TVA

WALL THICKNESS PROFILE SHEET

REPORT NO: R.P1079

PROJECT: WBN

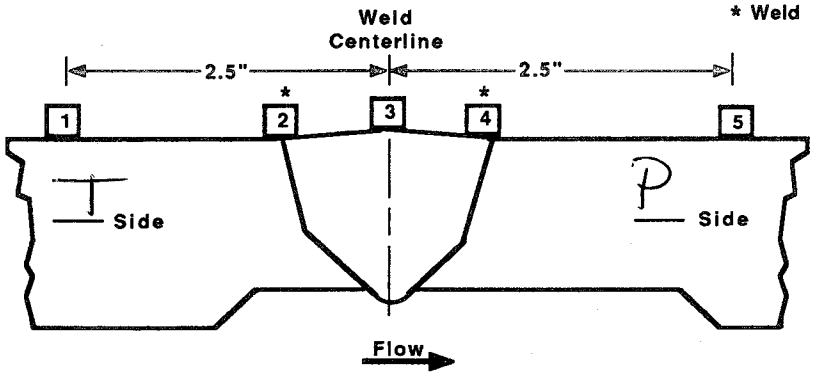
UNIT: 2

WELD NO: SIF-D116-06

SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	.49	N/A	.43	N/A
2	.39	.39	.39	.38
3	.40	.46	.42	.43
4	.32	.32	.32	.32
5	.32	.32	.32	.33

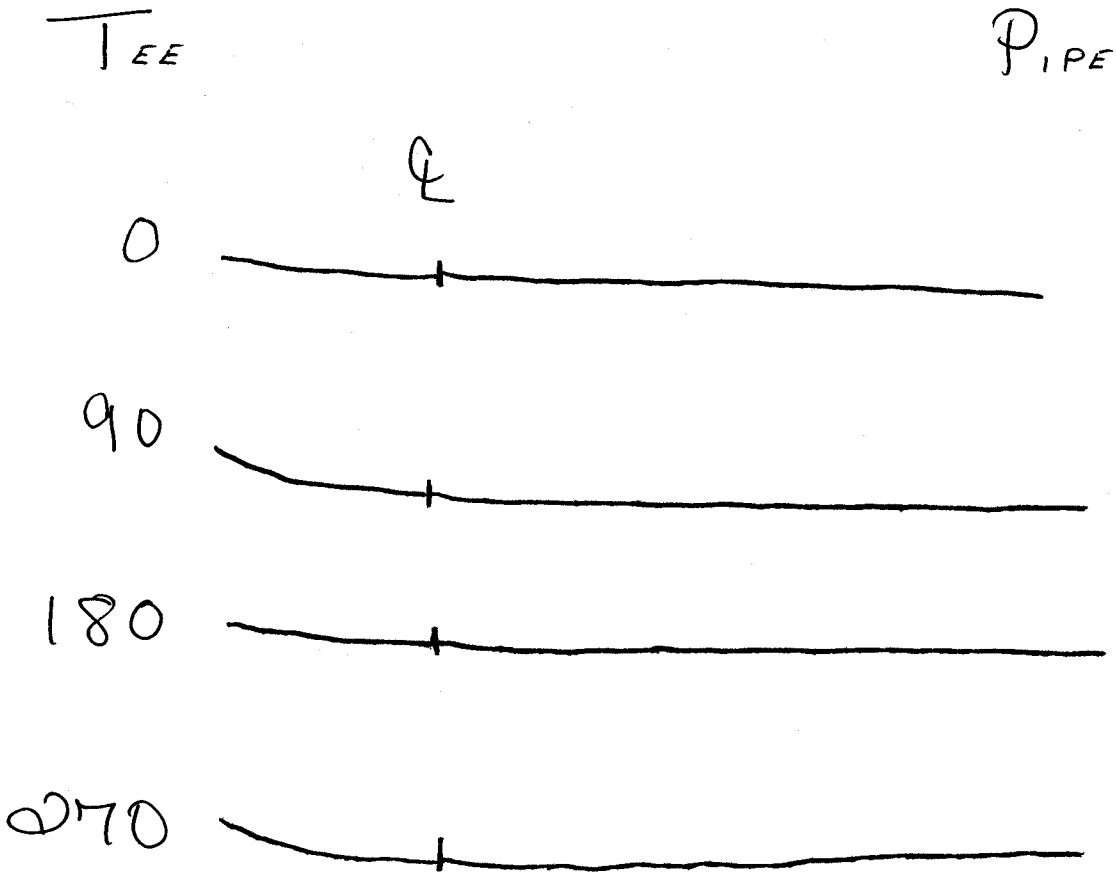


CROWN HEIGHT: flush

CROWN WIDTH: .7"

DIAMETER: 4"

WELD LENGTH: 14¼"



EXAMINER: Jason Polsenski JASON POLSENSKY

LEVEL: II

DATE: 05/18/10

REVIEWED BY: Darlene Conway

LEVEL: II DATE: 5-24-10

ANII:

DATE: 7-15-10

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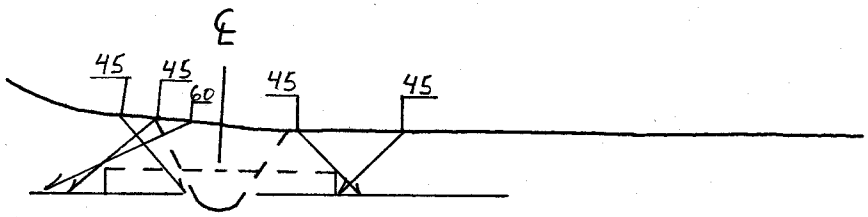
TVA Office of Nuclear Power	PROJECT: WBN SYSTEM: SIS UNIT: 2 WELD NO: SIF-D116-06	REPORT NO.: R.81079

FLOW

TEE



PIPE

$\frac{\text{ID } 3.68"}{\text{OD } 4.54"} = .81 \text{ RATIO} = 54.1° \text{ MAX CIRC ANGLE}$

BY: JASON POLISENSKY LEVEL: II DATE: 05/18/10 PAGE 6 OF 7

Watts Bar Unit 2

R.P1079

TVA Procedure N-GP-31
Attachments 3 & 4

Worksheet Version 1.0 dated 07/01/09

		Measured Fields		Calculated Fields	
WELD NUMBER	SIF-D116-06				
Item 1	Required examination Volume in sq. in. **(width x height)**	1.25	0.15	0.1875	sq. in.
Item 2	Number of **scan directions**			4	directions
Item 3	Total Scan **volume** in sq. in.			0.75	sq. in.
Item 4	Total **length** of weld			14.375	inches
Item 5	Total required **exam volume** in cubic inches			10.78125	cu. in.
Item 6	**Exam volume acheived** (sq. in.) in direction 1 X **length of weld achieved**	0.1875	6.375	1.1953125	cu. In.
Item 7	**Exam volume acheived** (sq. in.) in direction 2 X **length of weld achieved**	0.1875	14.375	2.6953125	cu. In.
Item 8	**Exam volume acheived** (sq. in.) in direction 3 X **length of weld achieved**	0.1875	14.375	2.6953125	cu. In.
Item 9	**Exam volume acheived** (sq. in.) in direction 4 X **length of weld achieved**	0.1875	14.375	2.6953125	cu. In.
Item 10	Determined the **acheived exam volume** add 6, 7, 8 & 9			9.28125	cu. In.
Item 11	Exam **volume percentage** item 10/item 5 x 100			**86.09**	%

Scan #3 limitation due to tee branch

Initials BAL

Date 05/20/2010

0.18