

TVA

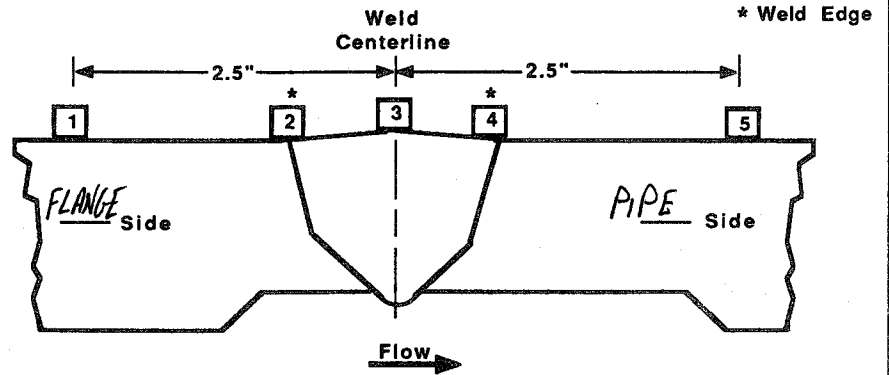
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R.D.1117

PROJECT: WBNWELD NO: SIF-B-T090-07UNIT: 2SYSTEM: SISRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1				
2	.43	.43	.42	.43
3	.41	.40	.40	.41
4	.34	.33	.33	.34
5	.34	.33	.34	.34

CROWN HEIGHT: .05"DIAMETER: 2.0"CROWN WIDTH: .75"WELD LENGTH: 7.75"

FLANGE

PIPE

FLOW

NO #1 READINGS DUE TO FLANGE

EXAMINER: JASON POLISENSKYREVIEWED BY: Jason Polinsky

ANII:

LEVEL: IILEVEL: IVDATE: 6-12-10DATE: 7-19-10DATE: 06/02/10PAGE 4 OF 6

TVA

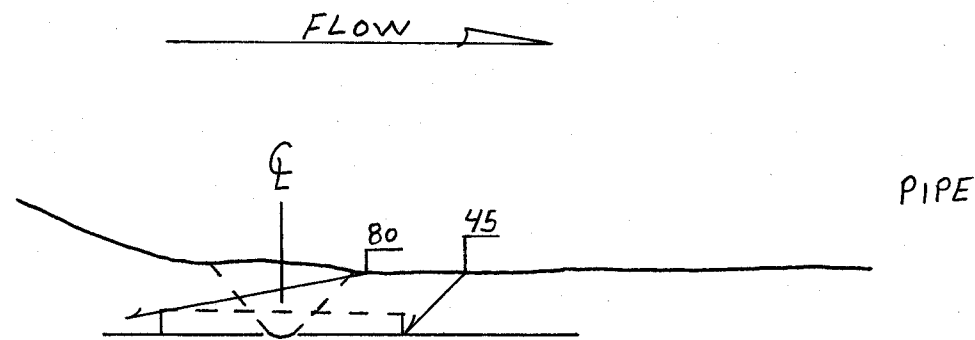
Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

UNIT: 2 WELD NO: SIF-B-T090-07

REPORT NO.:

R.P.1117



$$\frac{ID \ 1.66''}{OD \ 2.46} = .67 \text{ RATIO} = 47.9^\circ \text{ MAX CIRC ANGLE}$$

EXAMINATION PERFORMED TO QUALIFIED SECTOR SCAN ANGLES OF 35° TO 80° AX & CIRC 35° TO 70°

BY: Jason Polinsky JASON POLISENSKY LEVEL: II DATE: 06/02/10 PAGE 5 OF 6

# Watts Bar Unit 2

R-P1117

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured Fields	Calculated Fields
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Worksheet Version 1.0 dated 07/01/09

**WELD  
NUMBER**

SIF-B-T090-07

Item 1	Required examination Volume in sq. in. (width x height)	1.25	0.11	0.1375 sq. in.
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Item 2	Number of scan directions	4 directions
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Item 3	Total Scan volume in sq. in.	0.55 sq. in.
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Item 4	Total length of weld	7.75 inches
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Item 5	Total required exam volume in cubic inches	4.2625 cu. in.
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Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.1375	7.75	1.065625 cu. In.
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Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	0.1375	7.75	1.065625 cu. In.
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Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	0.1375	7.75	1.065625 cu. In.
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Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0	7.75	0 cu. In.
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Item 10	Determined the acheived exam volume add 6, 7, 8 & 9	3.196875 cu. In.
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Item 11	Exam volume percentage item 10/item 5 x 100	75.00 %
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No Scan #3, limitation due to flange

Initials

JAP

Date

06/02/2010

0.18

Page 6 of 8