

TVA

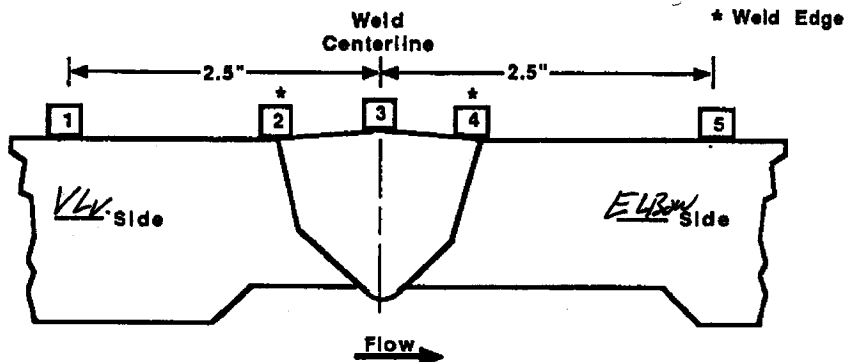
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R. P0437

PROJECT: WAB BAR NUCLEARWELD NO: SIF-D196-03UNIT: 2SYSTEM: SISRecord 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: FLUSHDIAMETER: 10.0CROWN WIDTH: 1.0WELD LENGTH: 35.0

VALVE

FLOW →

ELBOW

0°

90°

180°

270°

EXAMINER: John N. N.LEVEL: IIDATE: 6-8-69REVIEWED BY: Deane D. D.LEVEL: IIIDATE: 6-9-69ANII: QUDATE: 6/23/69PAGE 5 OF 7

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D196-03

REPORT NO.:

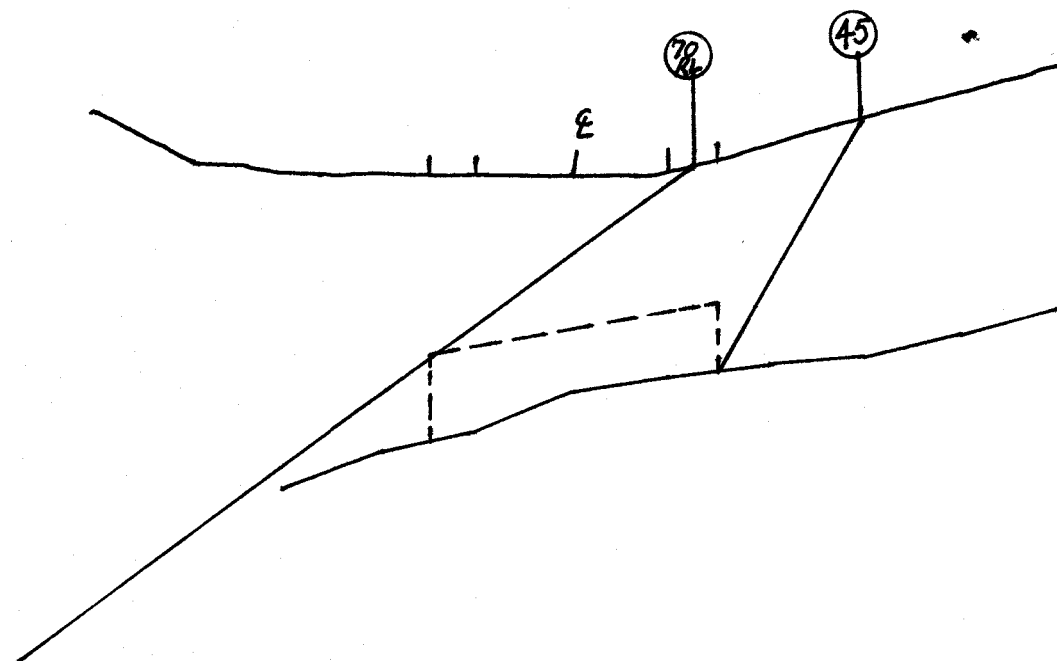
R-P0437

FLOW →

VALVE

ELBOW

90°



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

BY: John N. [Signature]

LEVEL: II

DATE: 6-8-09

PAGE 6 OF 7

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D196-03

REPORT NO.:

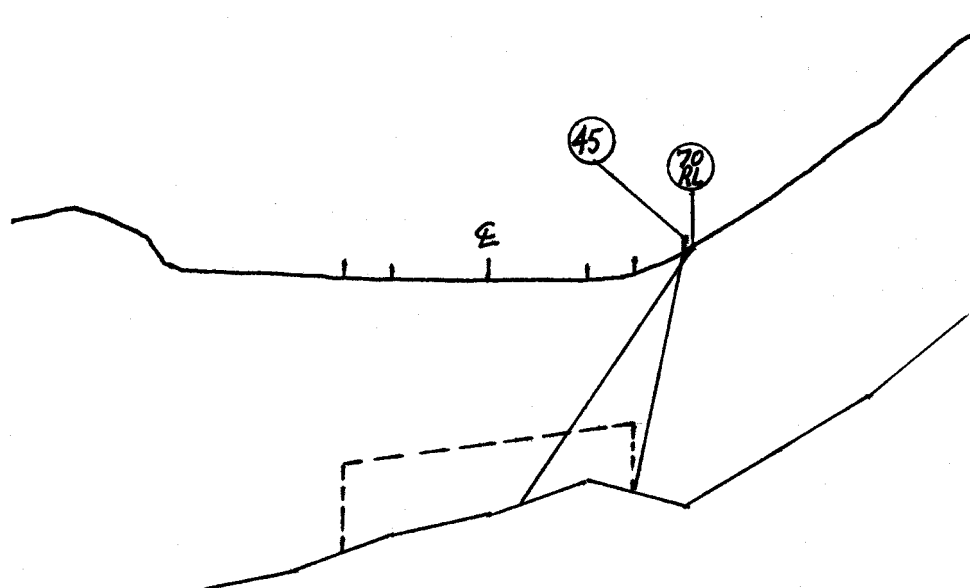
R-P0437

FLOW →

VALVE

ELBOW

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

**INFORMATION ONLY**JPN 6/8/09  
Limited due to valve  
and elbow intrados