TVA

WALL THICKNESS PROFILE SHEET

REPORT NO: R-D1133

PROJECT: WBN

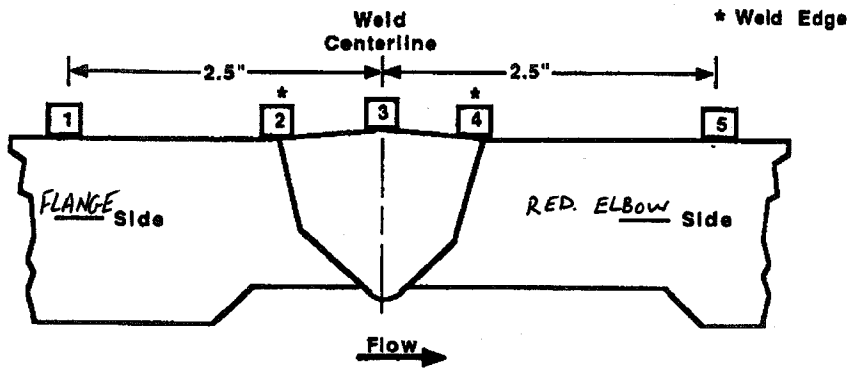
UNIT: 2

WELD NO: SIF-D116-01D

SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	*	*	*	*
2	*	*	*	*
3	.53	.55	.55	.54
4	.41	.41	.40	.40
5	.50	.50	.50	.50

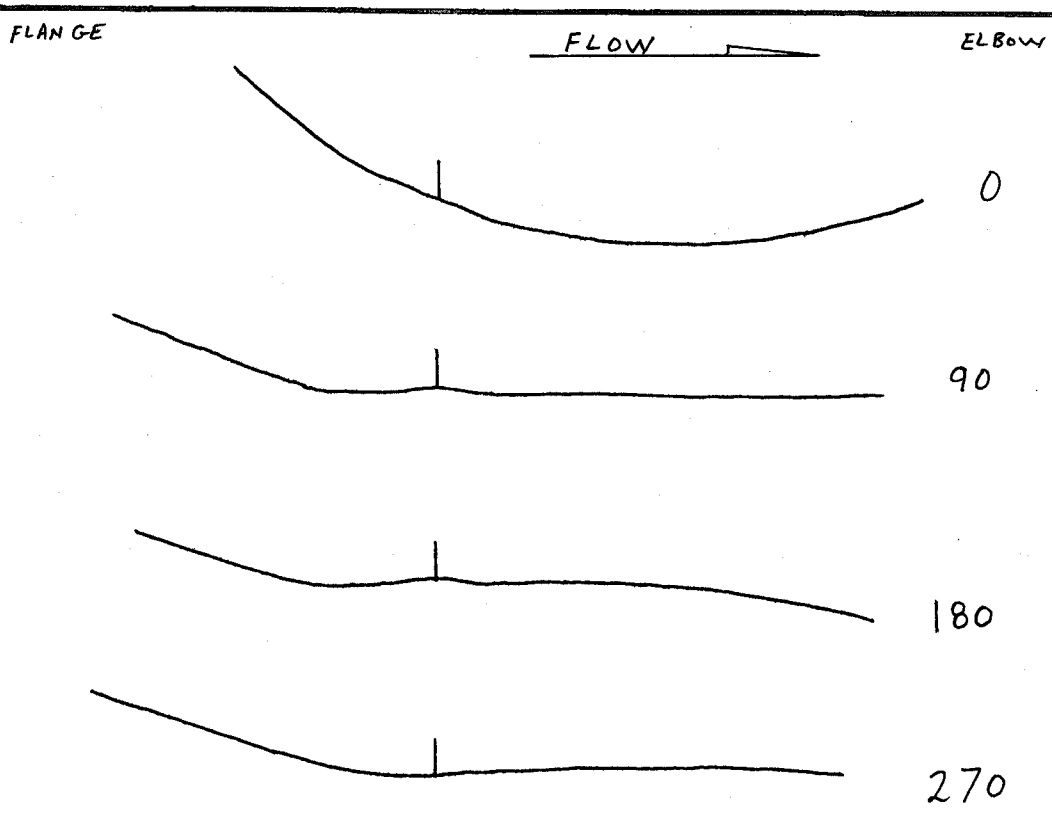


CROWN HEIGHT: GROUND

CROWN WIDTH: .5"

DIAMETER: 3"

WELD LENGTH: 11.25"



* NO READING TAKEN DUE TO FLANGE CONFIG

EXAMINER: Jason Policensky

LEVEL: II

DATE: 06/07/10

REVIEWED BY:

LEVEL: II

DATE: 6-13-10

ANII:

DATE: 7-19-10

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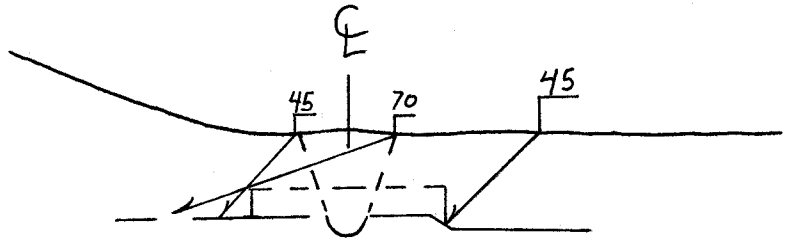
TVA 19668 (NP-5-89)

1-108-999-44

TVA Office of Nuclear Power	PROJECT: WBN SYSTEM: SIS UNIT: 2 WELD NO: SIF-D116-01D	REPORT NO.: R.P1133

FLOW

FLANGE



ELBOW

$\frac{\text{ID } 2.77''}{\text{OD } 3.58''} = .77 \text{ RATIO} = 50.3^\circ \text{ MAX CIRC ANGLE}$

BY: Jason Polisensky JASON POLISENSKY LEVEL: II DATE: 06/07/10 PAGE 6 OF 7

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Watts Bar Unit 2

TVA Procedure N-GP-31
Attachments 3 & 4

Worksheet Version 1.0 dated 07/01/09

		Measured Fields		Calculated Fields	
WELD NUMBER	SIF-D116-01D				
Item 1	Required examination Volume in sq. in. **(width x height)**	1	0.14	0.14	sq. in.
Item 2	Number of **scan directions**			4	directions
Item 3	Total Scan **volume** in sq. in.			0.56	sq. in.
Item 4	Total **length** of weld			11.25	inches
Item 5	Total required **exam volume** in cubic inches			6.3	cu. in.
Item 6	**Exam volume acheived** (sq. in.) in direction 1 X **length of weld achieved**	0.14	11.25	1.575	cu. In.
Item 7	**Exam volume acheived** (sq. in.) in direction 2 X **length of weld achieved**	0.14	11.25	1.575	cu. In.
Item 8	**Exam volume acheived** (sq. in.) in direction 3 X **length of weld achieved**	0.14	11.25	1.575	cu. In.
Item 9	**Exam volume acheived** (sq. in.) in direction 4 X **length of weld achieved**	0	11.25	0	cu. In.
Item 10	Determined the **acheived exam volume** add 6, 7, 8 & 9			4.725	cu. In.
Item 11	Exam **volume percentage** item 10/item 5 x 100			**75.00**	%

No Scan #3, limitation due to flange

Initials JAP

Date 06/09/2010

0.18