

TVA

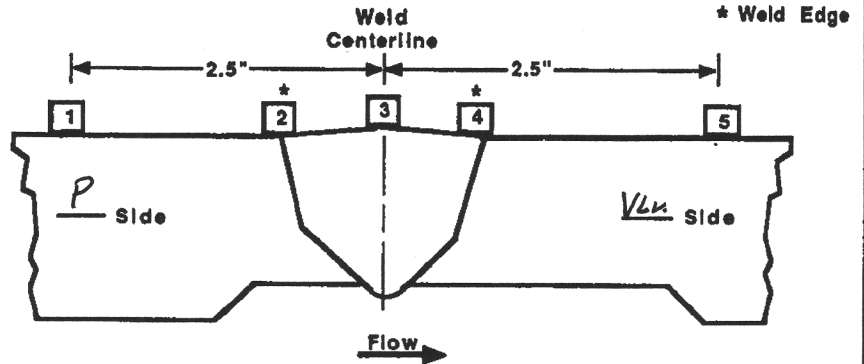
WALL THICKNESS
PROFILE SHEET

REPORT NO:

R-P0487

PROJECT: WATTS BAR NUCLEARWELD NO: SIF-D196-10UNIT: 2SYSTEM: SISRecord Thickness Measurements As
Indicated, Including Weld Width,
Edge-To-Edge At 0°

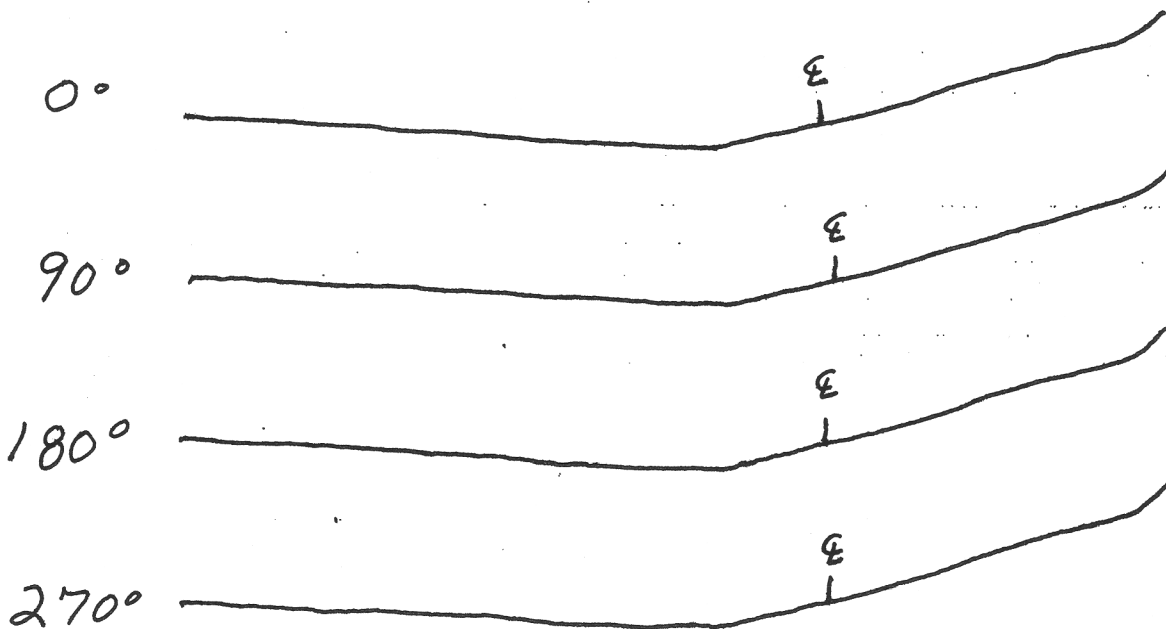
Position	0°	90°	180°	270°
1	1.029	0.977	1.009	1.024
2	1.032	1.076	1.108	1.070
3	1.206	1.149	1.134	1.206
4	1.293	1.384	1.412	1.243
5	N/A	N/A	N/A	N/A

CROWN HEIGHT: FLUSHDIAMETER: 10.0CROWN WIDTH: 1.0WELD LENGTH: 35.625

PIPE

FLOW

VALVE

EXAMINER: [Signature]REVIEWED BY: [Signature]ANII: [Signature]LEVEL: BLLEVEL: 14 DATE: 6-18-09DATE: 7/2/09DATE: 6-16-09PAGE 5 OF 6

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D196-10

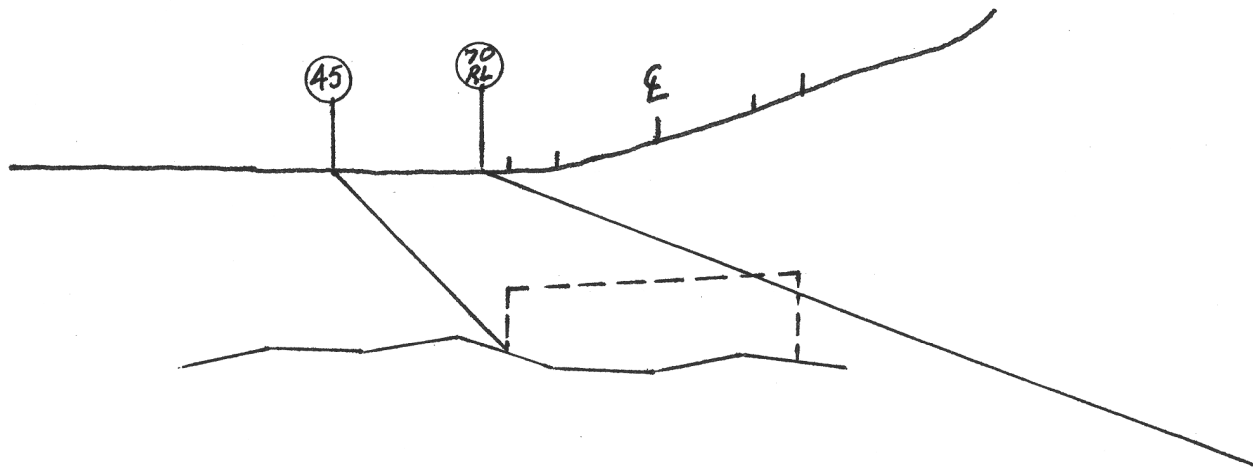
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PIPE

FLOW →

VALVE



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

BY: *John Niss*

LEVEL: II

DATE: 6-16-09

PAGE 6 OF 6

TVA Procedure
N-GP-31

Attachment 3

SIF - D196-10

Item 1	Required examination Volume in sq. in. (width x height)	1.5	0.44	0.66 sq. in.
Item 2	Number of scan directions			4 directions
Item 3	Total Scan volume in sq. in.			2.64 sq. in.
Item 4	Total length of weld			36.625 inches
Item 5	Total required exam volume in cubic inches			96.69 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	0.62	36.625	22.7075 cu. in.
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	0.66	36.625	24.1725 cu. in.
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	0.66	36.625	24.1725 cu. in.
Item 10	Determined the achieved exam volume add 6, 7, 8 & 9			71.0525 cu. in.
Item 11	Exam volume percentage item 10/item 5 x 100			73.48485 %

one sided due to valve

JPN 6-17-09

Jan 21 II

INFORMATION ONLY