED FROM M-10383		
49	11/17/71	REVISED FROM M-10383		
50	11/17/71	REVISED FROM M-10383		
51	11/17/71	REVISED FROM M-10383		
52	11/17/71	REVISED FROM M-10383		
53	11/17/71	REVISED FROM M-10383		
54	11/17/71	REVISED FROM M-10383		
55	11/17/71	REVISED FROM M-10383		
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62	11/17/71	REVISED FROM M-10383		
63	11/17/71	REVISED FROM M-10383		
64	11/17/71	REVISED FROM M-10383		
65	11/17/71	REVISED FROM M-10383		
66	11/17/71	REVISED FROM M-10383		
67	11/17/71	REVISED FROM M-10383		
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70	11/17/71	REVISED FROM M-10383		
71	11/17/71	REVISED FROM M-10383		
72	11/17/71	REVISED FROM M-10383		
73	11/17/71	REVISED FROM M-10383		
74	11/17/71	REVISED FROM M-10383		
75	11/17/71	REVISED FROM M-10383		
76	11/17/71	REVISED FROM M-10383		
77	11/17/71	REVISED FROM M-10383		
78	11/17/71	REVISED FROM M-10383		
79	11/17/71	REVISED FROM M-10383		
80	11/17/71	REVISED FROM M-10383		
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82	11/17/71	REVISED FROM M-10383		
83	11/17/71	REVISED FROM M-10383		
84	11/17/71	REVISED FROM M-10383		
85	11/17/71	REVISED FROM M-10383		
86	11/17/71	REVISED FROM M-10383		
87	11/17/71	REVISED FROM M-10383		
88	11/17/71	REVISED FROM M-10383		
89	11/17/71	REVISED FROM M-10383		
90	11/17/71	REVISED FROM M-10383		
91	11/17/71	REVISED FROM M-10383		
92	11/17/71	REVISED FROM M-10383		
93	11/17/71	REVISED FROM M-10383		
94	11/17/71	REVISED FROM M-10383		
95	11/17/71	REVISED FROM M-10383		
96	11/17/71	REVISED FROM M-10383		
97	11/17/71	REVISED FROM M-10383		
98	11/17/71	REVISED FROM M-10383		
99	11/17/71	REVISED FROM M-10383		
100	11/17/71	REVISED FROM M-10383		

FIGURE 08-102
 RMCU SUPPORTS

ASME SECTION XI	
ISI ISOMETRIC	
RWCU SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	LOGS
CHECKED	INSPECTED
DATE	DATE
7/1/71	7/1/71
W.C.	W.C.
FIG-08-102	REV. 0



REF. RECHTEL DPCS.
 DCA-101-4 Rev. 4
 DCA-101-5 Rev. 11
 SP-DCA-101-84 Rev. 6

ISI-N-43 Sh. 1, Rev. 0
 ISI-N-44 Sh. 1, Rev. 0

NOTE:
 COMPLETE RANGER NUMBERS HAVE PREFIX
 OF DCA-101 EXCEPT AS SHOWN.

X DENOTES RANGES CAN BE DISASSEMBLED TO PROVIDE ACCESS FOR
 INSPECTION OF PIPING WELD (TEMPORARY SUPPORT MAY BE REQUIRED)

USE LATEST REVISION	
NO	DESCRIPTION
1	ISSUED FOR ISI PROGRAM
2	ISSUED FOR ISI PROGRAM
3	ISSUED FOR ISI PROGRAM
4	ISSUED FOR ISI PROGRAM
5	CHG'D. DRAWING NO. 126 FROM M-10383 SR.126 TO FIG. 08-104 SR.126
6	CHG'D. DRAWING NO. 126 FROM M-10383 SR.126 TO FIG. 08-104 SR.126

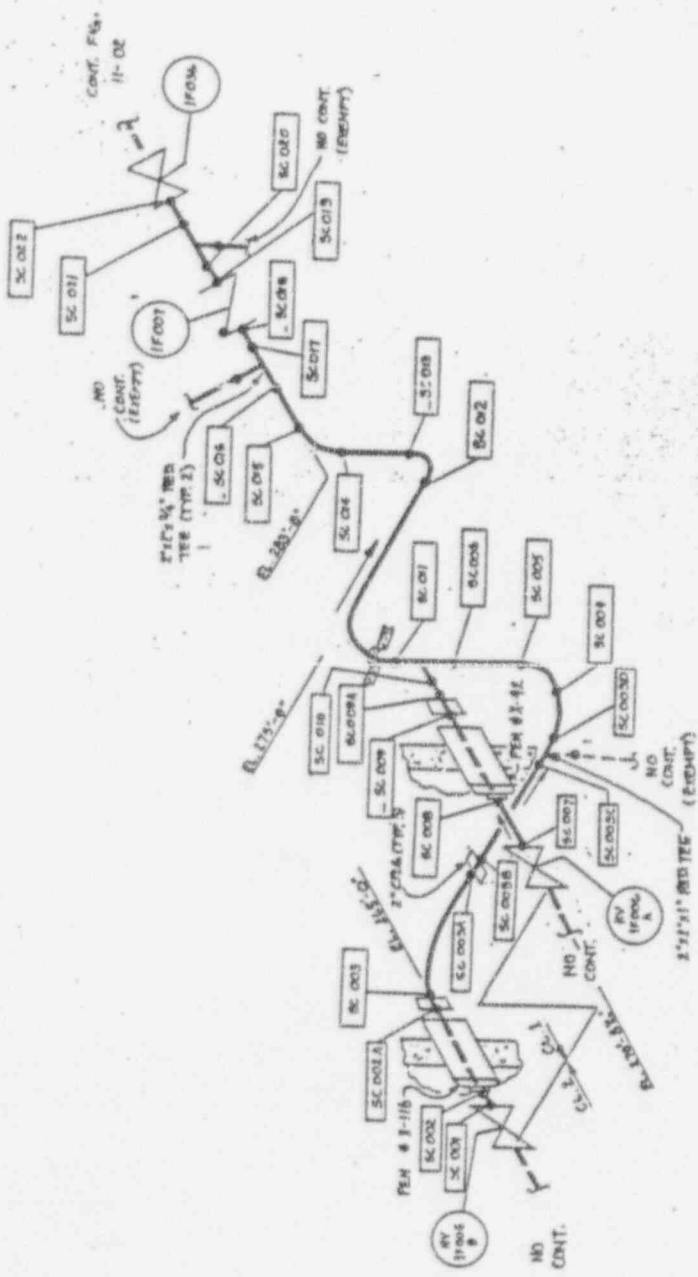
ASME SECTION XI	
ISI ISOMETRIC	
RWC SYSTEM	
LIMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
IGDS	7/1/90
CHECKED	
INSPECTED	
DATE	
REV.	
FIG-08-104	

FIGURE 08-104
 RWC SUPPORTS

SHEET 1

FIG-11-01

ROUTE 26112



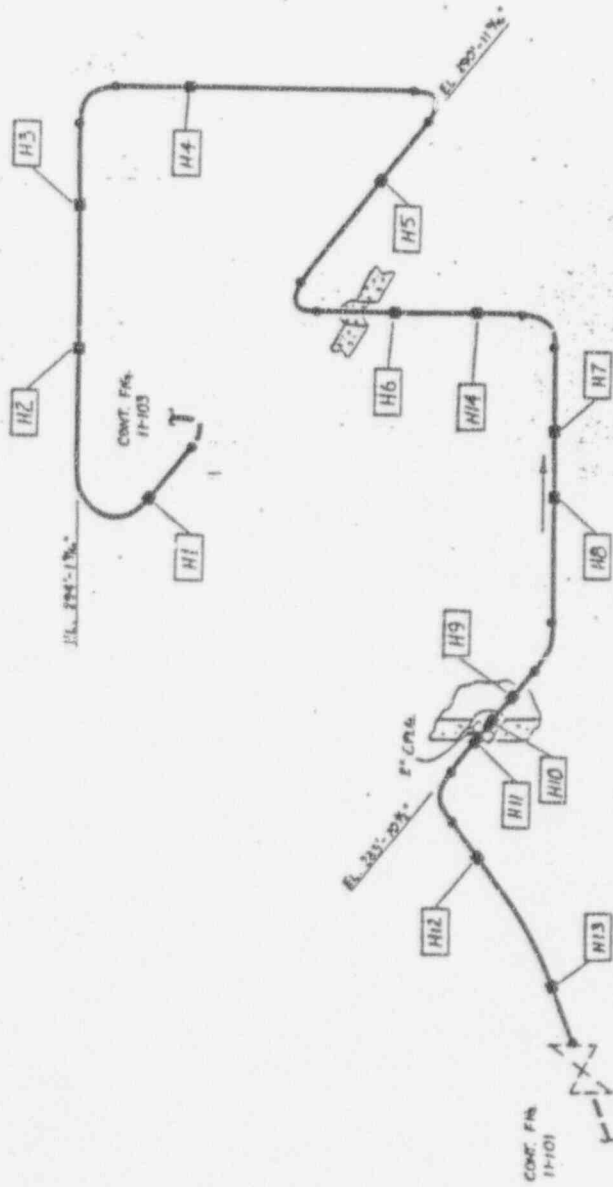
REV. RECORD DATES
 SP-DCA-102-EZ SB. 1 Rev. 9
 ISI-M-48 EN. 1, Rev. 0

USE LATEST REVISION		0	1	2
NO.	DESCRIPTION	DATE	BY	CHKD.
0	DESIGNED FOR ISI PROGRAM W.S. 512280007 P.S. 110782704			
5	CH'D. DRAWING NO. 6 FROM M-10383 BS.1313	0		
7	DESIGN I GOS CHECKED/INSPECTED	DATE		
13	TO FIG. 11-01 EN.1	7/1/90		
APPRO. <i>[Signature]</i>		WC		

ASME SECTION XI
 ISI ISOMETRIC
 STANDBY LIQUID CONTROL SYSTEM
 LIMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.

FIGURE 11-01
 STANDBY LIQUID CONTROL, WELDS

ROUTE 26112



REF. SPECIF. BASED.
 SP-DCA-112-E2 Sh. 1 Rev. 5
 SP-DCA-112-E2 Sh. 2 Rev. 5
 ISI-R-48 Sh. 1, Rev. 0

NOTE:
 COMPLETE HANGER NUMBERS HAVE
 A PREFIX OF SP-DCA-112-E2.

USE LATEST REVISION		DATE	DESCRIPTION	BY	CHK
0	1	7/1/70	DESIGNED FOR THE PROGRAM BY: [unclear] CHK: [unclear]	[unclear]	[unclear]
0	2	7/1/70	CHG'D. DRAWING NO. 8 FROM M-10283 A3.134 TO FIG. 11-102 SH. 1	[unclear]	[unclear]

ASME SECTION XI	
ISI ISOMETRIC	
STANDBY LIQUID CONTROL SYSTEM	
AMERICK GENERATING STATION - UNIT 1	
PHILADELPHIA ELECTRIC CO.	
DESIGN	DATE
SPK - RCB	7/1/70
APPROV.	REV.
[unclear]	0

FIGURE 11-102
 STANDBY LIQUID CONTROL SUPPORTS

SHEET 1

FIG-11-102

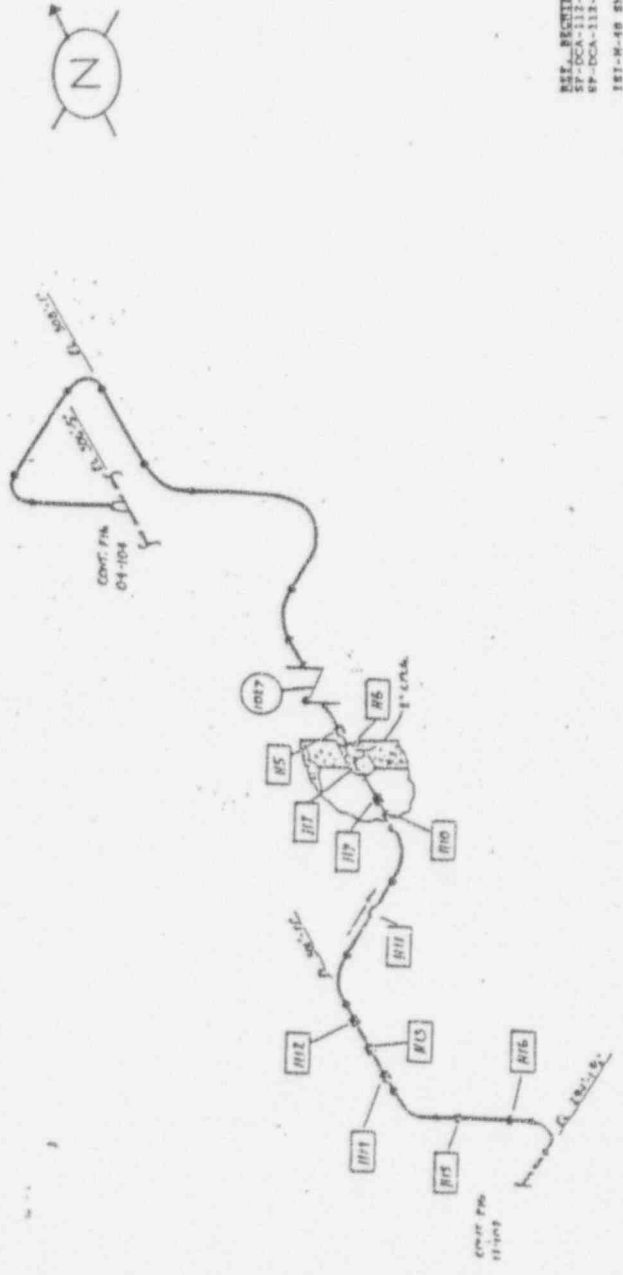
FIG-11-102 SHEET 1

TITLE CHECKE

SHEET 1

FIG-11-103

ROUTE 26112



REV. REVISIONS
 SP-DCR-112-ED SN. 1 Rev. 3
 SP-DCR-112-ED SN. 2 Rev. 5
 SP-DCR-112-ED SN. 3 Rev. 0

NOTE:
 1. THIS DRAWING IS A PART OF THE PROJECT FOR THE STANBURY LIQUID CONTROL SYSTEM.

FIGURE 11-103

STANBURY LIQUID CONTROL SUPPORTS

0	5	CHG'D. DRAWING NO.	R
1	2	FROM M-10383 SH.136	E
2	3	TO FIG. 11-103 SH.1	S
3	4		J
4	5		M
5	6		

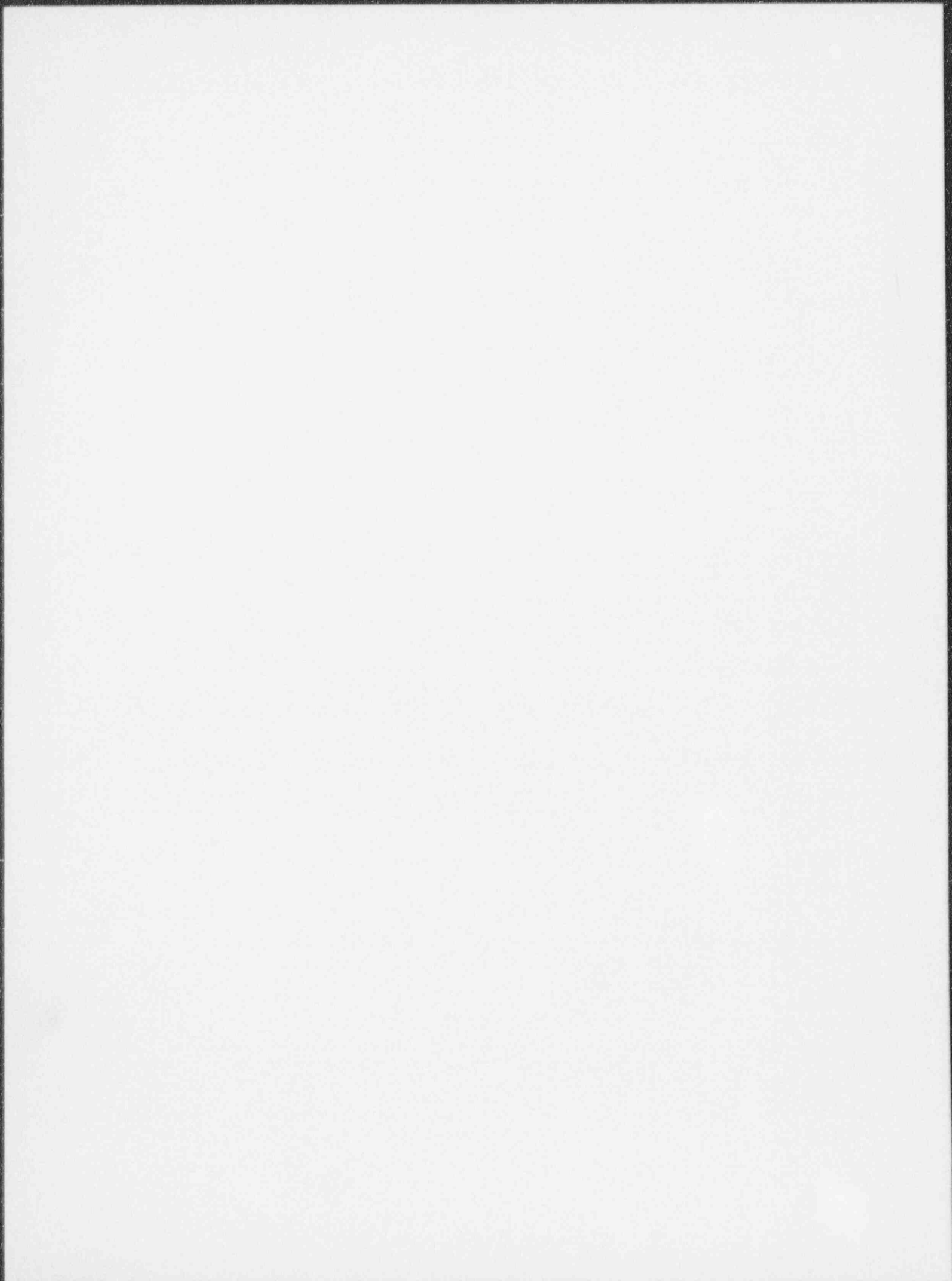
0	1	2	
W	DESCRIPTION	REV	
1	ISSUED FOR THE PROJECT	1	
2	BY M.D. 11/28/84	2	
3	BY M.D. 11/28/84	3	
4	INCORPORATED	4	
5	BY M.D. 11/28/84	5	
6	BY M.D. 11/28/84	6	
7	BY M.D. 11/28/84	7	
8	BY M.D. 11/28/84	8	
9	BY M.D. 11/28/84	9	
10	BY M.D. 11/28/84	10	
11	BY M.D. 11/28/84	11	
12	BY M.D. 11/28/84	12	
13	BY M.D. 11/28/84	13	
14	BY M.D. 11/28/84	14	
15	BY M.D. 11/28/84	15	
16	BY M.D. 11/28/84	16	
17	BY M.D. 11/28/84	17	
18	BY M.D. 11/28/84	18	
19	BY M.D. 11/28/84	19	
20	BY M.D. 11/28/84	20	

ASME SECTION XI
 ISI ISOMETRIC
 STANBURY LIQUID CONTROL SYSTEM
 LIEMERICK GENERATING STATION - UNIT 1
 PHILADELPHIA ELECTRIC CO.
 DESIGN 1005 CHECKED/INSPECTED DATE
 SPK ---/---/7/1/90
 APPRO. N.A.A. ---/---/---
 FIG-11-103 REV 0

SHEET 1

FIG-11-103

SHEET 1



LIMERICK GENERATING STATION
UNIT 1
SUMMARY REPORT
FOR THE
JULY 9, 1992 TO MARCH 11, 1994
PERIODIC INSERVICE INSPECTION

REPORT N° 5

BOOK 2 OF 2

SUMMARY OF ASME SECTION XI REPAIRS AND REPLACEMENTS

<u>NIS-2 N°</u>	<u>DESCRIPTION OF WORK</u>
System 001:	Main Steam
C0083338	Replaced commercial steel leak-off plug with ASME material and seal weld on valve HV-001-150.
C0143469	Replaced valve 001-1021A and adjacent pipe.
C0143494	Replaced valve 001-1022A and adjacent pipe.
C0143496	Replaced valve 001-1022D and adjacent pipe.
C0143499	Replaced valve 001-1021D and adjacent pipe.
System 041:	Nuclear Boiler
C0144867	Performed MSIP on weld DCA-319-1 N5A.
C0144868	Performed MSIP on weld DCA-320-1 N5B.
C0144871	Performed MSIP on weld DCA-318-2 N17A.
C0144872	Performed MSIP on weld DCA-318-1 N17B.
C0144873	Performed MSIP on weld DCA-318-4 N17D.
C0146018	Replaced disc, cover, stuffing boxes on valve HV-041-1F074A. Replaced commercial steel leakoff plugs for the stuffing boxes with ASME material and seal welded.
C0146669	Replaced 2 MSIV body to bonnet studs and 3 nuts on valve HV-041-1F022D.
C0146673	Replaced 3 MSIV body to bonnet studs on valve HV-041-1F028D.
C0146918	Replaced disc on valve HV-041-1F074B.
C0148721	Machined N7 nozzle flange.
C0150048	Performed MSIP on weld RPV-1IN N9.
C0151290	Weld build-up and machined inlet pipe flange at MSRV valve PSV-041-1F013F.

System 041: Nuclear Boiler (Cont'd)

- R0527185 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-C-041-1F020.
- R0475024 Installed replacement PSV-041-1F013A. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475034 Installed replacement PSV-041-1F013B. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475025 Installed replacement PSV-041-1F013C. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0487126 Installed replacement PSV-041-1F013D. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0486867 Installed replacement PSV-041-1F013E. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475026 Installed replacement PSV-041-1F013F. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475027 Installed replacement PSV-041-1F013G. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475028 Installed replacement PSV-041-1F013H. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475029 Installed replacement PSV-041-1F013J. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475030 Installed replacement PSV-041-1F013K. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475031 Installed replacement PSV-041-1F013L. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475032 Installed replacement PSV-041-1F013M. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475036 Installed replacement PSV-041-1F013N. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.
- R0475033 Installed replacement PSV-041-1F013S. Main body replaced per MOD 6101-1. Certified set pressure and seat tightness.

System 042: Nuclear Boiler Instrumentation

- C0144869 Performed MSIP on weld RPV-1IN N8A.
- C0144870 Performed MSIP on weld RPV-1IN N8B.

System 043: Reactor Recirculation Pump

- C0144822 Performed MSIP on weld VRR-1RS-1A N1A.
- C0144844 Performed MSIP on weld VRR-1RS-1B N1B.
- C0144849 Performed MSIP on weld VRR-1RD-1B N2A.
- C0144864 Performed MSIP on weld VRR-1RD-1B N2D.
- C0144865 Performed MSIP on weld VRR-1RD-1A N2F.
- C0144866 Performed MSIP on weld VRR-1RD-1A N2G.

System 044: Reactor Water Clean-Up

- C0144875-1 Performed MSIP on weld DCB-102-1 FW1.
- C0144875-2 Performed MSIP on weld DCB-102-1 FW2.
- C0146016 Replaced stuffing box and bearing cover on valve HV-044-1F039.
Replaced commercial steel leakoff plug for the stuffing box with ASME material and seal weld.

System 047: Control Rod Drive Hydraulics

- C0145790-1 Replaced Control Rod Drive at core location 02-43.
- C0145790-2 Replaced Control Rod Drive and (1) cap screw at core location 10-19.
- C0145790-3 Replaced Control Rod Drive at core location 10-39.
- C0145790-4 Replaced Control Rod Drive at core location 14-39.
- C0145790-5 Replaced Control Rod Drive at core location 18-23.
- C0145790-6 Replaced Control Rod Drive at core location 18-39.

System 047:	Control Rod Drive Hydraulics (Cont'd)
C0145790-7	Replaced Control Rod Drive at core location 18-51.
C0145790-8	Replaced Control Rod Drive and (8) cap screws at core location 26-31.
C0145790-9	Replaced Control Rod Drive at core location 30-47.
C0145790-10	Replaced Control Rod Drive at core location 34-47.
C0145790-11	Replaced Control Rod Drive and (8) cap screws at core location 38-35.
C0145790-12	Replaced Control Rod Drive and (8) cap screws at core location 38-43.
C0145790-13	Replaced Control Rod Drive at core location 38-47.
C0145790-14	Replaced Control Rod Drive at core location 42-03.
C0145790-15	Replaced Control Rod Drive and (8) cap screws at core location 42-15.
C0145790-16	Replaced Control Rod Drive and (8) cap screws at core location 42-55.
C0145790-17	Replaced Control Rod Drive and (8) cap screws at core location 50-43.
C0145790-18	Replaced Control Rod Drive and (8) cap screws at core location 54-19.
C0145790-19	Replaced Control Rod Drive and (1) cap screw at core location 58-31.
R0265772-1	Replaced Control Rod Blade at core location 14-31.
R0265772-2	Replaced Control Rod Blade at core location 22-23.
R0265772-3	Replaced Control Rod Blade at core location 22-39.
R0265772-4	Replaced Control Rod Blade at core location 30-15.
R0265772-5	Replaced Control Rod Blade at core location 30-47.
R0265772-6	Replaced Control Rod Blade at core location 38-23.
R0265772-7	Replaced Control Rod Blade at core location 38-39.
R0265772-8	Replaced Control Rod Blade at core location 46-31.

System 049: Reactor Core Isolation Cooling

C0144874-1 Performed MSIP on weld DBA-107-1 FW54.
C0144874-2 Performed MSIP on weld DBA-107-1 FW4.
C0145008 Replaced 2" valve 049-1F028 with a 1" valve and replaced adjacent piping.
C0145254 Replaced disc on valve 049-1017.
C0145313 Replaced disc on valve 049-1018.
C0145318 Replaced disc on valve 049-1F068.
C014532E Replaced disc on valve 049-1F081.
C9149903 Replaced valve 049-1F002 and adjacent pipe.

System 051: Residual Heat Removal

C0023205 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-051-1F016B.
C0087647 Removed gouge from SP-HBB-117-E3 piping.
C0142350 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-051-1F027B.
C0151278 Replaced top clamp, studs and nuts on support HBB-118-H49.
R0516560 Replaced commercial steel leakoff plug with ASME material and seal weld on valve 051-1F077.
R0516561 Replaced commercial steel leakoff plug with ASME material and seal weld on valve 051-1F060A.
R0517068 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-051-1F008.
R0517069 Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-051-1F009.
MOD 6147-1 Cross connection between RHR and Fire Protection System.

System 051:	Residual Heat Removal (Cont'd)
MOD 6227-1	Replaced A and B RHR heat exchangers.
MOD 6240-1	Elimination of RHR steam condensing mode.
System 052:	Core Spray
C0081237	Replaced commercial steel leakoff plug with ASME material and seal weld on valve 052-1F003A.
R0518429	Replaced valve 052-1F030A and adjacent pipe.
System 055:	High Pressure Coolant Injection
C0133001	Replaced commercial steel leakoff plug with ASME material and seal weld on valve HV-055-1F004.
R0471857	Replaced valve 055-1048 and adjacent pipe.
System 056:	HPCI Pump/Turbine
C0145955	Replaced booster pump rotating element with (5) vane impeller.
C0146476	Replaced internals of valve PCV-056-1F035.
System 057:	Containment Atmospheric Control
C0149648	Replaced valve HV-057-105 and adjacent piping.
System 060:	Primary Containment Leak Testing
C0151700	Fabricated and installed permanent access ladder on Drywell Head.
System 103:	Snubbers
C0143598	Replaced snubber on support DLA-108 H009.
C0143620	Replaced snubber and (1) load pin on support DCA-101-E3 H002.
C0143628	Replaced (1) load pin on support DCA-113-E01 H005.
MOD 6140-1	Snubber reduction on A & C Main Steam loops.

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 12, 1993
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 PECo - WO # C0083338
 Address Repair Organization P.O. No., Job No., etc

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

4. Identification of System 001 Main Steam Line No. EBB-101-2 HV-001-150

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1" Pipe Plug	Tioga Pipe	Heat No. 602TNR	N/A	*114-90842	N/A	Replacement	No

*Traceability per PECO Part Code No.

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

8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1001 psi Test Temp. N/A °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.

W/O # C008333B

XI L1-92-128
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. NCR L91-00320

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt for Maintenance Engineer Date March 12 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5-8-92 to 5-3-93 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 3 MAY 1993

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

1. Owner PECO Energy Company Date May 6, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0143469
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Expiration Date N/A
 Authorization No. N/A
4. Identification of System 001: Main Steam Line No. SP-EBB-103-1F 001-1021A
5. (a) Applicable Construction Code ASME III 1974 Edition S-75 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)
1½" Pipe PC#601	Quanex, Inc.	Heat No. 73127	N/A	* 114-90038	N/A	Replacement	No
1½" Valve 001-1021A	Edwards Valve	38AFJ	N/A	* 114-93546	1993	Replacement	Yes

7. Description of Work Replaced valve and adjacent pipe
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1017 psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 8, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date May 6, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address Work Order #C0143494
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. N/A
Expiration Date N/A
4. Identification of System 001: Main Steam Line No. SP-EBB-103-1F 001-1022A
5. (a) Applicable Construction Code ASME III 1974 Edition 5-75 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)
1½" Pipe PC#602	Quanex, Inc.	Heat No. 73127	N/A	* 114-90038	N/A	Replacement	No
1½" Valve 001-1022A	Edwards Valve	37AFJ	N/A	* 114-93546	1993	Replacement	Yes

7. Description of Work Replaced valve and adjacent pipe
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1017 psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kruse Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date May 6, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0143496
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
 Address _____
4. Identification of System 001 Main Steam Line No. SP-EBB-102-1F 001-1022D
5. (a) Applicable Construction Code ASME III 1974 Edition, # 76 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)
1½" Pipe PC#802	Quanex, Inc.	Heat No. 73127	N/A	* 114-90038	N/A	Replacement	No
1½" Valve 001-1022D	Borg Warner	32840	N/A	* 114-81290	1979	Replacement	Yes

7. Description of Work Replaced valve and adjacent pipe
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1017 psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

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

1. Owner PECO Energy Company Date May 6, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0143499
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 001: Main Steam Line No. SP-EBB-102-1F 001-1021D

5. (a) Applicable Construction Code ASME III 1974 Edition S-75 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)
1½" Pipe PC#801	Quanex, Inc.	Heat No. 73127	N/A	* 114-90038	N/A	Replacement	No
1½" Valve 001-1021D	Edwards Valve	39AFJ	N/A	* 114-93546	1993	Replacement	Yes

7. Description of Work Replaced valve and adjacent pipe

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1017 psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kram Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Name _____ Address _____
2. Plant Limerick Generating Station Unit LG1
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0144867
 Name _____ Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
2301 Market Street, Philadelphia, PA 19101 Name _____ Authorization No. N/A
 Address _____ Expiration Date N/A
4. Identification of System 041: Nuclear, Boiler Line No. DCA-319-1
5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N5A to Safe End Weld	General Electric Co.	T31	3908	DCA-319-1-N5A	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N5A nozzle to safe end weld DCA-319-1-N5A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9 Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300
 Address Work Order #C0144868
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101
 Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. DCA-320-1
5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N5B to Safe End Weld	General Electric Co.	T31	3908	DCA-320-1-N5B	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N5B nozzle to safe end weld DCA-320-1-N5B.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0144871
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System D41: Nuclear Boiler Line No. DCA-318-2
5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N17A to Safe End Weld	General Electric Co.	T31	3908	DCA-318-2-N17A	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N17A nozzle to safe end weld DCA-318-2-N17A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1000 psi Test Temp 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19454-2300 Address
Work Order #C0144872
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. DCA-318-1
5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N17B to Safe End Weld	General Electric Co.	T31	3908	DCA-318-1-N17B	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N17B nozzle to safe end weld DCA-318-1-N17B.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, 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 make any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0144873
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. DCA-318-4
5. (a) Applicable Construction Code ASME III 1974 Edition, S76 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)
R.P.V. Nozzle N17D to Safe End Weld	General Electric Co.	T31	3908	DCA-318-4-N17D	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N17D nozzle to safe end weld DCA-318-4-N17D.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date May 6, 1994
 Name
 2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
 P.O. Box 2300, Sanatogs, PA 19464-2300 Address
 Work Order #C0146018
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
 2301 Market Street, Philadelphia, PA 19101 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System O41: Nuclear Boiler Line No. DLA-105-1 HV-041-1F074A
5. (a) Applicable Construction Code ASME III 1971 Edition M-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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Atwood & Morrill	Heat No. 802V33850-K31646 S/N #1	N/A	* 114-98141	1993	Replacement	Yes
Stuffing Box	Atwood & Morrill	Heat No. R1278 S/N #3	N/A	* 114-77114	N/A	Replacement	No
Stuffing Box	Atwood & Morrill	Heat No. T8001 S/N #5	N/A	* 114-77113	N/A	Replacement	No
Cover	Atwood & Morrill	Heat No. S0692 S/N #1	N/A	* 114-98141	1993	Replacement	Yes
(2) 1/2" NPT Pipe Plugs	WFI Nuclear	Heat Code 866VNB	N/A	* 114-79168	N/A	Replacement	No

7. Description of Work Replaced disc, cover, stuffing boxes and leakoff plugs. Also seal welded leakoff plugs.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Krum Engineer Date MAY 16, 1994
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Penning
Inspector's Signature

Commissions PA 2497 I&N
National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date May 10, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0146669
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LD HV-041-1F022D

5. (a) Applicable Construction Code ASME III 1988 Edition N/A Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(2) Bonnet Studs	Atwood & Morrill	Heat Code 86Q	N/A	* 114-44883	N/A	Replacement	No
(2) Bonnet Nuts	Cardinal Industrial	Heat Code A2	N/A	* 114-92665	N/A	Replacement	No
(1) Bonnet Nut	Nova Machine	Heat Code K9G	N/A	* 114-92665	N/A	Replacement	No

7. Description of Work Replaced MSIV Body to Bonnet Studs and Nuts

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date May 10, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0146673
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 041 Nuclear Boiler Line No. APE-1MS-LD HV-041-1F028D

5. (a) Applicable Construction Code ASME III 1988 Edition N/A Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(3) Bonnet Studs	Atwood & Morrill	Heat Code 86Q	N/A	* 114-44883	N/A	Replacement	No

7. Description of Work Replaced 3 MSIV Body to Bonnet Studs

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H. S. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner: PECO Energy Company Date May 6, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0146918
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. DLA-106-1 HV-041-1F074B
5. (a) Applicable Construction Code ASME III 1971 Edition 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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Atwood & Morrill	Heat No. 802V33850-K31646 S/N #2	N/A	* 114-98141	1993	Replacement	Yes

7. Description of Work Replaced Disc
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Keenan Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company
Name
2301 Market Street, Philadelphia, PA 19101
Address

Date March 11, 1994
Sheet 1 of 2

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

Unit EG1
Work Order # C0148721
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company
Name
2301 Market Street, Philadelphia, PA 19101
Address

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

4. Identification of System 041 Nuclear Boiler

Line No. DBA 110-1 N7 Nozzle Flange

5. (a) Applicable Construction Code ASME III 1968 Edition, S69

Addenda 1332-5, 1420, 1441-1, 1492 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)
RPV N7 Nozzle Flange	CB&I	T31	3908	10-S201	1976	Repair	Yes

7. Description of Work Machined nozzle flange tongue.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Work performed per NCR 92-00196
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 10 JAN 94 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19454-2300 Work Order #C0150048
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No N/A
 Address Expiration Date N/A

4. Identification of System 041: Nuclear Boiler Line No RPV-1IN

5. (a) Applicable Construction Code ASME III 1974 Edition S7c 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)
R.P.V. Nozzle N9 to Cap Weld	General Electric Co.	T31	3908	RPV-1IN-N9	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N9 nozzle to cap weld RPV-1IN-N9.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date May 6, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Address _____
 Work Order # C0151290
 Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LB-5
5. (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)
Expander Flange	M.W. Kellogg	8774 IT #5	N/A	APE-1MS-LB-M5	1974	Repaired	No

7. Description of Work Weld build-up and machine inlet flange at PSV-041-1F013F
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kram Engineer Date MAY 16 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 21 MAY 19 94

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

1. Owner PECO Energy Company Date May 5, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0527185
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 041: Nuclear Boiler Line No. SP-EBB-105-F1 HV-041-1F020

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/4" NPT Pipe Plug	Capitol Manufacturing	Heat No. 008E	N/A	* 114-79171	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 920 psi Test Temp N/A °F

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

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kwan Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0475024
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System O41: Nuclear Boiler Line No. APE-1MS-LA PSV-041-1F013A

5. (a) Applicable Construction Code ASME III 1988 Edition, S70 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)
M.S.R.V. Body	Target Rock	168	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	510	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3406	N/A	* 114-76023	N/A	Replacement	No
(1) Inlet Studs	Cardinal industrial	Heat Code D9	N/A	* 114-93783	N/A	Replacement	No
(2) Inlet Nuts	Allied Nut & Bolt	Heat Code 216	N/A	* 114-93784	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 159 with reworked valve S/N 166. Certified set pressure and seat tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Date <u>May 17, 1994</u> Sheet <u>1 of 2</u>
2. Plant <u>Limerick Generating Station</u> Name <u>P.O. Box 2300, Sanatoga, PA 19464-2300</u> Address	Unit <u>LG1</u> Work Order # <u>R0475034</u> Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>041 Nuclear Boiler</u>	Line No. <u>APE-1MS-LB PSV-041-1F013B</u>
5. (a) Applicable Construction Code <u>ASME III 1968</u> Edition <u>S70</u>	Addenda <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</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)
M.S.R.V. Body	Target Rock	185	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	534	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3401	N/A	* 114-78023	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 166 with reworked valve S/N 185. Certified set pressure and seat tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kram Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Lenan Jr Commission # PA 2457 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300 Sanatoga, PA 19464-2300 Work Order #R0475025
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
 Address _____
4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LC PSV-041-1F013C
5. (a) Applicable Construction Code ASME III 1968 Edition 570 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)
M.S.R.V. Body	Target Rock	172	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	511	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 154 with reworked valve S/N 172. Certified set pressure and seat tightness.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Pham Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Bonarri
Inspector's Signature

Commissions PA 2497 I&N
National Board, State, Province, and Endorsements

Date 23 MAY, 19 94

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

1. Owner: PECO Energy Company Date: May 17, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet: 1 of 2
 Address

2. Plant: Limerick Generating Station Unit: LG1
 Name
P.O. Box 2300, Sanatoga, PA 19454-2300 Work Order #R0487126
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by: PECO Energy Company Type Code Symbol Stamp: N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No: N/A
 Address Expiration Date: N/A

4. Identification of System: 041: Nuclear Boiler Line No: APE-1MS-LD PSV-041-1F013D

5. (a) Applicable Construction Code ASME III 1986 Edition, S70 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)
M.S.R.V. Body	Target Rock	193	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	509	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3405	N/A	* 114-76023	N/A	Replacement	No

7. Description of Work: Replaced MSRV S/N 165 with reworked valve S/N 193. Certified set pressure and seal tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Korman Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Schmitt Jr. Commissions PA 2487 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0486867
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 041 Nuclear Boiler Line No. APE-1MS-LA PSV-041-1F013E
5. (a) Applicable Construction Code ASME III 1968 Edition S70 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)
M.S.R.V. Body	Target Rock	182	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	529	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3409	N/A	* 114-76023	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 155 with reworked valve S/N 182. Certified set pressure and seat tightness.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Khan Engineer Date MAY 17, 19 94
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission 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

I have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # R0475026
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LB PSV-041-1F013F

5. (a) Applicable Construction Code ASME III 1968 Edition S70 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)
M.S.R.V. Body	Target Rock	173	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	535	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced MSR: S/N 151 with reworked valve S/N 173. Certified set pressure and seat tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kham Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, 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 23 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date May 17, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #R0475027
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LC PSV-041-1F013G
5. (a) Applicable Construction Code ASME III 1988 Edition, S70 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
M.S.R.V. Body	Target Rock	181	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	506	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3400	N/A	* 114-76023	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 157 with reworked valve S/N 181. Certified set pressure and seat tightness.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kwame Engineer Date MAY 17 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name
 2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
 P.O. Box 2300, Sanatoga, PA 19464-2300 Address
 Work Order #R0475028
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
 2301 Market Street, Philadelphia, PA 19101 Address
 Authentication No. N/A
 Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LD PSV-041-1F013H
5. (a) Applicable Construction Code ASME III 1968 Edition S70 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)
M.S.R.V. Body	Target Rock	190	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	504	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3407	N/A	* 114-76023	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 164 with reworked valve S/N 190. Certified set pressure and seat tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 8101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kivner Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0475029
 Address Repair Organization P.C. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LA PSV-041-1F013J

5. (a) Applicable Construction Code ASME III 1986 Edition S70 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)
M.S.R.V. Body	Target Rock	183	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	501	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 181 with reworked valve S/N 183. Certified set pressure and seat tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Khan Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

- | | |
|---|--|
| 1. Owner <u>PECO Energy Company</u>
Name
<u>2301 Market Street, Philadelphia, PA 19101</u>
Address | Date <u>May 17, 1994</u>

Sheet <u>1 of 2</u> |
| 2. Plant <u>Limerick Generating Station</u>
Name
<u>P.O. Box 2300, Sanatoga, PA 19464-2300</u>
Address | Unit <u>LG1</u>

Work Order # <u>R0475030</u>
Repair Organization P.O. No., Job No., etc. |
| 3. Work Performed by <u>PECO Energy Company</u>
Name
<u>2301 Market Street, Philadelphia, PA 19101</u>
Address | Type Code Symbol Stamp <u>N/A</u>
Authorization No. <u>N/A</u>
Expiration Date <u>N/A</u> |
| 4. Identification of System <u>041: Nuclear Boiler</u> | Line No. <u>APE-1MS-LB PSV-041-1F013K</u> |
| 5. (a) Applicable Construction Code <u>ASME III 1988</u> Edition <u>S70</u> | Addenda <u>N/A</u> Code Case |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</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)
M.S.R.V. Body	Target Rock	191	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	505	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3402	N/A	* 114-76023	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 158 with reworked valve S/N 191. Certified set pressure and seat tightness.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name
 2301 Market Street, Philadelphia, PA 19101
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
 P.O. Box 2300, Sanatoga, PA 19464-2300
 Address Work Order #R0475031
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
 2301 Market Street, Philadelphia, PA 19101
 Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System 041: Nuclear Boiler Line No. APE-1MS-LC PSV-041-1F013L
5. (a) Applicable Construction Code ASME III 1958 Edition S70 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)
M.S.R.V. Body	Target Rock	177	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	512	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 150 with reworked valve S/N 177. Certified set pressure and seal tightness.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECC Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Khan Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Kenan
Inspector's Signature

Commissions: PA 2497 I&N
National Board, State, Province, and Endorsements

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date May 17, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # R0475032
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
 Address _____
4. Identification of System 041 Nuclear Boiler Line No. APE-1MS-LD PSV-041-1F013M
5. (a) Applicable Construction Code ASME III 1966 Edition S70 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)
M.S.R.V. Body	Target Rock	174	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	527	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 163 with reworked valve S/N 174. Certified set pressure and seal tightness.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kram Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Date <u>May 17, 1994</u> Sheet <u>1</u> of <u>2</u>
2. Plant <u>Limerick Generating Station</u> Name <u>P.O. Box 2300, Sanatoga, PA 19464-2300</u> Address	Unit <u>LG1</u> Work Order # <u>R0475036</u> Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>041: Nuclear Boiler</u>	Line No. <u>APE-1MS-LB</u> <u>PSV-041-1F013N</u>
5. (a) Applicable Construction Code <u>ASME III 1968</u> Edition <u>S70</u>	Addenda <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</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)
M.S.R.V. Body	Target Rock	171	N/A	N/A	1992	Replacement	Yes
Pilot	Target Rock	533	N/A	N/A	N/A	Replacement	No
Main Disc	Target Rock	3408	N/A	* 114-76023	N/A	Replacement	No
(5) Inlet Studs	Cardinal	Heat Code D9	N/A	* 114-93783	N/A	Replacement	No
(10) Inlet Nuts	Cardinal	Heat Code A2	N/A	* 114-93784	N/A	Replacement	No

7. Description of Work Replaced MSRV S/N 180 with reworked valve S/N 171. Certified set pressure and seat tightness.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Korman Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

FORM NIS-2 (BACK)

9. Remarks Manufacturer's Data Reports are traceable by Work Order Package
Applicable Manufacturer's Data Reports to be attached
Main body replacement completed in accordance with MOD No. 6101-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 21 DEC 93 to 23 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner: PECO Energy Company Date March 11, 1994
2301 Market Street, Philadelphia, PA 19101
 Name Address Sheet 1 of 2
2. Plant: Limerick Generating Station Unit LG1
P.O. Box 2300, Sanatoga, PA 19464-2300
 Name Address Work Order # C0144869
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by: PECO Energy Company Type Code Symbol Stamp N/A
2301 Market Street, Philadelphia, PA 19101
 Name Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System: 042: Nuclear Boiler Instrumentation Line No. RPV-1IN
5. (a) Applicable Construction Code ASME III 1974 Edition, S76 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)
R.P.V. Nozzle NBA to Safe End Weld	General Electric Co.	T31	3908	RPV-1IN-NBA	1976	Replacement	Yes

7. Description of Work: Performed M.S.I.P. on NBA nozzle to safe end weld RPV-1IN-NBA
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

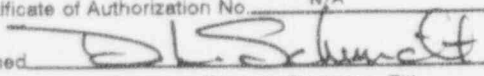
9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed  Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, 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.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #C0144870
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Authorization No N/A
 Expiration Date N/A

4. Identification of System 042: Nuclear Boiler Instrumentation Line No. RPV-1IN

5. (a) Applicable Construction Code ASME III 1974 Edition, S76 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
R.P.V. Nozzle N8B to Safe End Weld	General Electric Co.	T31	3908	RPV-1IN-N8B	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N8B nozzle to safe end weld RPV-1IN-N8B.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101
Address Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300
Address Work Order #C0144822
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101
Address Expiration Date N/A
4. Identification of System 043: Recirculation Line No. VRR-1RS-1A
5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N1A to Safe End Weld	General Electric Co.	T31	3908	VRR-1RS-1A-N1A	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N1A nozzle to safe end weld VRR-1RS-1A-N1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0144844
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 043 Recirculation Line No. VRR-1RS-1B
5. (a) Applicable Construction Code ASME III 1974 Edition, S76 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B6

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)
R.P.V. Nozzle N1B to Safe End Weld	General Electric Co.	T31	3908	VRR-1RS-1B-N1B	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N1B nozzle to safe end weld VRR-1RS-1B-N1B
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # f.0144849
 Address _____ Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 043: Recirculation Line No. VRR-1RD-1B
5. (a) Applicable Construction Code ASME III 1974 Edition, S76 Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
R.P.V. Nozzle N2A to Safe End Weld	General Electric Co.	T31	3908	VRR-1RD-1B-N2A	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N2A nozzle to safe end weld VRR-1RD-1B-N2A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0144864
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____
4. Identification of System D43 Recirculation Line No. VRR-1RD-1B
5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N2D to Safe End Weld	General Electric Co.	T31	3908	VRR-1RD-1B-N2D	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N2D nozzle to safe end weld VRR-1RD-1B-N2D
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0144865
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 043 Recirculation Line No. VRR-1RD-1A

5. (a) Applicable Construction Code ASME III 1974 Edition 576 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)
R.P.V. Nozzle N2F to Safe End Weld	General Electric Co.	T31	3908	VRR-1RD-1A-N2F	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N2F nozzle to safe end weld VRR-1RD-1A-N2F.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schwartz Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Saratoga, PA 19464-2300 Work Order # C0144866
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Expiration Date N/A
 Address

4. Identification of System 043: Recirculation Line No. VRR-1RD-1A

5. (a) Applicable Construction Code ASME III 1974 Edition S76 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)
R.P.V. Nozzle N2G to Safe End Weld	General Electric Co.	T31	3908	VRR-1RD-1A-N2G	1976	Replacement	Yes

7. Description of Work Performed M.S.I.P. on N2G nozzle to safe end weld VRR-1RD-1A-N2G.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #C0144875-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System 044 RWCU Line No. DCB-102-1

5. (a) Applicable Construction Code ASME III 1974 Edition W74 Addenda N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RWCU System Piping	BCI	DCB-102-1	N/A	DCB-102-1-FW1	N/A	Replacement	Yes

7. Description of Work Performed M.S.I.P. on pipe to HV-1F004 weld DCB-102-1-FW1.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

W/O #C0144875-2

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Saratoga, PA 19464-2300 Address _____
 Work Order # C0144875-2
 Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System 044: RWCU Line No. DCB-102-1
5. (a) Applicable Construction Code ASME III 1974 Edition W74 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)
RWCU System Piping	BCI	DCB-102-1	N/A	DCB-102-1-FW2	N/A	Replacement	Yes

7. Description of Work Performed M.S.I.P. on HV-044-1F040 to pipe weld DCB-102-1-FW2
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/4 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date May 5, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
Address

2. Plant Limerick Generating Station Unit LG1
Name Work Order #C0146016
P.O. Box 2300, Sanatoga, PA 19464-2300 Repair Organization P.O. No., Job No., etc.
Address

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
Address

4. Identification of System 044: Feedwater Clean-Up Line No. DBB-105-1 HV-044-1F039

5. (a) Applicable Construction Code ASME III 1971 Edition W-72 Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Stuffing Box	Atwood & Morrill	Heat No. 9227 S/N #1	N/A	* 114-77438	N/A	Replacement	No
Bearing Cover	Atwood & Morrill	Heat No. T8869 S/N #24	N/A	* 114-77439	N/A	Replacement	No
1/2" NPT Pipe Plug	Capitol Manufacturing	Heat No. 008E	N/A	* 114-79171	N/A	Replacement	No

7. Description of Work Replaced stuffing box and bearing cover. Replaced seal welded leakoff plug

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 165 °F

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

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA 2497 ISN
Inspector's Signature National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #C0145790-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-02-43

5. (a) Applicable Construction Code ASME III 1968 Edition, WB9 Addenda 1361-1 Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replaced	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	5288	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145790-2
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 047: Control Rod Drive Line No. 10-S299-10-19

5. (a) Applicable Construction Code ASME B1 19⁶⁸ Edition WB9 Addenda 1361-1 Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	5289	N/A	N/A	N/A	Replacement	Yes
(1) Cap Screw 1" dia x 5-1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (1) cap screw

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #C0145790-3
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-10-39
5. (a) Applicable Construction Code ASME III 1971 Edition S73 Addenda 1361-2 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)
C.R.D.	General Electric Co.	B166	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. J. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatogs, PA 19464-2300 Address _____
 Work Order # C0145790-4
 Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
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. 10-S299-14-39

5. (a) Applicable Construction Code ASME III 1968 Edition WB9 Addenda 1361-1 Code Case _____

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	6603	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0145790-5
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____
4. Identification of System 047 Control Rod Drive Line No. 10-5299-18-23
5. (a) Applicable Construction Code ASME III 1974 Edition, W75 Addenda N207, 1361-2 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)
C.R.D.	General Electric Co.	A6270	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

g. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. K. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Street 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145790-6
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 047: Control Rod Drive Line No. 10-S299-18-39
5. (a) Applicable Construction Code ASME III 1971 Edition, S73 Addenda 1361-2 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)
C.R.D.	General Electric Co.	A2364	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 188 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA 2487 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 MAY 19 94

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

1. Owner <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Date <u>March 11, 1994</u> Sheet <u>1</u> of <u>2</u>
2. Plant <u>Limerick Generating Station</u> Name <u>P.O. Box 2500, Sanatoga, PA 19464-2300</u> Address	Unit <u>LG1</u> Work Order # <u>C0145790-7</u> Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>047 Control Rod Drive</u>	Line No. <u>10-5299-18-51</u>
5. (a) Applicable Construction Code <u>ASME III</u> 19 <u>74</u> Edition <u>W75</u>	Addenda <u>1361-2</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 <u>86</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)
C.R.D.	General Electric Co.	A9029	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. I. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 25 MAY 94, 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.

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

Date 25 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Senatoga, PA 19464-2300 Address
Work Order #C0145790-8
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-26-31

5. (a) Applicable Construction Code ASME III 1974 Edition W75 Addenda 1361-2 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)
C.R.D.	General Electric Co.	AB949	N/A	N/A	N/A	Replacement	Yes
(B) Cap Screws 1" - 8x5-W"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (B) cap screws

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/4 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors at the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19404-2300 Address _____
 Work Order # C0145790-9
 Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
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. 10-S299-30-47

5. (a) Applicable Construction Code ASME III 1968 Edition W69 Addenda 1361-1 Code Case _____

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	6593	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

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Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature] Commissions PA 2487 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #C0145790-10
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-34-47
5. (a) Applicable Construction Code ASME III 1974 Edition W75 Addenda 1381-2 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)
C.R.D.	General Electric Co.	A8592	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

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Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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Paulman J Commissions PA 2497 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145790-11
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 047 Control Rod Drive Line No. 10-S299-38-35

5. (a) Applicable Construction Code ASME III 1968 Edition W69 Addenda 1361-1 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	7329	N/A	N/A	N/A	Replacement	Yes
(B) Cap Screws 1" - 8x5-1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (B) cap screws.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/4 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schindt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

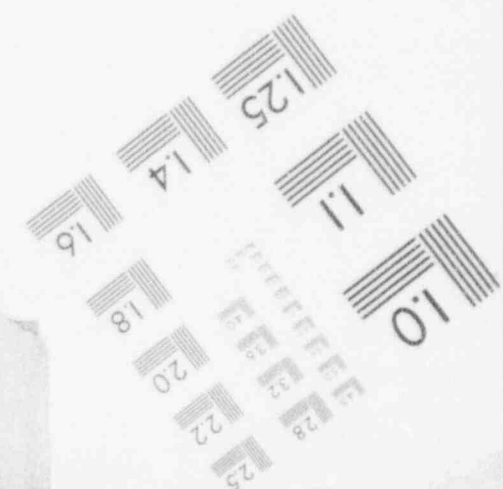
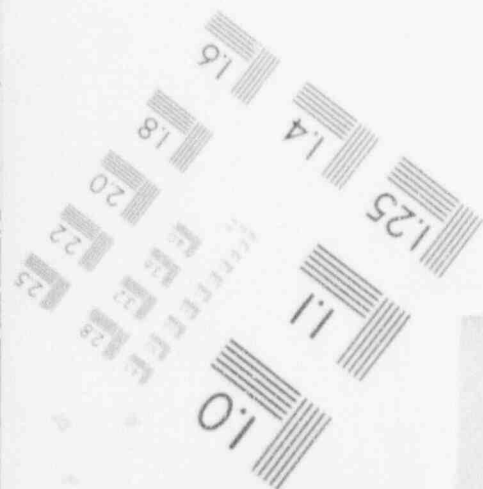
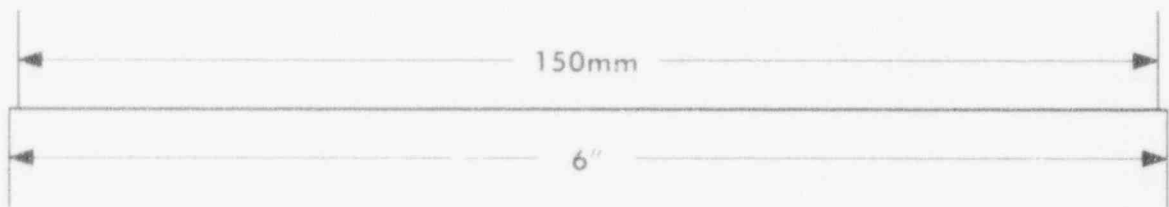
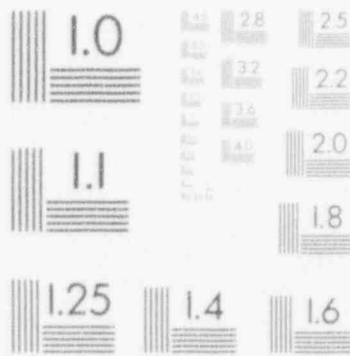
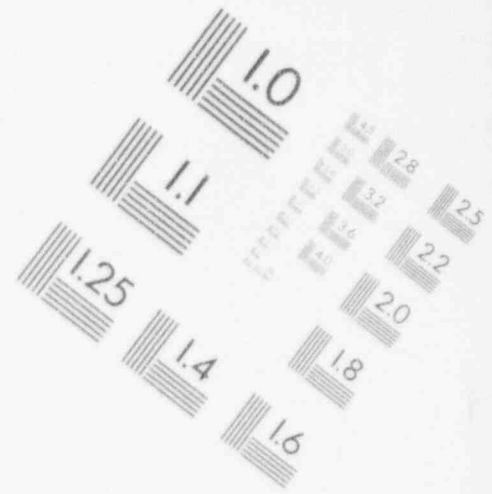
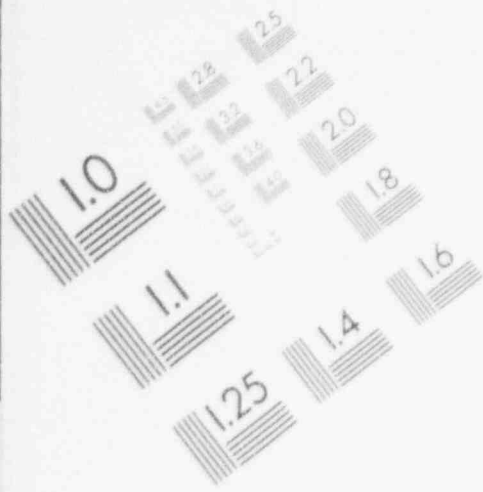
By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

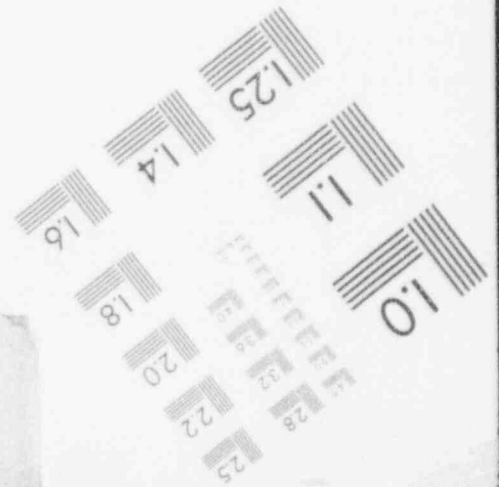
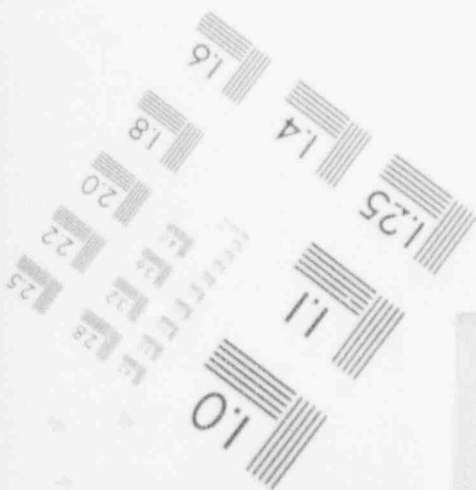
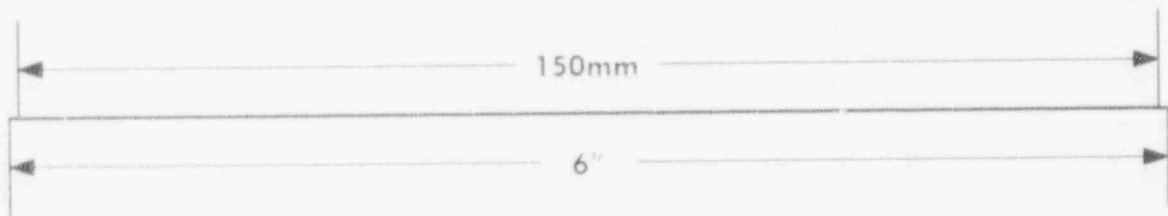
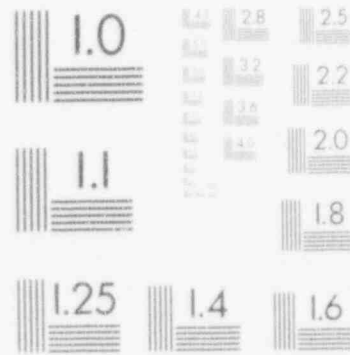
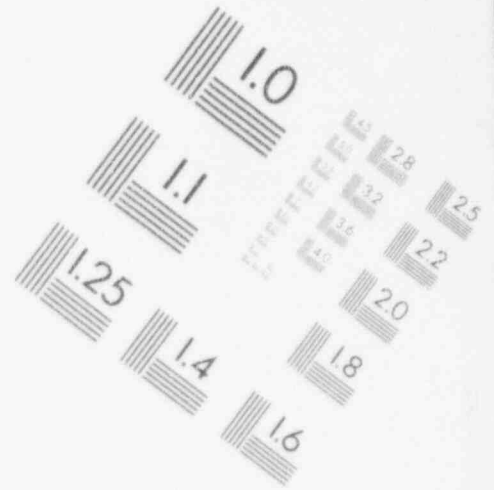
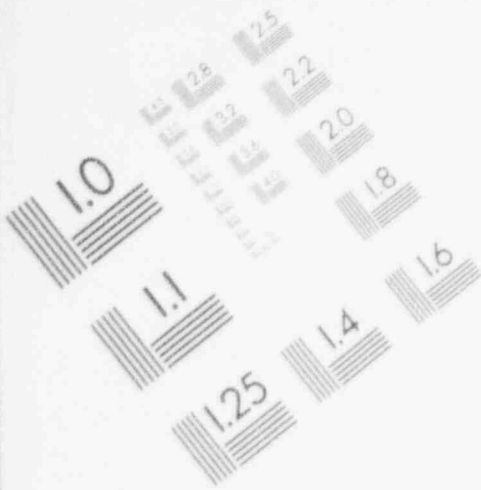
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IMAGE EVALUATION TEST TARGET (MT-3)



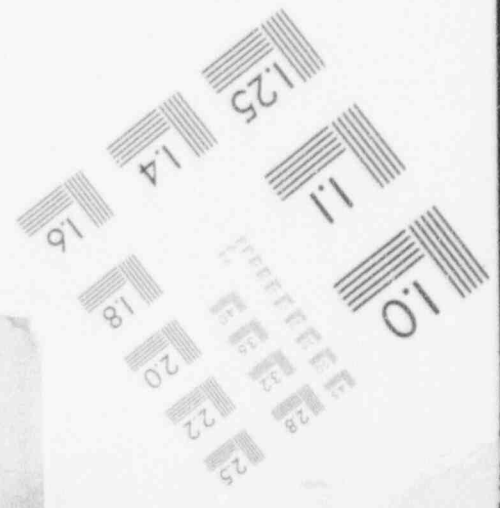
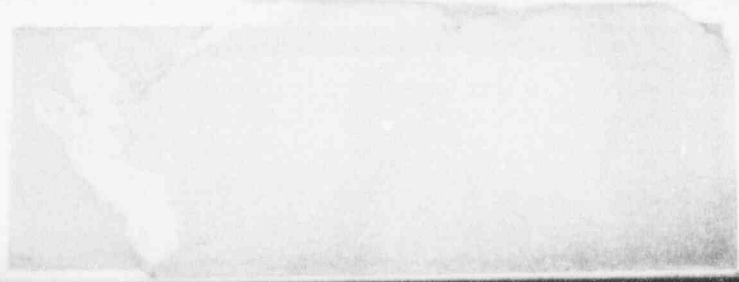
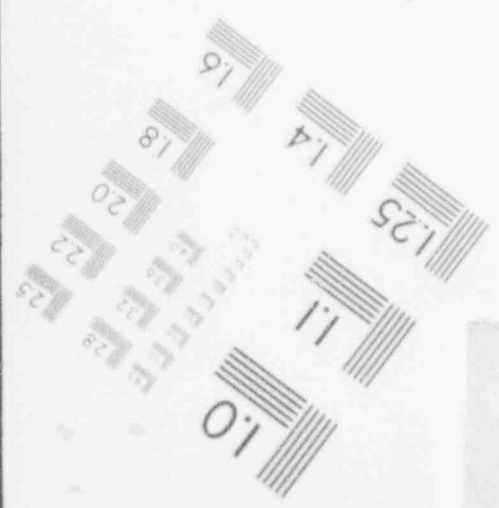
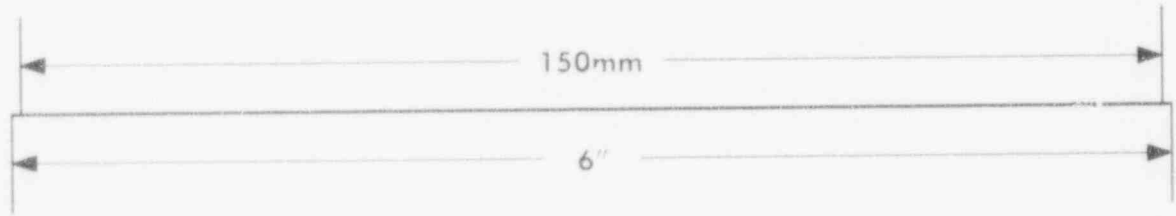
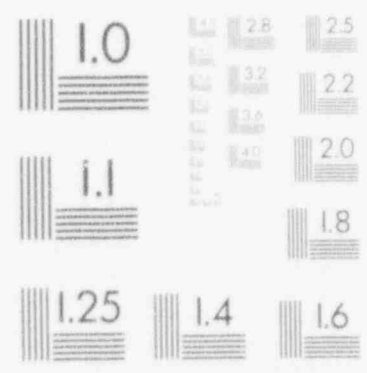
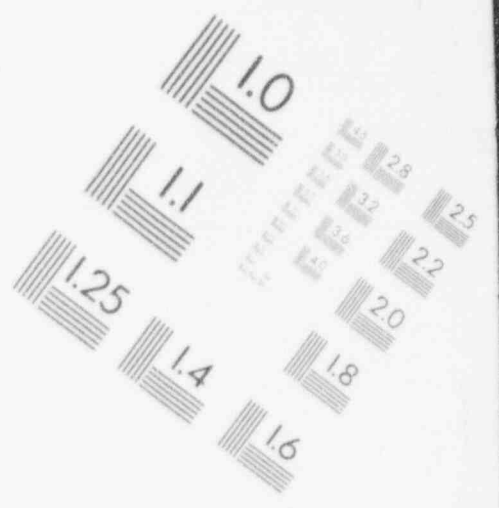
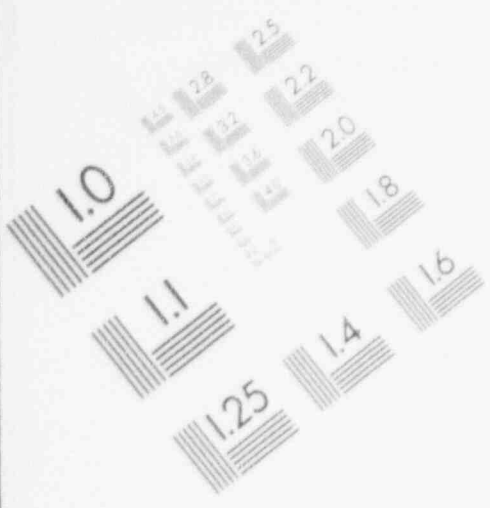
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IMAGE EVALUATION TEST TARGET (MT-3)



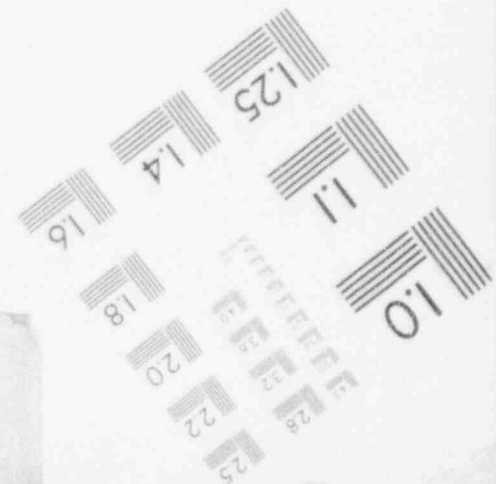
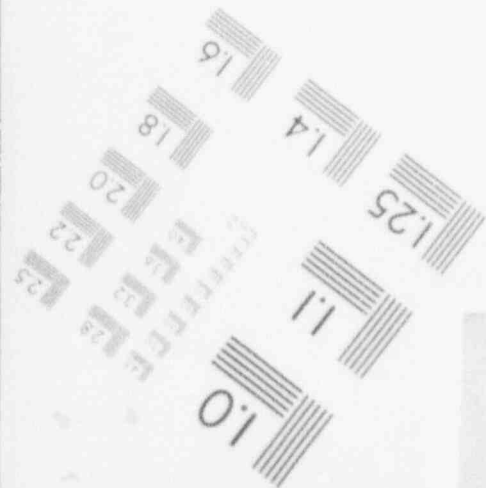
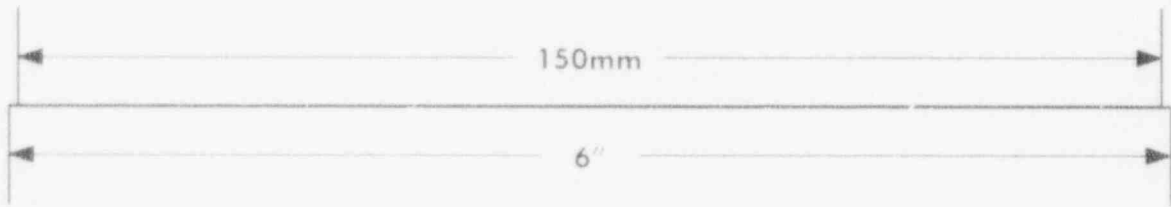
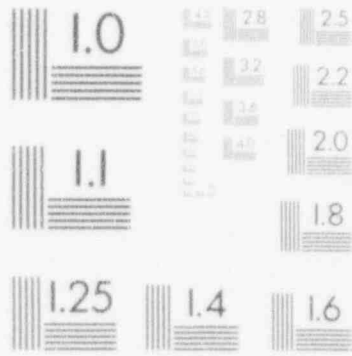
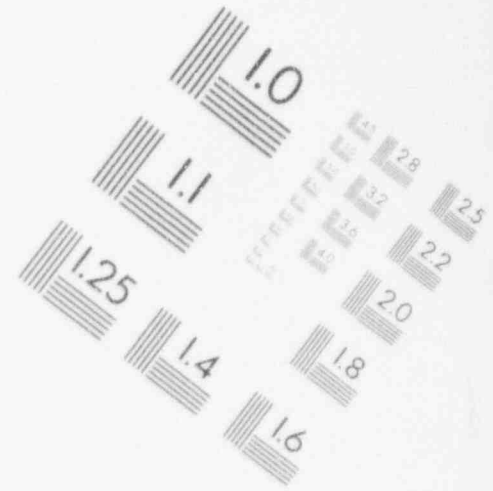
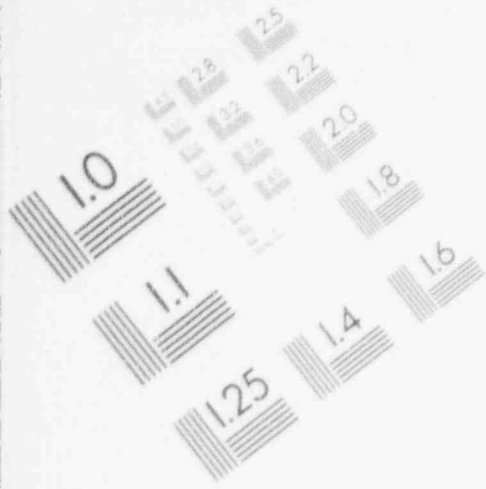
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IMAGE EVALUATION TEST TARGET (MT-3)



1

IMAGE EVALUATION TEST TARGET (MT-3)



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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300
 Address Work Order #C0145790-12
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-38-43

5. (a) Applicable Construction Code ASME III 1974 Edition W75 Addenda 1361-2 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)
C.R.D.	General Electric Co.	A9123	N/A	N/A	N/A	Replacement	Yes
(B) Cap Screws 1" - 8x5-1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (B) cap screws8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address
Work Order #C0145790-13
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-36-47

5. (a) Applicable Construction Code ASME III 1974 Edition W75 Addenda 1361-2 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)
C.R.D.	General Electric Co.	A9024	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145790-14
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 047: Control Rod Drive Line No. 10-S299-42-03

5. (a) Applicable Construction Code ASME III 1968 Edition WB9 Addenda 1361-1 Code Case _____

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	4606	N/A	N/A	N/A	Replacement	Yes

7. Description of Work Replaced Control Rod Drive

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

3. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

 have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Saratoga, PA 19464-2300 Work Order # C0145790-15
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 047: Control Rod Drive Line No. 10-S299-42-15

5. (a) Applicable Construction Code ASME III 1974 Edition W75 Addenda 1361-2 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)
C.R.D.	General Electric Co.	A8785	N/A	N/A	N/A	Replacement	Yes
(8) Cap Screws 1" - 8x5 1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (8) cap screws.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Paul Kennedy
Inspector's Signature

Commissions PA 2497 I&N
National Board, State, Province, and Endorsements

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145790-16
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____
4. Identification of System 047: Control Rod Drive Line No. 10-S299-42-55
5. (a) Applicable Construction Code ASME III 1974 Edition W75 Addenda 1361-2 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)
C.R.D.	General Electric Co.	A9008	N/A	N/A	N/A	Replacement	Yes
(B) Cap Screws 1" - 8x5 1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (B) cap screws.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0145790-17
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 047: Control Rod Drive Line No. 10-S299-50-43
5. (a) Applicable Construction Code ASME III 1974 Edition, W75 Addenda 1361-2 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)
C.R.D.	General Electric Co.	A9011	N/A	N/A	N/A	Replacement	Yes
(8) Cap Screws 1" x 8x5 1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (8) cap screws
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schwiegt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 25 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19454-2300 Address
Work Order #C0145790-18
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
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. 10-S299-54-19
5. (a) Applicable Construction Code ASME III 1974 Edition, W75 Addenda, 1361-2 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)
C.R.D.	General Electric Co.	A8972	N/A	N/A	N/A	Replacement	Yes
(B) Cap Screws 1" - 8x5 1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (B) cap screws8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 1000 psi Test Temp. 168 °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)

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Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

_____ have inspected the components described in this Owner's Report during the period 24 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Address _____
 Work Order # C0145790-19
 Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
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. 10-S299-58-31

5. (a) Applicable Construction Code ASME III 1958 Edition W69 Addenda 1381-1 Code Case _____

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
C.R.D.	General Electric Co.	6130	N/A	N/A	N/A	Replacement	Yes
(1) Cap Screws 1" - 8x5 1/2"	General Electric Co.	Heat No. 99896	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced Control Rod Drive and (1) cap screws.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 24 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company
Name
2301 Market Street, Philadelphia, PA 19101
Address

Date March 11, 1994
Sheet 1 of 2

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

Unit LG1
Work Order # R0265772
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company
Name
2301 Market Street, Philadelphia, PA 19101
Address

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

4. Identification of System 047 CRD Hydraulic

Line No. 10-S999-14-31

5. (a) Applicable Construction Code - 19th Edition, N/A

Addenda N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H606	N/A	10-S999-14-31	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 14-31 with S/N H606.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* 10CFR-50 Appendix A & B
Mfg. Std.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & i. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # R0265772
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 047 CRD Hydraulic Line No. 10-S999-22-23
5. (a) Applicable Construction Code 19 Edition, N/A Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H607	N/A	10-S999-22-23	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 22-23 with S/N H607.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp N/A °F

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

* 10CFR-50 Appendix A & B
Mfg. Std.

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101
Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300
Address Work Order #R0265772
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No N/A
2301 Market Street, Philadelphia, PA 19101 Address N/A
Address Expiration Date N/A

4. Identification of System D47 CRD Hydraulic Line No. 10-S999-22-39

5. (a) Applicable Construction Code * 19th Edition, N/A Addenda N/A Code Case _____

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H603	N/A	10-S999-22-39	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 22-39 with S/N H603.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* 10CFR-50 Appendix A & B
Mfg. Std.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schick Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101
Address
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300
Address
Work Order #R0265772
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
Address
4. Identification of System 047 CRD Hydraulic Line No. 10-S999-30-15
5. (a) Applicable Construction Code 19 Edition, N/A Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H599	N/A	10-S999-30-15	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 30-15 with S/N H599.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp. N/A °F

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

* 10CFR-50 Appendix A & B
Mfg. Std.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3 FEB 94 to 25 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101
Address

2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300
Address Work Order #R0265772
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
Address

4. Identification of System 047 CRD Hydraulic Line No. 10-S999-30-47

5. (a) Applicable Construction Code * 19th Edition, N/A Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H605	N/A	10-S999-30-47	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 30-47 with 5/N H605.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* 10CFR-50 Appendix A & B Mfg. Std.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3 FEB 94 to 25 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101
Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300
Address
Work Order # R0265772
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name
2301 Market Street, Philadelphia, PA 19101
Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System 047 CRD Hydraulic Line No. 10-S999-38-39

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H604	N/A	10-S999-38-39	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 38-39 with S/N H604.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8 1/4 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.

* 10CFR-50 Appendix A & B
Mfg. Std.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Penard
Inspector's Signature

Commissions PA 2497 I&N
National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101
Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300
Address
Work Order #R0265772
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
Address

4. Identification of System 047 CRD Hydraulic Line No. 10-S999-46-31

5. (a) Applicable Construction Code * 19th Edition, N/A Addenda N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Rod Blade	General Electric Co.	H598	N/A	10-S999-46-31	N/A	Replacement	No

7. Description of Work Replaced control rod blade at core location 46-31 with S/N H598.

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

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

* 10CFR-50 Appendix A & B Mfg. Std.

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.R.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Address _____
 Work Order # C0144874-1
 Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System 049: RCIC Line No. DBA-107-1
5. (a) Applicable Construction Code ASME III 1974 Edition W74 Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RCIC System Piping	BCI	DBA-107-1	N/A	DBA-107-1-FW54	N/A	Replacement	Yes

7. Description of Work Performed M.S.I.P. on pipe to FE-049-1N016 weld DBA-107-1-FW54.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Demary Commission # PA 2497 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limenck Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19454-2300 Work Order # C0144874-2
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____
4. Identification of System 049: RCIC Line No. DBA-107-1
5. (a) Applicable Construction Code ASME III 1974 Edition W74 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)
RCIC System Piping	BCI	DBA-107-1	N/A	DBA-107-1-FW4	N/A	Replacement	Yes

7. Description of Work Performed M.S.I.P. on FE-049-1N016 to pipe weld DBA-107-1-FW4.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 15 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145008
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 049 RCIC Line No. SP-HBB-150-E1 HV-049-1F028

5. (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)
2" Coupling PC #24	Capitol Manufacturing	Heat No. 099F	N/A	* 114-90782	N/A	Replacement	No
2"x1" Red. PC #25	Capitol Manufacturing	Heat No. 50C	N/A	* 114-93831	N/A	Replacement	No
2"x1" Red. PC #28	Bonney Forge	Heat No. C255	N/A	* 114-93831	N/A	Replacement	No
2" Coupling PC #29	Capitol Manufacturing	Heat No. 099F	N/A	* 114-90782	N/A	Replacement	No

7. Description of Work Replaced 2" valve 049-1F028 with a 1" valve and replaced adjacent pipe.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (1040psi, RCIC Turbine Inlet)
 Other Pressure 70 psi Test Temp. 75 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached
Piping on downstream side of valve 049-1F028 was pneumatically pressure tested. Piping on upstream side of valve 049-1F028 is open ended,
and was functionally tested during RCIC operation.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 18, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, 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.

 Commissions PA 2487 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 19 MAY 19 94

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

As Required by the Provision of the ASME Code Section XI

1. Owner, PECO Energy Company Date May 9, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19454-2300 Work Order # C0145254
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System 049: RCIC Line No. HBB-145-1 049-1017
5. (a) Applicable Construction Code ASME III 1971 Edition, 5-73 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Disc	Velan	6447	N/A	* 114-33435	1993	Replacement	Yes

7. Description of Work Replaced vacuum breaker disc.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp. N/A °F (ST-4-049-952-1 Vacuum Breaker Test)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kram Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date May 8, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0145313
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____

4. Identification of System 049: RCIC Line No. BBB-145-1 049-1018

5. (a) Applicable Construction Code ASME III 1971 Edition 5-73 N/A _____ Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Disc	Velan	6469	N/A	* 114-33435	1993	Replacement	Yes

7. Description of Work Replaced vacuum breaker disc

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp. N/A °F (BT-4-049-952-1 Vacuum Breaker Test)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Address _____
 Work Order # C0145318
 Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System 049 RCIC Line No. HBB-145-1 049-1F068
5. (a) Applicable Construction Code ASME III 1971 Edition, S-73 Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Disc	Velan	6470	N/A	* 114-33435	1993	Replacement	Yes

7. Description of Work Replaced vacuum breaker disc.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp. N/A °F (ST-4-049-952-1 Vacuum Breaker Test)

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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name
2301 Market Street, Philadelphia, PA 19101
 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300
 Address
Work Order #C0145325
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101
 Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System 049 RCIC Line No. HBB-145-1 049-1F081

5. (a) Applicable Construction Code ASME III 1971 Edition S-73 Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Disc	Velan	6471	N/A	* 114-33435	1993	Replacement	Yes

7. Description of Work replaced vacuum breaker disc

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp. N/A °F (ST-4-049-952-1 Vacuum Breaker Test)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remark: Manufacturers Data Reports are traceable by Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kna Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 18 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0149903
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____
4. Identification of System 049 RCIC Line No. SP-HBB-150-E1 HV-049-1F002
5. (a) Applicable Construction Code ASME III 1974 Edition, S-75 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)
HV-049-1F002	Edwards Valve	46AGD	N/A	* 114-98174	1994	Replacement	Yes
2" Pipe PC #23	Quanex, Inc.	Heat No. 427512	N/A	* 114-90045	N/A	Replacement	No

7. Description of Work Replaced valve and adjacent pipe
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 70 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA 2487 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

1. Owner <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Date <u>May 10, 1994</u> Sheet <u>1 of 2</u>
2. Plant <u>Limerick Generating Station</u> Name <u>P.O. Box 2300, Sanatoga, PA 19464-2300</u> Address	Unit <u>LG1</u> Work Order # <u>C0023205</u> Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>051: RHR</u>	Line No. <u>GBB-105-2 HV-051-1F016B</u>
5. (a) Applicable Construction Code <u>ASME III 1972 Edition, 3-74</u>	Addenda <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>19 85</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)
1/4" NPT Pipe Plug	Capitol Manufacturing	008E	N/A	* 114-79171	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 285 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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Moore Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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 October 28, 1992
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 PECo - WO # C0087647
 Address Repair Organization P.O. No., Job No., etc.

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

4. Identification of System 051 RHR Line No. SP-HBB-117-E3

5. (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)
1 1/2" Dia Pipe	Bechtel	Heat No. JA1252	N/A	N/A	N/A	Repaired	No

7. Description of Work: Mechanically removed gouge per NCR 92-00058

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 10 psi Test Temp. N/A °F

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

FORM NIS-2 (BACK)

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt for Maintenance Engineer Date March 16 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 6-26-92 to 5-3-93 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 3 MAY 19 93

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0142350
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 051: RHR Line No. GBB-107-2 HV-051-1F027B
5. (a) Applicable Construction Code ASME III 1974 Edition 5-74 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)
1/4" NPT Pipe Plug	Capitol Manufacturing	Heat No. 008E	N/A	* 114-79171	N/A	Replacement	No

7. Description of Work Replaced commercial steel leakoff plug with ASME material and seal welded.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 285 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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Keenan Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 1

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Senatoga, PA 19464-2300 Address PECO
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 Addenda, NA Code Case NA
(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)
Clamp	Bergen-Paterson	114-98301	NA	HBB-118-H49	NA	Replacement	No
1 1/2" Stud	Allied Nut & Bolt Company	52869-FC	NA	HBB-118-H49	NA	Replacement	No
1 1/2" Nut	Allied Nut & Bolt Company	Q2293A	NA	HBB-118-H49	NA	Replacement	No

7. Description of Work Replace top portion of clamp for HBB-118-H49 and clamp bolting material.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure VT-3 psi Test Temp. VT-3 °F.

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

FORM NIS-2 (BACK)

9. Remarks Replacements were performed in accordance with ASME Section XI and NCR 94-00044.
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

Signed [Signature] ^{MANGR} CONGRAC SER Date 5/29, 19 94
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. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 12 FEB 94 to 24 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

1. Owner <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Date <u>May 9, 1994</u> Sheet <u>1 of 2</u>
2. Plant <u>Limerick Generating Station</u> Name <u>P.O. Box 2300, Sanatoga, PA 19464-2300</u> Address	Unit <u>LG1</u> Work Order # <u>R0516560</u> Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>051: RHR</u>	Line No. <u>DCA-105-3</u> <u>051-1F077</u>
5. (a) Applicable Construction Code <u>ASME III 1971</u> Edition <u>5-71</u>	Addenda <u>N/A</u> Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/4" NPT Pipe Plug	WFI Nuclear	620TNA	N/A	* 114-79169	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed J. H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0516561
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 051: RHR Line No. DCA-104-4 051-1F060A

5. (a) Applicable Construction Code ASME III 1971 Edition, 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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	WFI Nuclear	620TNA	N/A	* 114-79169	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. K... .. Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19454-2300 Address
Work Order #R0517069
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System 051: RHR Line No. DCA-105-3 HV-051-1F009

5. (a) Applicable Construction Code ASME III 1971 Edition 5-71 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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	WFI Nuclear	620TNA	N/A	* 114-79169	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp. 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # R0517068
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
 Address _____
4. Identification of System 051: RHR Line No. DCA-105-1 HV-051-1F008
5. (a) Applicable Construction Code ASME III 1971 Edition, 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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/8" NPT Pipe Plug	WFI Nuclear	620TNA	N/A	* 114-79169	N/A	Replacement	No

7. Description of Work Replaced commercial steel leakoff plug with ASME material and seal welded.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1000 psi Test Temp 168 °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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kramer Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date March 14, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 4
2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address PECO MOD 6147-1 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ASME Sec.III 1974 Edition, Winter 1974 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)
18" x 6" Weldolet	WFI Nuclear Products	HT#599VNF	NA	GBB-118-3	NA	Replacement	No
6" Pipe	U.S.Steel	XO5937	NA	GBB-118-3	NA	Replacement	No
6" 45° Elbow	Ladish	BX6J	NA	GBB-118-3	NA	Replacement	No
6" Pipe	U.S.Steel	XO5937	NA	GBB-118-3	NA	Replacement	No
6" Gate Valve	Borg Warner	48907	NA	051-1178	1979	Replacement	Yes

7. Description of Work Cross connection between RHR and Fire Protection Systems

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 74 °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.

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

1. Owner PECO Energy Company Date March 14, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 2 of 4

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19461-2300 Address PECO MOD 6147-1 Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec.III 19 74 Edition, Winter 1974 Addenda, N/A Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6" Pipe	U.S.Steel	XO5937	NA	GBB-118-3	NA	Replacement	No
6" Check Valve	Anchor Darling	E6318-67-9	NA	051-1177	1979	Replacement	Yes
6" Pipe	U.S.Steel	XO5937	NA	GBB-118-3	NA	Replacement	No
3/4" Half Coupling	Bonney Forge	DB14	NA	GBB-118-3	NA	Replacement	No

7. Description of Work Cross connection between RHR and Fire Protection Systems

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 74 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date March 14, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 3 of 4

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address PECO MOD 6147-1 Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
GBB-118-HB3							
6x6x3/8 Tube	Welder Tube Co.	D42784	NA	A-500	NA	Replacement	No
3x3x3/8 Angle	Roanoke Elec. Steel	K6641	NA	A-36	NA	Replacement	No
4x4x3/8 Angle	NW Steel & Wire Co.	85243	NA	A-36	NA	Replacement	No
6" U-Bolt	Bergen-Paterson	114-93237	NA	LS386535-14B	NA	Replacement	No
3/4 x 18 x 18" PI	Lukens	B8878	NA	A-36	NA	Replacement	No
1/4 x 7 x 7" PI	Lukens	A4114	NA	A-36	NA	Replacement	No

7. Description of Work Cross connection between RHR and Fire Protection Systems

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 74 °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 Replacements were performed in accordance with ASME Section XI.
Applicable Manufacturer's Data Reports to be attached
MDCP 6147-1 and ECR LG-93-03422.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] ^{MAINTENANCE CONTRACT SERVIC.} for Maintenance Engineer Date 3/29, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 8-13-93 to 3-31-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 31 MAR 19 94

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

1. Owner PECO Energy Company Date April 20, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 7
 Address

2. Plant Limerick Generating Station Unit 1
 Name
P.O. Box 2300, Saratoga, PA 19464-2300 PECO Mod 6227-1
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
 Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Tube Bundle "A"	Amer Industrial Technologies, Inc.	331-6-1	177	1AE205	1994	Replacement	Yes
Shell "A"	"	331-7-1	178	1AE205	1994	Replacement	Yes
Tube Bundle "B"	"	331-6-2	179	1BE205	1994	Replacement	Yes
Shell "B"	"	331-9-1	180	1BE205	1994	Replacement	Yes
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7. Description of Work RHR Heat Exchanger Replacement

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 20, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 2 of 7
Address

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Senatoga, PA 19464-2300 PECO Mod 6227-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
GBB-102-1	Bechtel	-----	-----	W2501	1994	Replacement	No
GBB-102-1	Bechtel	-----	-----	W2502	1994	Replacement	No
GBB-102-2	Bechtel	-----	-----	W2201	1994	Replacement	No
GBB-102-2	Bechtel	-----	-----	W2202	1994	Replacement	No
GBB-117-1	Bechtel	-----	-----	W1801R1	1994	Replacement	No

7. Description of Work RHR Heat Exchanger Replacement

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 72 °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.

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

1. Owner PECO Energy Company Date April 20, 1994
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 3 of 7
Address

2. Plant Limerick Generating Station Unit 1
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 PECO Mod 6227-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name

2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
GBB-117-1	Bechtel	-----	-----	W1802	1994	Replacement	No
GBB-117-2	Bechtel	-----	-----	W1601	1994	Replacement	No
GBB-117-2	Bechtel	-----	-----	W1602	1994	Replacement	No
SP-GBB-117-1E	Bechtel	-----	-----	W901	1994	Replacement	No
SP-GBB-117-E4	Bechtel	-----	-----	W501	1994	Replacement	No

7. Description of Work RHR Heat Exchanger Replacement

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 20, 1994
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 4 of 7
Address

2. Plant Limerick Generating Station Unit 1
Name

P.O. Box 2300, Sanatoga, PA 19464-2300 PECO Mod 6227-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name

2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
SP-GBB-117-E4	Bechtel	-----	-----	W502	1994	Replacement	No
SP-GBB-117-E4	Bechtel	-----	-----	W503	1994	Replacement	No
SP-GBB-117-2E	Bechtel	-----	-----	W1201	1994	Replacement	No
SP-GBB-117-E1	Bechtel	-----	-----	W601	1994	Replacement	No
SP-GBB-117-E1	Bechtel	-----	-----	W602	1994	Replacement	No

7. Description of Work RHR Heat Exchanger Replacement

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 20, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 5 of 7
Address
2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 PECO Mod 6227-1
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ASME Sec.III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SP-GBB-117-E1	Bechtel	-----	-----	W603	1994	Replacement	No
2" ϕ Half Coupling	Colonial	AFG	-----	GBB-117-1	---	Replacement	No
2" ϕ Half Coupling	Colonial	AFG	-----	GBB-117-2	---	Replacement	No
2" ϕ Pipe	Quanex Corporation	291532	-----	GBB-117-1	---	Replacement	No
2" ϕ Pipe	Quanex Corporation	291532	-----	GBB-117-2	---	Replacement	No

7. Description of Work RHR Heat Exchanger Replacement

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 20, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 6 of 7
2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address PECO Mod 6227-1
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ASME Sec. III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" ϕ Gate Valve	Anchor Darling	E3265-167-1	-----	GBB-117-1	1993	Replacement	Yes
2" ϕ Gate Valve	Anchor Darling	E3265-167-2	-----	GBB-117-2	1993	Replacement	Yes
2" ϕ Globe Valve	Rockwell International	WA888	-----	GBB-117-1	1978	Replacement	Yes
2" ϕ Globe Valve	Rockwell International	WA896	-----	GBB-117-2	1978	Replacement	Yes
-----	-----	-----	-----	-----	-----	-----	-----

7. Description of Work RHR Heat Exchanger Replacement

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 580 psi Test Temp. 72 °F.

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

FORM NIS-2 (BACK)

9. Remarks NOTE: Tube bundles & shells built to ASME B-PV Code, Section III, Division 1, Class 2, 1989 Edition, no
Applicable Manufacturer's Data Reports to be attached
addenda, 10 CF2 21 applied. Replacements were performed in accordance with ASME Section XI, MDCP 6227-1
and ECR LG-93-01600, 93-01B70, 93-01448, 93-03586, 93-03603, 93-04101, 94-04414, 94-04610,
94-04724, 94-04968, 94-04978, 94-05002, 94-05074, 94-05155, 94-05311, & 94-05313.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] OWNER for Maintenance Engineer OWNER SERV Date 5/11, 19 99
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 FEB 94 to 31 MAY 94, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.

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

Date 31 MAY 19 94

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

1. Owner PECO Energy Company Date April 28, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 7

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address PECO Mod 6240-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec.III 19 74 Edition, Winter 1974 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
14"φ Pipe Cap	Custom Alloy Corp.	8838A	----	GBB-103-2 Item 2	----	Replacement	No
14"φ Pipe Cap	Custom Alloy Corp.	8838A	----	GBB-103-3 Item 2	----	Replacement	No
3/4" Pipe Cap	Capitol Mfg. Company	097D	----	SP-GBB-123-E7 Sht.1 Item 25	----	Replacement	No
3/4" Pipe Cap	Capitol Mfg. Company	097D	----	SP-GBB-123-E8 Sht. 1 Item 25	----	Replacement	No
4"φ Blind Flange	Coffer Corp.	BGRD	----	HBB-104-1 Item 1	----	Replacement	No

7. Description of Work Elimination of RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 28, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 2 of 7

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sandover, PA 19464-2300 Address PECO Mod 6240-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
6" ϕ Blind Flange	Coffer Corp.	BGRD	----	HBB-139-1 Item 2	----	Replacement	No
----	----	----	----	----	----	-----	--
----	----	----	----	----	----	-----	--
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----	----	----	----	----	----	-----	--

7. Description of Work Elimination of RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 28, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 3 of 7

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address PECO Mod 6240-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
GBB-103-H2	Bergen-Paterson	39781	NA	Strut	NA	Replacement	No
GBB-103-H3	Bergen-Paterson	39784	NA	Strut	NA	Replacement	No
GBB-103-H3	Bergen-Paterson	39778	NA	Strut	NA	Replacement	No
GBB-103-H5	Bergen-Paterson	39779	NA	Strut	NA	Replacement	No
GBB-103-H7	Bergen-Paterson	40150	NA	Strut	NA	Replacement	No

7. Description of Work Elimination of RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure psi Test Temp. °F.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 28, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 4 of 7
Address

2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 PECO Mod 6240-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
GBB-103-H9	Bergen-Paterson	39762	NA	Strut	NA	Replacement	No
GBB-103-H9	Bergen-Paterson	39766	NA	Strut	NA	Replacement	No
SP-GBB-103-2F-H3	Bergen-Paterson	39807	NA	Strut	NA	Replacement	No
SP-GBB-103-2F-H4	Bergen-Paterson	39809	NA	Strut	NA	Replacement	No
GBB-116-H35	Bergen-Paterson	40146	NA	Strut	NA	Replacement	No

7. Description of Work, Elimination of RHR steam condensing mode.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date April 28, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 5 of 7
2. Plant Limerick Generating Station Unit 1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address PECO Mod 6240-1
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Winter 1974 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)
EBB-121-H40	Bergen-Paterson	39883	NA	Strut	NA	Replacement	No
HBB-104-H4	Bergen-Paterson	40143	NA	Strut	NA	Replacement	No
HBB-104-H23	Bergen-Paterson	39776	NA	Strut	NA	Replacement	No
HBB-104-H23	Bergen-Paterson	39773	NA	Strut	NA	Replacement	No
HBB-104-H27	Bergen-Paterson	39768	NA	Strut	NA	Replacement	No
HBB-104-H28	Bergen-Paterson	40142	NA	Strut	NA	Replacement	No

7. Description of Work _____

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure _____ psi Test Temp. _____ °F.

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

(12/82)

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

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

1. Owner PECO Energy Company Date April 28, 1994
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 6 of 7
Address

2. Plant Limerick Generating Station Unit 1
Name

P.O. Box 2300, Sanetoga, PA 19464-2300 PECO Mod 6240-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name

2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME Sec.III 1974 Edition, Winter 1974 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)
HBB-104-H21	Bergen-Paterson	39764	NA	Strut	NA	Replacemer..	No
GBB-109-H22	Bergen-Paterson	40144	NA	Strut	NA	Replacement	No
GBB-103-H13	Bergen-Paterson	39782	NA	Strut	NA	Replacement	No
GBB-103-H13	Bergen-Paterson	39785	NA	Strut	NA	Replacement	No
EBB-121-H41	Bergen-Paterson	39780	NA	Strut	NA	Replacement	No
GBB-116-H44	Bergen-Paterson	40145	NA	Strut	NA	Replacement	No

7. Description of Work Elimination of RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure _____ psi Test Temp. _____ °F.

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

FORM NIS-2 (BACK)

9. Remarks Replacements were performed in accordance with ASME Section XI, MDCP 6240-1 and ECR 93-02750, Applicable Manufacturer's Data Reports to be attached 93-02894, & 93-03561. The following Iso's have been abandoned in place per MDCP 6240-1: GBB-103-3 (south of FW-102), EBB-121-4, GBB-103-2 (south of FW-101), EBB-121-3, HBB-139-1 (north of M-1 Mech.Jt.) SP-GBB-123-E8 (abandoned/removed), SP-GBB-123-E7 (abandoned/removed).

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] for Maintenance Engineer Date 5/17 19 94
 Owner or Owner's Designee, Title MECH. CONTRACT SERV.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9 NOV 93 to 26 MAY 94 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 [Signature] Commissions PA-2497 I&N
 National Board, State, Province, and Endorsements
 Date 26 MAY 19 94

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

1. Owner PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 6

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Address AR # A0777216, MCD 6240-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System High pressure coolant injection

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 & Code Case N-416
*See Specification 8031-P-360, Rev. 13.

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)
EBB-108-1 Sht 1 IDCN A	Tioga Pipe	L62641	N/A	(Pipe) W2101-W2102	N/A	Replacement	No
EBB-108-1 Sht 1 IDCN A	Tioga Pipe	L62361	N/A	(Pipe) W2103-W2104	N/A	Replacement	No
----	----	----	----	----	--	-----	--
----	----	----	----	----	--	-----	--
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7. Description of Work Installed new piping to eliminate RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 920psi Test Temp. 490°F.(invoked code case N-416)

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

1. Owner PECO Energy Company Date May 24, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 2 of 6
 Address
2. Plant Limerick Generating Station Unit One
 Name
P.O. Box 2300, Senatoga, PA 19464-2300 AR # A0777216, MOD 6240-1
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
 Address Expiration Date NA
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
 *See Specification B031-P-360, Rev. 13.
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)
HBB-140-1 Sht 1 IDCN A	N/A	N/A	N/A	(VALVE) PSV- 1F055A	N/A	Replaced	No
HBB-140-1 Sht 1 IDCN A	Tioga Pipe	EA13	N/A	(FLG) M1	N/A	Replacement	No
HBB-140-2 Sht 1 IDCN A	N/A	N/A	N/A	(VALVE) PSV-1F055B	N/A	Replaced	No
HBB-140-2 Sht 1 IDCN A	Tioga Pipe	N/A	N/A	(FLG) M63	N/A	Replacement	No
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7. Description of Work Removed valves and installed pipe flanges to eliminate RHR steam condensing mode.
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 69 psi Test Temp. Ambient °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date May 24, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 3 of 6
 Address

2. Plant Limerick Generating Station Unit One
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 AR # A0777216, MOD 6240-1
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
 Address Expiration Date NA

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code 19 Edition, 86 Addenda, 13 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
 *See Specification 8031-P-360, Rev. 13.

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)
HBB-160-1 Sht 1 IDCN A	N/A	N/A	N/A	(VALVE) PSV-101A	N/A	Replaced	No
HBB-160-1 Sht 1 IDCN A	Tioga Pipe	EA13	N/A	(FLG) M50	N/A	Replacement	No
HBB-160-1 Sht 1 IDCN A	N/A	N/A	N/A	(VALVE) PSV-101B	N/A	Replaced	No
HBB-160-1 Sht 1 IDCN A	Tioga Pipe	EA13	N/A	(FLG) M52	N/A	Replacement	No
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7. Description of Work Removed valves and installed pipe flanges to eliminate RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 580 psi Test Temp. 72 °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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date May 24, 1994
Name _____

2301 Market Street, Philadelphia, PA 19101 Sheet 4 of 6
Address _____

2. Plant Limerick Generating Station Unit One
Name _____

P.O. Box 2300, Seneca, PA 19464-2300 AR # A0777216, MOD 6240-1
Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name _____

2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address _____ Expiration Date NA

4. Identification of System Residual Heat Removal System

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
*See Specification 8031-P-360, Rev. 13.

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)
GBB-102-1 Sht 1 IDCN A	Tioga Pipe	EA13	N/A	(FLG) W61	N/A	Replacement	No
GBB-102-2 Sht 1 IDCN A	Tioga Pipe	EA13	N/A	(FLG) GBB-102-2-B	N/A	Replacement	No
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7. Description of Work Removed valves and installed pipe cap to eliminate RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 69 psi Test Temp. Ambient°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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 5 of 6
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 AR # A0777216, MOD 6240-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System Residual Heat Removal System

5. (a) Applicable Construction Code 19 * Edition, 1986 * Addenda, 1 * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*See Specification 8031-P-360, Rev. 13.

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)
HBB-160-1 Sht 1 IDCN A	N/A	N/A	N/A	(VALVE) MO-130	N/A	Replaced	No
HBB-160-1 Sht 1 IDCN A	Dubose Nat. Energy	LK4TB	N/A	(CAP) W1702	N/A	Replacement	No
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7. Description of Work Removed valves and installed pipe cap to eliminate RHR steam condensing mode.

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 69 psi Test Temp. Ambient °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.

Sheet 6 of 6
MOD # ~~6240-1~~ 6240-1 MTA
5/20/94

FORM NIS-2 (BACK)

9. Remarks Replacement was performed in accordance with ASME Section XI, MDCP 6240-1, Revision 0, and
Applicable Manufacturer's Data Reports to be attached
ECR's 93-02217, 93-02749, 93-03338 and 93-03561. AR# A0777216 invoked code case N-416 for pressure test for HPCI
line EBB-108-1. Line HBB-160-1 abandoned piping and supports in place from valve MO-131 to flanges M51 and M53.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed [Signature] ^{OWNER} OWNER SERV. Date 5/20, 19 94
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.P.I. & I. Company of
Hartford, CT have inspected the components described
in this Owner's Report during the period 5 NOV 93 to 24 MAY 94, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.

[Signature] Commissions PA-2497 I&N
Inspector's Signature National Board, State, Province, and Endorsements
Date 24 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0081237
 Address _____ Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A

4. Identification of System 052: Core Spray Line No. GBB-113-2 052-1F003A

5. (a) Applicable Construction Code ASME III 1971 Edition 5-71 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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	WFI Nuclear	Heat No. 337TNR	N/A	* 114-79168	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 281 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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kwon Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date May 10, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0518429
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
4. Identification of System 052 Core Spray Line No. SP-EBB-132-E1 052-1F030A
5. (a) Applicable Construction Code ASME III 1974 Edition, S75 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)
2" Valve 052-1F030A	Edwards Valve	62AGC	N/A	* 114-98110	1994	Replacement	Yes
2" Pipe PC #6	U.S. Steel	Heat No. N87044	N/A	* 114-90039	N/A	Replacement	No

7. Description of Work Replaced 2" valve and adjacent pipe
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (Code Case N-418 Invoked)
 Other Pressure 267 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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Khan Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Kenard Jr. Commissions PA 2487 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date May 8, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address _____
2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0133001
 Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address _____ Expiration Date N/A
 Address _____
4. Identification of System 055: HPCI Line No. HBB-110-1 HV-055-1F004
5. (a) Applicable Construction Code ASME III 1971 Edition 5-71 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 Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NPT Pipe Plug	WFI Nuclear	Heat No. 337TNR	N/A	* 114-79158	N/A	Replacement	No

7. Description of Work Replaced commercial steel leakoff plug with ASME material and seal welded.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 34.75 Feet Water 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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kram Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Kram
Inspector's Signature

Commissions PA 2497 I&N
National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date May 9, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #R0471857
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 055: HPCI Safeguard Fill Line No. SP-EBB-129-E7 055-1048
5. (a) Applicable Construction Code ASME III 1977 Edition N/A Addenda N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1½" Valve 055-1048	Edwards Valves	BH104	N/A	* 114-93541	1982	Replacement	Yes
1½" Pipe PC#28	Quanex, Inc.	Heat No. 73127	N/A	* 114-90038	N/A	Replacement	No

7. Description of Work Replaced 1½" check valve and adjacent pipe

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 190 psi Test Temp. 72 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kusa Engineer Date MAY 16, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 19 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Sheet 1 of 2

2. Plant Limerick Generating Station Unit LG1
 Name _____
P.O. Box 2300, Sanatoga, PA 19464-2300 Address _____
 Work Order # C0145955
 Repair Organization P.O. No., Job No., etc. _____

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name _____
2301 Market Street, Philadelphia, PA 19101 Address _____
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System 056 HPCI Pump/Turbine Line No. 10-P204

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Rotating Element	BW/IP International	701-S-0832	N/A	N/A	1993	Replacement	No

7. Description of Work Replaced booster pump rotating element with 5 vane impeller.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1040 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.

* 1968 Draft Pump & Valve Code, March 1970 Addenda

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

_____ have inspected the components described in this Owner's Report during the period 6 FEB 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Lennox Commissions PA 2497 IRN
Inspector's Signature National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
Address
2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0146476
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Address Expiration Date N/A
4. Identification of System 056 HPCI Pump/Turbine Line No. SP-GBB-122-E1 PCV-056-1F035
5. (a) Applicable Construction Code ASME III 1974 Edition, W76 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)
(6) 5/16" x 1-1/2" bolts	Target Rock	Heat No. 37894	N/A	* 114-77686	1992	Replacement	No
Flange	Target Rock	S/N 4	N/A	* 114-77685	1992	Replacement	No

7. Description of Work Replaced valve internals due to ASME parts reclassification on valve PCV-056-1F035.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 63 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.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks 1. Manufacturer's Data Report is traceable to the W/O Package.
Applicable Manufacturer's Data Reports to be attached
2. Reference NCR LG-93-0301

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D. L. Schmitt Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 6 OCT 93 to 5-24-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 24 MAY 19 94

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

<p>1. Owner <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address</p> <p>2. Plant <u>Limerick Generating Station</u> Name <u>P.O. Box 2300, Sanatoga, PA 19464-2300</u> Address</p> <p>3. Work Performed by <u>PECO Energy Company</u> Name <u>2301 Market Street, Philadelphia, PA 19101</u> Address</p> <p>4. Identification of System <u>057: Containment Atmospheric Control</u></p> <p>5. (a) Applicable Construction Code <u>ASME III 1974</u> Edition <u>S75</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u></p>	<p>Date <u>May 9, 1994</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>Unit <u>LG1</u></p> <p>Work Order # <u>C0149648</u> Repair Organization P.O. No., Job No., etc.</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization No <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Line No. <u>SP-HBB-126-E1 HV-057-105</u></p> <p>Addenda <u>N/A</u> Code Case</p>
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6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" Valve HV-057-105	Edwards Valve	43AGD	N/A	* 114-87047	1994	Replacement	Yes
2" Pipe PC #907	Quanex, Inc.	Heat No. 291532	N/A	* 114-90045	N/A	Replacement	No
2" Elbow PC #908	Capitol Manufacturing	Heat Code R23S	N/A	* 114-90818	N/A	Replacement	No
2" Pipe PC #909	Quanex, Inc.	Heat No. 291532	N/A	* 114-90045	N/A	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure 104 psi Test Temp. N/A °F

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

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James H. Kwan Engineer Date MAY 17, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period July 9, 1992 to March 11, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 1994

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

1. Owner <u>PECO Energy Company</u> <p align="center">Name</p> <u>2301 Market Street, Philadelphia, PA 19101</u> <p align="center">Address</p>	Date <u>March 11, 1994</u> Sheet <u>1</u> of <u>2</u>
2. Plant <u>Limerick Generating Station</u> <p align="center">Name</p> <u>P.O. Box 2300, Sanatoga, PA 19464-2300</u> <p align="center">Address</p>	Unit <u>LG1</u> Work Order # <u>C0151700</u> Repair Organization P.O. No., Job No., etc.
3. Work Performed by <u>PECO Energy Company</u> <p align="center">Name</p> <u>2301 Market Street, Philadelphia, PA 19101</u> <p align="center">Address</p>	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>060 Primary Containment Leak Testing</u>	Line No. <u>N/A</u>
5. (a) Applicable Construction Code <u>ASME III 1977</u> Edition, <u>W76</u>	Addenda <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</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)
Access Ladder	PECO	N/A	N/A	N/A	1994	Replacement	No

7. Description of Work Fabricate and install access ladder on drywell head

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

* Traceability per PECO Part Code Number

FORM NIS-2 (BACK)

9. Remarks Installation per 1986 Edition of ASME Section III, NE-4435 and ECR 94-05267.
Applicable Manufacturer's Data Reports to be attached
Pressure test deferred to 1R06 per Code Case N 236-1.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Engineer Date March 11 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

have inspected the components described in this Owner's Report during the period 3-4-94 to 5-23-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 23 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
 Address
2. Plant Limerick Generating Station Unit LG1
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order # C0143598
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
 Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 103/041: Nuclear Boiler Line No. DLA-108-1
5. (a) Applicable Construction Code ASME III 1977 Edition, S79 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)
PSA-35 Mech. Snubber	Pacific Scientific	766	N/A	Part No. 1801112-09	1981	Replacement	Yes

7. Description of Work Replaced snubber on support DLA-108-H009
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 19 JAN 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
Address

2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0143628
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
Address

4. Identification of System 103/043 Recirculation Line No. SP-DCA-113-E1

5. (a) Applicable Construction Code ASME III 1977 Edition S79 Addenda N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(1) Load Pin 3/8"x2-3/8"	Bergen Patterson	N/A	N/A	P.O. No. LS386535-1	N/A	Replacement	No

7. Description of Work Replaced (1) load pin on support DCA-113-E01-H005

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmitt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 19 JAN 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions PA 2407 I&N
Inspector's Signature National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date March 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 2
Address

2. Plant Limerick Generating Station Unit LG1
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 Work Order #C0143620
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
2301 Market Street, Philadelphia, PA 19101 Expiration Date N/A
Address

4. Identification of System 103/044: RWCU Line No. SP-DCA-101-E3

5. (a) Applicable Construction Code ASME III 1977 Edition S79 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)
PSA-1/2 Mech. Snubber	Pacific Scientific	16528	N/A	Part No. 1801104-07	1982	Replacement	Yes
(1) Load Pin 3/8"x2-3/8"	Bergen Patterson	N/A	N/A	P.O. No. LS386535-1	N/A	Replacement	No

7. Description of Work Replaced snubber and (1) load pin on support DCA-101-E03-H002

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

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

FORM NIS-2 (BACK)

9. Remarks Manufacturers Data Report is traceable to the Work Order Package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed D.L. Schmidt Engineer Date March 11, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 19 JAN 94 to 25 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Paul Herman

Inspector's Signature

Commissions PA 2497 I&N
National Board, State, Province, and Endorsements

Date 25 MAY 19 94

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 1 of 15
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
Address

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
***SEE SPECIFICATION 8031-P-360, REV. 13**

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)
APE-IMS-H1 SHT 1	PSA	08765	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H2 SHT 1	PSA	08751	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H4 SHT 1	PSA	09343	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H7 SHT 1	PSA	06687	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H8 SHT 1	PSA	06676	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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 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.

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

1. Owner PECO Energy Company Date May 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 2 of 15
 Address

2. Plant Limerick Generating Station Unit One
 Name
P.O. Box 2300, Seneca, PA 19464-2300 A/R # A0737584, MOD #6140-1
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
 Name
 Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
 Address

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION 8031-P-360, REV. 13

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)
GBC-101-H67 SHT 1	PSA	07863	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H68 SHT 1	PSA	07883	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H72 SHT 1	PSA	07419	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H73 SHT 1	PSA	07418	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H89 SHT 1	PSA	07874	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 3 of 15
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
Address
4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.
5. (a) Applicable Construction Code * 19 * Edition, * Addenda * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION 8031-P-360, REV. 13
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)
GBC-101-H90 SHT 1	PSA	07427	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H109 SHT 1	PSA	06381	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H134 SHT 1	PSA	07881	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H159 SHT 1	PSA	07432	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H160 SHT 1	PSA	06373	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.
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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 4 of 15
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
Address
4. Identification of System: 103: Snubbers/Main Steam, Reactor Recirc.
5. (a) Applicable Construction Code * 19 * Edition, * NA Addenda, * NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
***SEE SPECIFICATION B031-P-360, REV. 13**
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)
GBC-101-H161 SHT 1	PSA	06389	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H166 SHT 1	PSA	06713	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H178 SHT 1	PSA	07593	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H179 SHT 1	PSA	07794	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H180 SHT 1	PSA	06658	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.
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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 5 of 15
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION 8031-P-360, REV. 13

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)
GBC-101-H181 SHT 1	PSA	06689	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H182 SHT 1	PSA	07787	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-135-J2 SHT2, H2	PSA	26300	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-135-J2 SHT2, H5	PSA	26303	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-137-J2 SHT1, H1	PSA	11985	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 6 of 15

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senetoga, PA 19464-2300 Address A/R # A0737584, MOD #6140-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Address Expiration Date NA

4. Identification of System 103; Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * ADDENDA * Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION B031-P-360, REV. 13

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)
SP-DCA-137 J2 SHT 1, H2	PSA	11987	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DBA-117 E1 SHT 1, H1	PSA	25671	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DBA-117 E2 SHT 1, H2	PSA	20695	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DBA-117 E2 SHT1, H3	PSA	16658	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DBA-117 E1 SHT1, H4	PSA	25789	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 7 of 15
2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanetoga, PA 19464-2300 Address A/R # A0737584, MOD #6140-1 Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Address Expiration Date NA
4. Identification of System 103: Snubbers/Main Steam, Reactor Reirc.
5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION 8031-P-360, REV. 13
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)
APE-IMS-H18 SHT 1	PSA	08773	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H19 SHT 1	PSA	09012	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H20 SHT 1	PSA	06688	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H21 SHT 1	PSA	06674	N/A	Mechanical Snubber	N/A	Replaced	No
APE-IMS-H25 SHT 1	PSA	06717	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.
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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name

2301 Market Street, Philadelphia, PA 19101 Sheet 8 of 15
Address

2. Plant Limerick Generating Station Unit One
Name

P.O. Box 2300, Sanetoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name

2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

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

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

***SEE SPECIFICATION 8031-P-360, REV. 13**

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)
APE-IMS-H26 SHT 1	PSA	06732	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H70 SHT 1	PSA	07850	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H85 SHT 1	PSA	09105	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H86 SHT 1	PSA	06647	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H93 SHT 1	PSA	07852	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 9 of 15
Address
2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanetoga, PA 19464-2300 A/R # A0737594, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
Address
4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.
5. (a) Applicable Construction Code * 19 * Edition, * NA Addenda, * NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION 8031-P-360, REV. 13
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)
GBC-101-H94 SHT 1	PSA	07610	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H99 SHT 1	PSA	07851	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H102 SHT 1	PSA	07595	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H112 SHT 1	PSA	09098	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H113 SHT 1	PSA	07860	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.
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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 10 of 15
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanetoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * NA * Addenda, * NA Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION 8031-P-360, REV. 13

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)
GBC-101-H118 SHT 1	PSA	06363	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H122 SHT 1	PSA	06679	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H123 SHT 1	PSA	09021	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H130 SHT 1	PSA	07880	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H170 SHT 1	PSA	09190	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 11 of 15
 Address

2. Plant Limerick Generating Station Unit One
 Name
P.O. Box 2300, Sanetoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
 Name
 Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
 Address

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 198
*SEE SPECIFICATION 8031-P-360, REV. 13

6. Identification of Components Repaired or Replaced and Replacement Compo

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)
GBC-101-H171 SHT 1	PSA	07587	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H176 SHT 1	PSA	06730	N/A	Mechanical Snubber	N/A	Replaced	No
GBC-101-H177 SHT 1	PSA	07777	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-143 J2 H2, SHT 1	PSA	25738	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-144 J2 H5, SHT 1	PSA	26308	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

B. 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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 12 of 15
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
Address

4. Identification of System 103: Snubbers/Main Steam, Reactor Recirc.

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
***SEE SPECIFICATION 8031-P-360, REV. 13**

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)
SP-DCA-145 J2 SHT1, H4	PSA	15572	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-145 J2 SHT1, H10	PSA	16632	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-146 J2 SHT1, H1	PSA	20646	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-146 J3 SHT1, H11	PSA	20702	N/A	Mechanical Snubber	N/A	Replaced	No
SP-DCA-146 J2 SHT1, H2	PSA	20691	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 13 of 15
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System 103: Snubbers/Main Steam, Reactor/ Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
***SEE SPECIFICATION B031-P-360, REV. 13**

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)
SP-DCA-165 J2 SHT1, H2	PSA	25754	N/A	Mechanical Snubber	N/A	Replaced	No
DBA-106-H3 SHT 1	PSA	07887	N/A	Mechanical Snubber	N/A	Replaced	No
DBA-106-H4 SHT 1	PSA	07786	N/A	Mechanical Snubber	N/A	Replaced	No
DBA-106-H5 SHT 1	PSA	06356	N/A	Mechanical Snubber	N/A	Replaced	No
DBA-106-H8 SHT 1	PSA	07615	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

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

1. Owner PECO Energy Company Date May 11, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 14 of 15
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 A/R # A0737584, MOD #6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System 103; Snubbers/Main Steam, Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
*SEE SPECIFICATION B031-P-360, REV. 13

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)
DBA-106-H9	PSA	06698	N/A	Mechanical Snubber	N/A	Replaced	No

7. Description of Work Modification of piping hanger system in support of the snubber reduction program.

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.

FORM NIS-2 (BACK)

9. Remarks This report is for the deletion of snubbers removed under MOD 6140-1, AR #A0737584 and ECR'S 93-03169, 93-04045, 94-04602, 94-04606, 94-04680, 94-04949, 94-04997, 94-05000, 94-05443, 94-06219, 94-04494, 94-04719, 94-05086, 94-05089, 94-05174, 94-05179, 94-05180, 94-05181, 94-05183, 94-05208, 94-05306

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

Signed [Signature] ^{OWNER} CONTR. SGT Date 5/25, 19 94
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by H.S.B.I. & I. Company of Hartford, CT have inspected the components described in this Owner's Report during the period 9 NOV 93 to 26 MAY 94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 26 MAY 19 94

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

1. Owner PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 1 of 8

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 Address AR# A0670724, MOD 6140-1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA
Expiration Date NA

4. Identification of System System 043 Main Steam/Reactor Circ.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
* See Specification 8031-P-360, Rev. 13

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)
GBC-101-H98 Sht 1	Bechtel TWR OP 16735	66B279	N/A	(PLATE)	N/A	Replacement	NO
GBC-101-H98 Sht 1	Bechtel TWR OP 16735	66B279	N/A	(PLATE)	N/A	Replacement	NO
SP-DCA-117-J5 H5 Sht 1	Interstate Steel	R7388	N/A	(PLATE) Item 5 Top	N/A	Replacement	NO
SP-DCA-117-J5 H5 Sht 1	Interstate Steel	R7388	N/A	(PLATE) Item 5 Bot.	N/A	Replacement	NO
SP-DCA-117-J5 H5 Sht 1	Nova Machine Corp.	P5E	N/A	(NUT) Item 4 Top	N/A	Replacement	NO

7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program

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

1. Owner PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Address Sheet 2 of 8

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 Address AR# A0670724, MOD 6140-1 Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Address Authorization No. NA Expiration Date NA

4. Identification of System System 043 Main Steam/Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
* See Specification 8031-P-360, Rev. 13

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)
SP-DCA-117-J5 H5 Sht 1	Nova Machine Corp.	P5E	N/A	(NUT) Item 5 Bottom	N/A	Replacement	NO
SP-DCA-122-J5 H5 Sht 1	Bergen-Patterson	BP-3401-B-1	N/A	(Spring Can) Item 6	N/A	Replacement	NO
SP-DCA-122-J5 H5 Sht 1	Bergen-Patterson	BP-5130-1/2	N/A	(Eye Nut) Item 5	N/A	Replacement	NO
SP-DCA-135-J2 H11 Sht 2	Interstate Steel	48148	N/A	(Tube Steel) Horz.	N/A	Replacement	NO
SP-DCA-135-J2 H11 Sht 2	Interstate Steel	48148	N/A	(Tube Steel) Vert.	N/A	Replacement	NO

7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program

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.

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

1. Owner PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 3 of 8
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanetoga, PA 19464-2300 AR# AC670724, MOD 6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System System 043 Main Steam/Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
* See Specification B031-P-360, Rev. 13

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)
SP-DCA-135-J2 H11 Sht 2	Interstate Steel	402J7161	N/A	(PLATE)	N/A	Replacement	NO
SP-DCA-135-J2 H11 Sht 2	Bergen-Patterson	SPH-605E&F1	N/A	(PIPE STRAP)	N/A	Replacement	NO
SP-DCA-145-J2 H11 Sht 1	Bergen-Patterson	D039458 BP-2262-1.5	N/A	(STRUT)	N/A	Replacement	NO
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7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program

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

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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 PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 4 of 8
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 AR# A0670724, MOD 6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System System 043 Main Steam/Reactor Recirc.
5. (a) Applicable Construction Code 19 Edition, NA Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
* See Specification 8031-P-360, Rev. 13

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)
SP-DCA-145-J2 H11	Bergen-Patterson	BP-1001-1.5	N/A	(END ATT.) Item 6	N/A	Replacement	NO
SP-DCA-145-J2 H11	Bechtel TWR 20946	Y53106 0370	N/A	(LOAD PIN) Clamp Side	N/A	Replacement	NO
SP-DCA-146-J3 SH1 H11	Bechtel TWR 14866	068645 BP-2262-0.35	N/A	(STRUT)	N/A	Replacement	NO
SP-DCA-146-J3 SH1 H12	Interstate Steel	K8863	N/A	(ANGLE) Item 1	N/A	Replacement	NO
SP-DCA-146-J3 SH1 H12	Bechtel TWR 14866	LAU	N/A	(BEAM ATT.) Item 12	N/A	Replacement	NO

7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure NA psi Test Temp. NA °F.

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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 PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 5 of 8
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Senatoga, PA 19464-2300 AR# A0670724, MOD 6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
Address

4. Identification of System System 043 Main Steam/Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
* See Specification 8031-P-360, Rev. 13

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)
SP-DCA-146-J3 Sh1 H12	Bergen-Patterson	BP-3401-B-1	N/A	(SPRING Can) Item 3	N/A	Replacement	NO
SP-DCA-146-J3 Sh1 H12	Bergen-Patterson	83012	N/A	(THD ROD)	N/A	Replacement	NO
SP-DCA-146-J3 Sh1 H12	Bergen-Patterson	BP-6150-1	N/A	(PIPE CLAMP) Item 8	N/A	Replacement	NO
SP-DCA-146-J3 Sh1 H12	Bergen-Patterson	BP-5130-1/2	N/A	(EYE NUT) Item 6	N/A	Replacement	NO
SP-DCA-146-J3 Sh1 H12	Allen Nut & Bolt	B81716	N/A	(NUT) 4 Places	N/A	Replacement	NO

7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure NA psi Test Temp. NA °F.

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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 PECO Energy Company Date May 24, 1994
 Name
2301 Market Street, Philadelphia, PA 19101 Sheet 6 of 8
 Address

2. Plant Limerick Generating Station Unit One
 Name
P.O. Box 2300, Sanatoga, PA 19464-2300 AR# A0670724, MOD 6140-1
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
 Name
 Authorization No. NA
2301 Market Street, Philadelphia, PA 19101 Expiration Date NA
 Address

4. Identification of System System 043 Main Steam/Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
 * See Specification 8031-P-360, Rev. 13

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)
SP-DCA-164-J02 Sh1 H4	Interstate Steel	402J7161	N/A	(PLATE)	N/A	Replacement	NO
SP-DCA-164-J02 Sh1 H4	Bectel TWR	Y07124	N/A	(PLATE)	N/A	Replacement	NO
SP-DCA-164-J02 Sh1 H4	Bergen-Patterson	SPH-606D&E-1	N/A	PIPE STRAP	N/A	Replacement	NO
SP-DCA-143-J2 Sht 1 H1	Interstate Steel	K8863	N/A	(ANGLE) VERTICAL	N/A	Replacement	NO
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7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program

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

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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 PECO Energy Company Date May 24, 1994
Name
2301 Market Street, Philadelphia, PA 19101 Sheet 7 of 8
Address

2. Plant Limerick Generating Station Unit One
Name
P.O. Box 2300, Sanatoga, PA 19464-2300 AR# A0670724, MOD 6140-1
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PECO Energy Company Type Code Symbol Stamp NA
Name
2301 Market Street, Philadelphia, PA 19101 Authorization No. NA
Address Expiration Date NA

4. Identification of System System 043 Main Steam/Reactor Recirc.

5. (a) Applicable Construction Code * 19 * Edition, * Addenda, * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
* See Specification B031-P-360, Rev. 13

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)
SP-SBD-143-F8 Sht 1 H2	Interstate Steel	K8863	N/A	(ANGLE) Horiz.	N/A	Replacement	NO
SP-SBD-143-F8 Sht 1 H2	Energy Steel	78582	N/A	(ANGLE) Inside	N/A	Replacement	NO
SP-SBD-143-F8 Sht 1 H2	Energy Steel	78582	N/A	(ANGLE) OUTSIDE	N/A	Replacement	NO
SP-DCA-165-J2 SHT 1 H4	BERGEN-PATTERSON	SPH-606D&E-1	N/A	PIPE STRAP	N/A-	Replacement	NO
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7. Description of Work Modification of piping hanger system in support of the Snubber Reduction Program

8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure NA psi Test Temp. NA °F.

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FORM NIS-2 (BACK)

9. Remarks Replacement was performed in accordance with ASME Section XI, MDCP 6140-1, Revision 0, and ECR's 93-03169.
Applicable Manufacturer's Data Reports to be attached
93-04045, 94-04602, 94-04606, 94-04680, 94-04949, 94-04997, 94-5000, 94-05443, 94-06219, 94-4494, 94-4719,
94-05086, 94-05089, 94-05174, 94-05179, 94-05180, 94-05181, 94-05183, 94-05208, 94-05306.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] CONTR. SERV. Date 5/25, 19 99
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 30 OCT 93 to 26 MAY 94, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.

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

Date 26 MAY 19 94