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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 AUTH. NAME AUTHOR AFFILIATION
 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Requests one-time exemption from performing integrated leak rate test on containment penetrations X246A & X246B after LLRT on RHR relief valves. Exemption requested by 830321 to support next outage schedule.

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NOTES: 1cy NMSS/FCAF/PM.

05000387

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IE/DEP EPDS 35	1	1	IE/DEP/EPLB 36	3	3
NRR/DE/AEAB	1	0	NRR/DE/CEB 11	1	1
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NRR/DHFS/HFEB40	1	1	NRR/DHFS/LQB 32	1	1
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NRR/DSI/ASB	1	1	NRR/DSI/CPB 10	1	1
NRR/DSI/CSB .09	1	1	NRR/DSI/ICSB 16	1	1
NRR/DSI/METB 12	1	1	NRR/DSI/PSB 19	1	1
NRR/DSI/RAB 22	1	1	NRR/DSI/RSB 23	1	1
REG FILE 04	1	1	RGN1	3	3
RM/DDAMI/MIB	1	0			

EXTERNAL: ACRS 41	6	6	BNL (AMDTs ONLY)	1	1
DMB/DSS (AMDTs)	1	1	FEMA-REP DIV 39	1	1
LPDR 03	2	2	NRC PDR 02	1	1
NSIC 05	1	1	NTIS	1	1

NOTES: 1 1

THE BOARD OF DIRECTORS OF THE
 COMPANY HAS APPROVED THE
 FOLLOWING RESOLUTIONS:

WHEREAS THE BOARD OF DIRECTORS OF THE
 COMPANY HAS REVIEWED THE FINANCIAL STATEMENTS
 FOR THE YEAR ENDED 31st DECEMBER 1954

AND WHEREAS THE BOARD OF DIRECTORS OF THE
 COMPANY HAS REVIEWED THE FINANCIAL STATEMENTS
 FOR THE YEAR ENDED 31st DECEMBER 1954

Sl. No.	Name of Director	Signature	Date	Position
1	Mr. A. B. C.	[Signature]	15/1/55	Chairman
2	Mr. D. E. F.	[Signature]	15/1/55	Director
3	Mr. G. H. I.	[Signature]	15/1/55	Director
4	Mr. J. K. L.	[Signature]	15/1/55	Director
5	Mr. M. N. O.	[Signature]	15/1/55	Director
6	Mr. P. Q. R.	[Signature]	15/1/55	Director
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100	Mr. L. M. N.	[Signature]	15/1/55	Director



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215/770-7501

MAR 14 1983

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
REQUEST FOR EXEMPTION FROM TESTING
ER 100450 FILE 841-2
PLA-1570

Docket No. 50-387

Dear Mr. Schwencer:

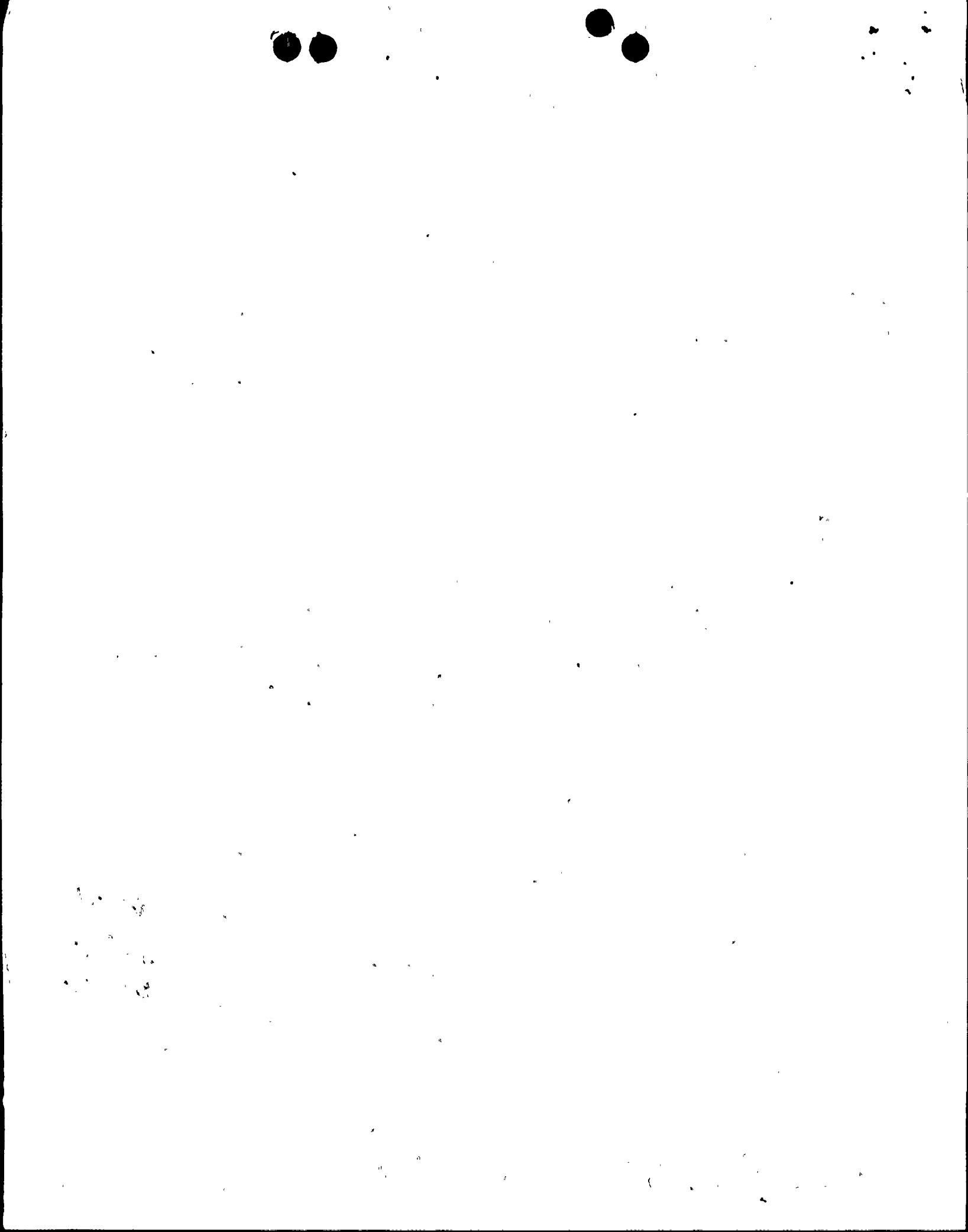
The purpose of this letter is to request a one time exemption from performing an ILRT on containment penetrations X246A and X246B after performing a LLRT on the RHR relief valves in accordance with Technical Specification 4.6.1.2. This ILRT would be required under Appendix J of 10CFR50 since a bolted flange near the relief valves would have to be broken in order to test the relief valves. The present configuration of the system is shown in Figure 1. Bolted flanges such as those used on the relief valves are not prone to leakage.

PP&L will reconfigure the system in order to make the containment penetrations locally testable based upon the following action plan:

- The relief valves will be tested by breaking the discharge flanges per FSAR Section 6.2.6 in compliance with the test frequency stated in Technical Specification 4.6.1.2.
- The ILRT will not be performed on the penetrations after the flange connection is remade.
- Prior to the start-up following the first refueling outage a testable spectacle flange will be inserted into the PSV discharge line outside of containment near the penetration. All connections will be pressure testable locally except the inboard flange-to-pipe weld, which will be radiographed. The functional design is similar to Figures 2 through 5.

Boo!
w/leak:
\$ 4000.00

8303170524 830314
PDR ADDCK 05000387
P PDR



MAR 14 1983

Page 2

SSES PLA-1570
ER 100450 File 841-2
Mr. A. Schwencer

- Thereafter, penetrations X246A and X246B will be locally pressure tested by exercising the spectacle flange and by leak testing the flange itself after it is restored to the operational mode.

The exemption is needed by March 21, 1983 in order to support work planned for the next outage.

We have determined this request to be Class III per 10CFR170 and the appropriate fee is enclosed.

If you have any questions, please call.

Very truly yours,



N. W. Curtis
Vice President-Engineering & Construction-Nuclear

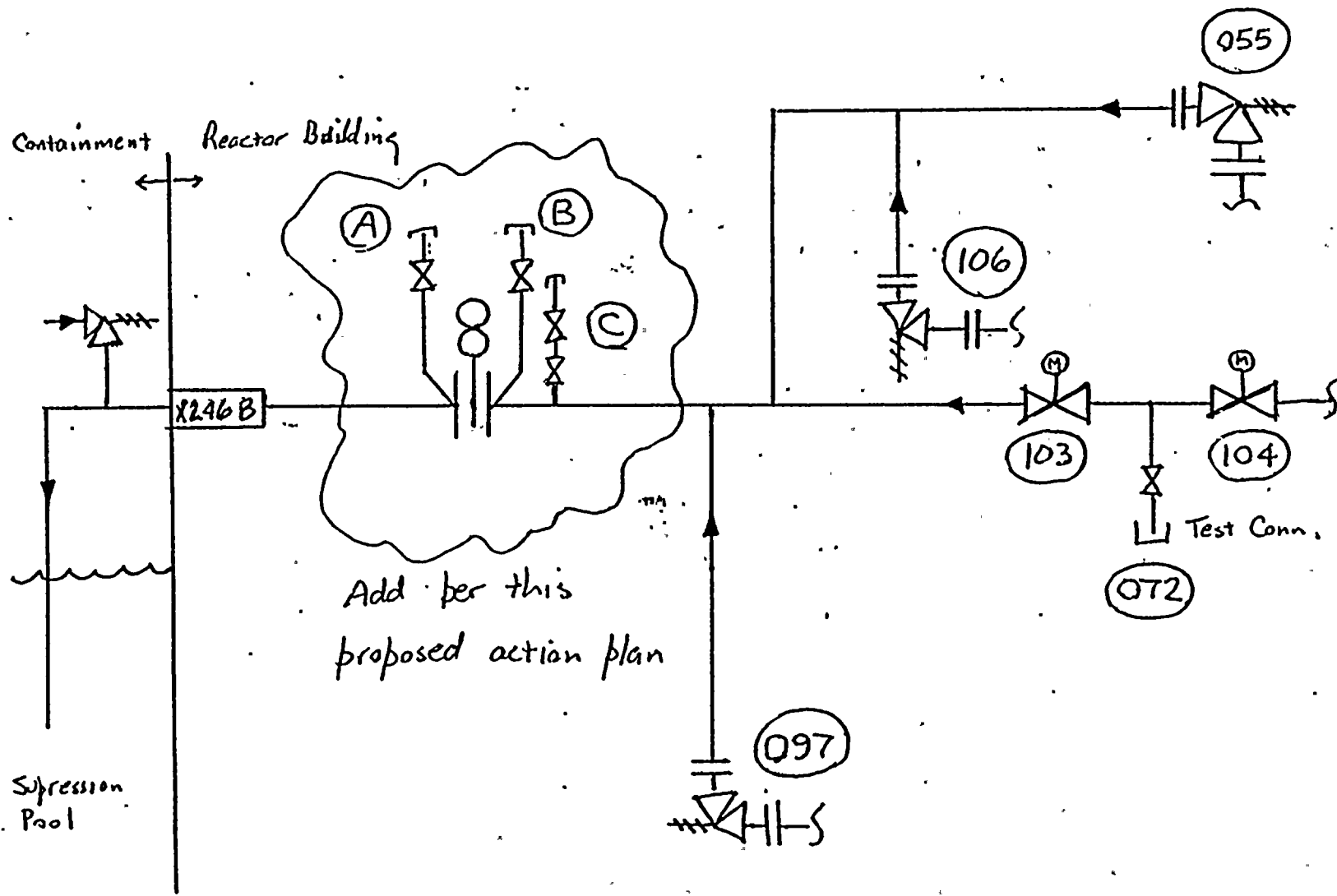
Enclosure

cc: R. L. Perch - NRC



2
3
4
5

FIGURE 2



Excerpt from M-151 sht 2

RHR P&ID



To LLRT Penetration X246B:

- 1) Close Spectacle Flange; Open 072 test valve; open vents outboard of Relief valves; Close 103 valve. Pressurize through (C). Record leakage as L_w
- 2) Restore spectacle flange; Pressurize through (A). Record leakage as L_y .
- 3) Pressurize through (B). Record as L_z

Total leakage for penetration is the sum of L_w , plus L_y , plus L_z

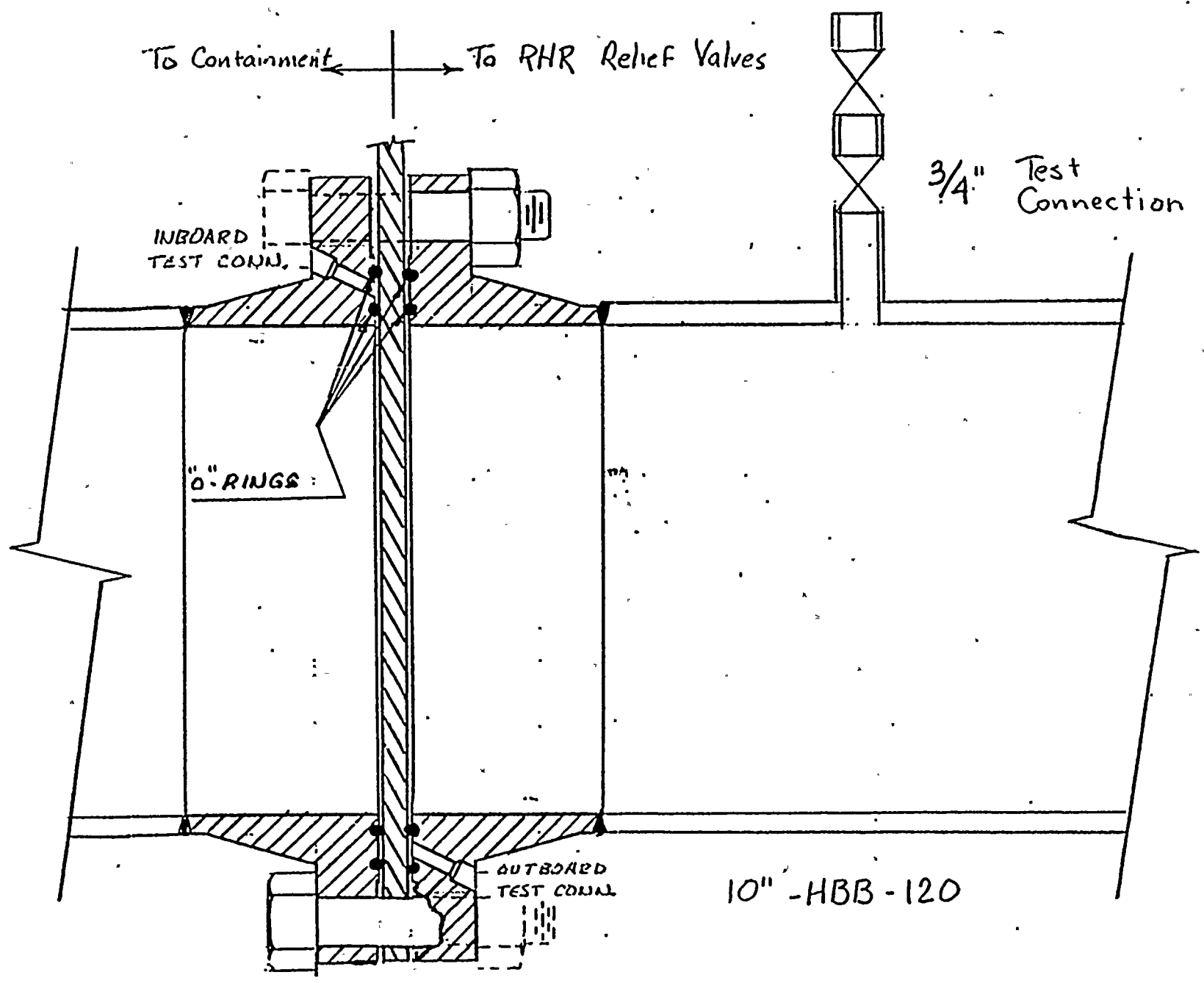
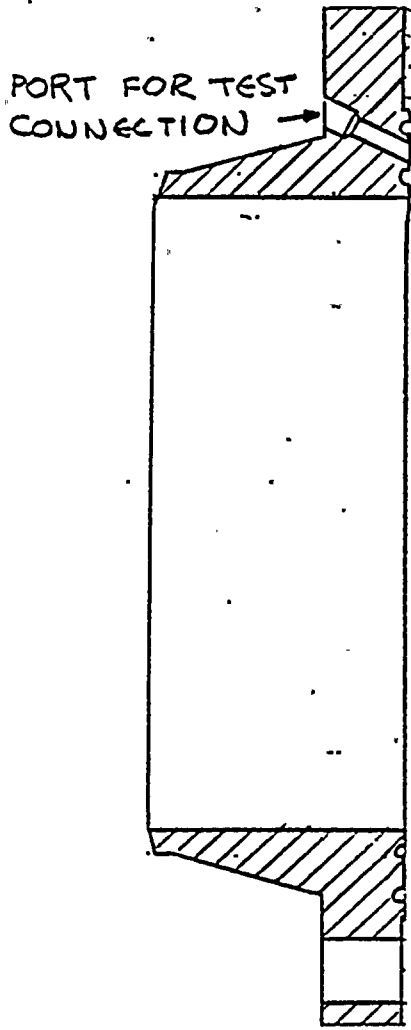


FIGURE 4



Standard 150# ASA raised face flange
face machined to suit

ROTATED 15° TO AVOID BOLT HOLE



SECTION A-A

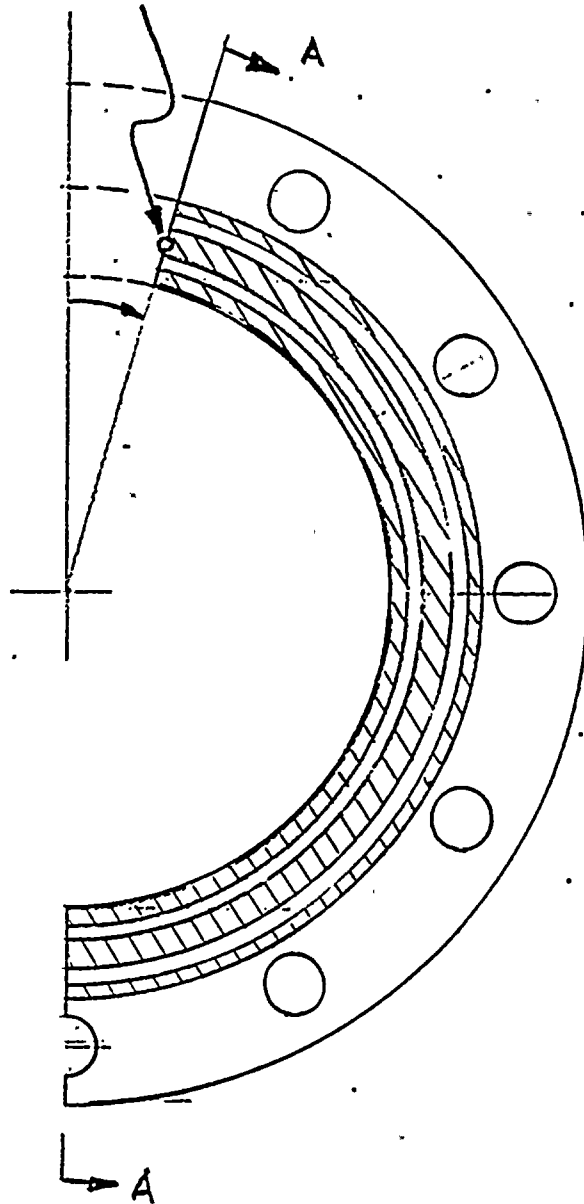


FIGURE 5



Handwritten marks and scribbles in the top right corner, including a small 'e' and some illegible characters.