

TVA

**WALL THICKNESS
PROFILE SHEET**

REPORT NO:

R. P0437

PROJECT: WAB BAR NUCLEAR

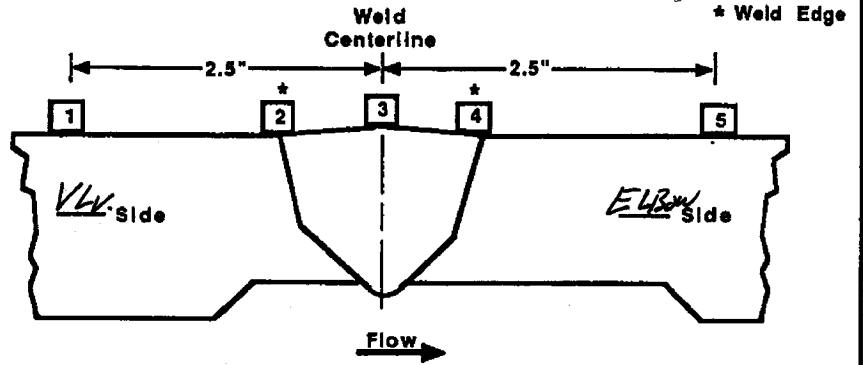
WELD NO: SIF-D196-03

UNIT: 2

SYSTEM: SIS

Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	N/A	N/A	N/A	N/A
2	1.312	1.355	1.372	1.387
3	1.233	1.123	1.137	1.170
4	1.061	1.086	1.076	1.143
5	1.428	1.249	1.203	1.236

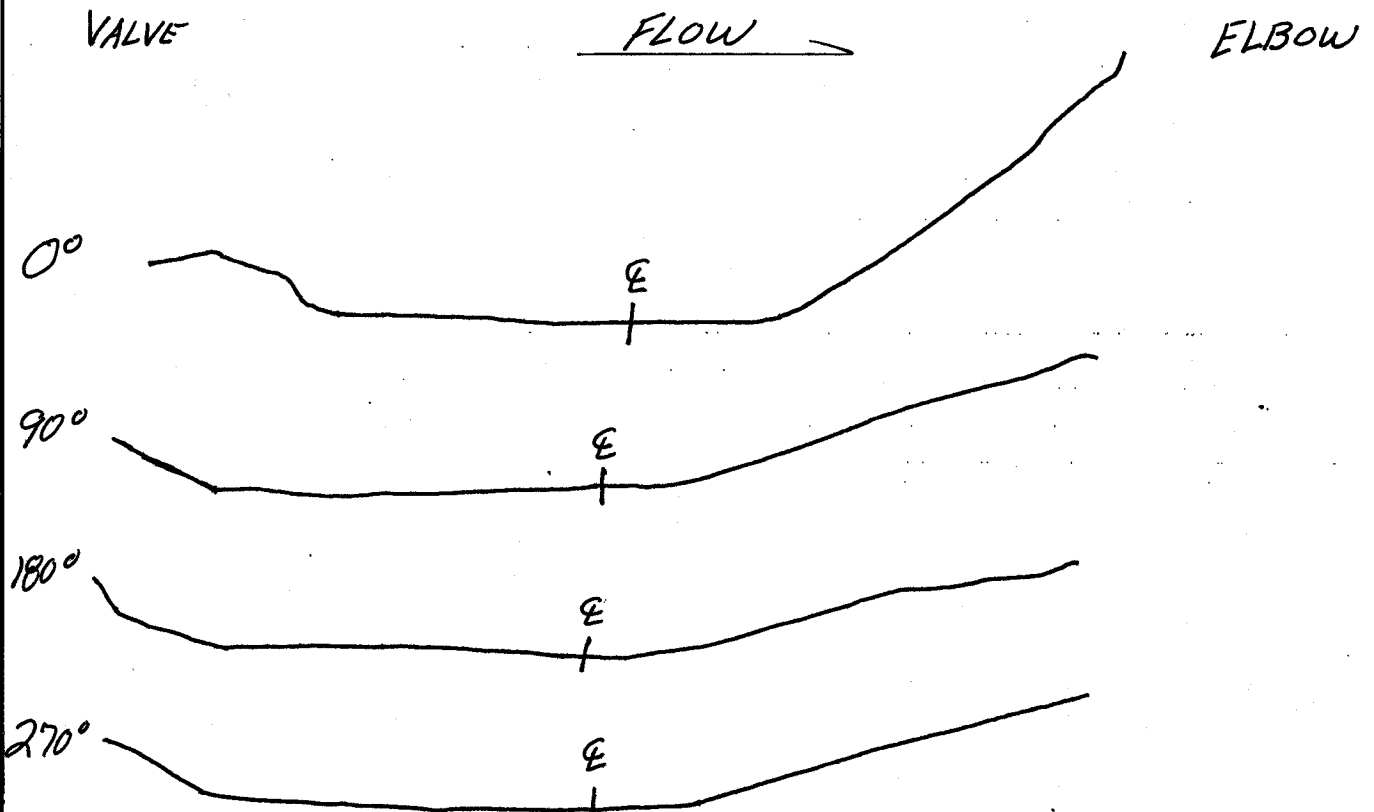


CROWN HEIGHT: FLUSH

DIAMETER: 10.0

CROWN WIDTH: 1.0

WELD LENGTH: 35.0



EXAMINER: [Signature]
LEVEL: II
DATE: 6-8-69

REVIEWED BY: [Signature]
LEVEL: III DATE: 6-9-69

ANII: [Signature]
DATE: 6/23/69
PAGE 5 OF 7

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D196-03

REPORT NO.:

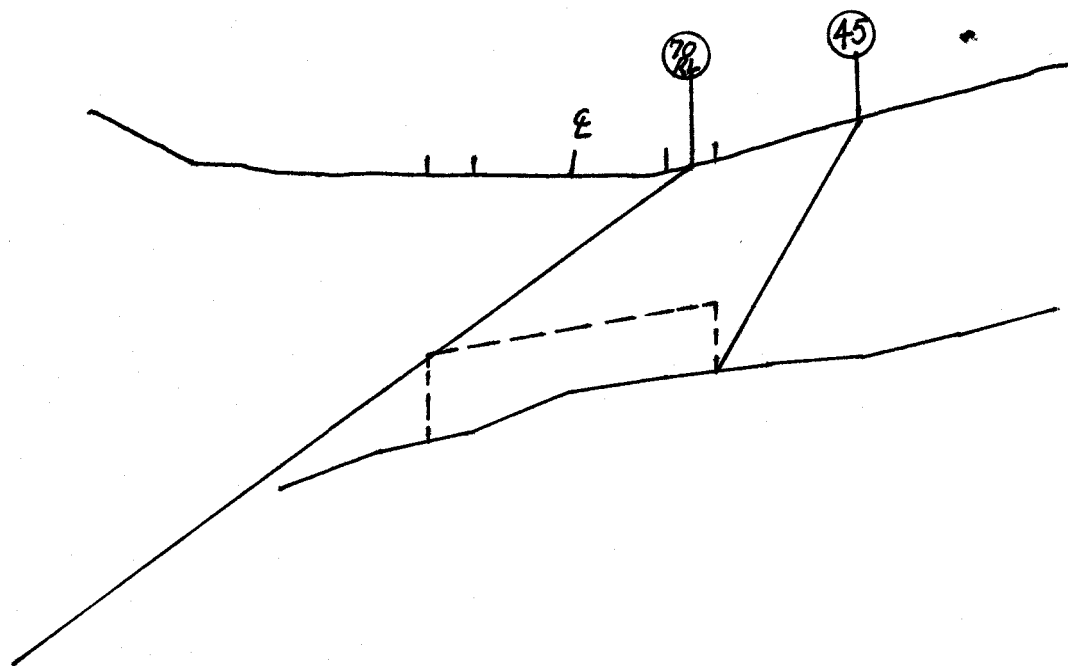
R-P0437

FLOW

VALVE

ELBOW

90°



Plot shown represents primary angle of 45°, phased array angles used 25°-70°, RL angles 40°-70°

BY: [Signature]

LEVEL: II DATE: 6-8-09 PAGE 6 OF 7

TVA

Office of Nuclear Power

PROJECT: WATS BAR NUCLEAR SYSTEM: SIS

UNIT: 2

WELD NO: SIF-D196-03

REPORT NO.:

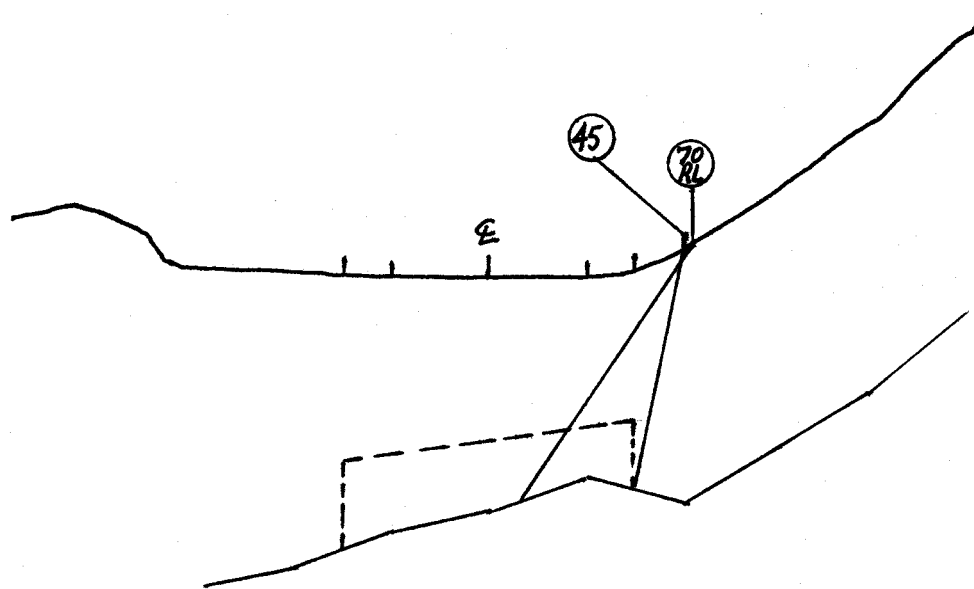
R-P0437

FLOW →

VALVE

ELBOW

0°



Plot shown represents primary angle of 45°, phased array angles used 25°-70°, RL angles 40°-70°

BY: [Signature]

LEVEL: II

DATE: 6-8-09

PAGE 7 OF 7

TVA Procedure
N-GP-31

Attachment 3

SIF-D196-03

Item 1	Required examination Volume in sq. in. (width x height)	1.55	0.42	0.651 sq. in.
Item 2	Number of scan directions	4 directions		
Item 3	Total Scan volume in sq. in.	2.604 sq. in.		
Item 4	Total length of weld	35 inches		
Item 5	Total required exam volume in cubic inches	91.14 cu. in.		
Item 6	Exam volume achieved (sq. in.) in direction 1 X length of weld achieved	0	0	0 cu. In.
Item 7	Exam volume achieved (sq. in.) in direction 2 X length of weld achieved	0.651	25.5	16.6005 cu. In.
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	0.651	35	22.785 cu. In.
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	0.651	35	22.785 cu. In.
Item 10	Determined the achieved exam volume add 6, 7, 8 & 9	62.1705 cu. In.		
Item 11	Exam volume percentage item 10/item 5 x 100	68.21429 %		

INFORMATION ONLY

JPN 6/8/09
Limited due to valve
and elbow intradose