TVA	WALL THICKNESS PROFILE SHEET	REPORT NO: R.P1590

PROJECT: WBN

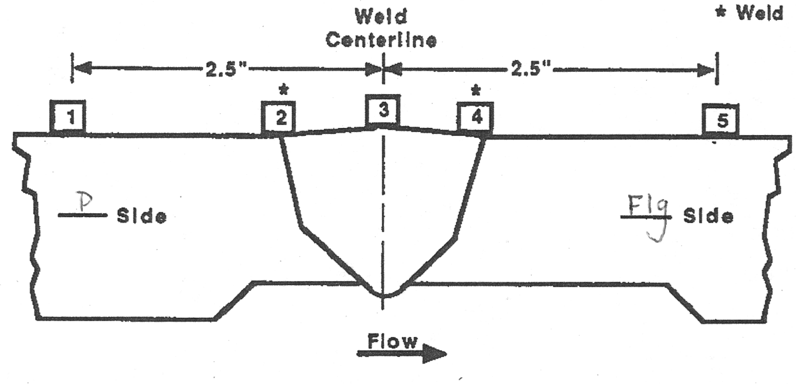
UNIT: 2

WELD NO: CVCF-A-T122-40

SYSTEM: CVCS

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

Position	0°	90°	180°	270°
1	.340	.326	.342	.351
2	.364	.356	.365	.379
3	.377	.397	.375	.380
4	.384	.376	.393	.378
5	*	*	*	*

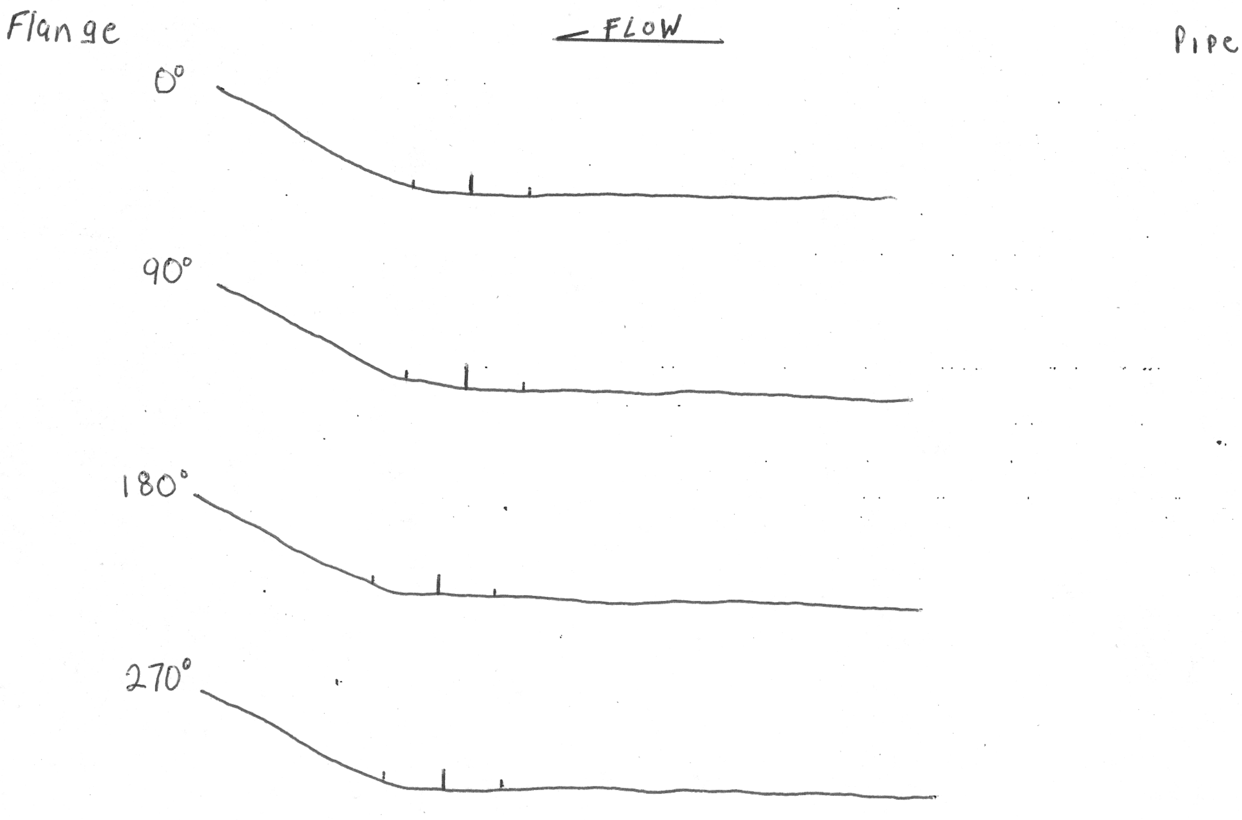


CROWN HEIGHT: Flush

DIAMETER: 2.0

CROWN WIDTH: .6

WELD LENGTH: 7.75



* No thickness Reading taken due to configuration

EXAMINER:

LEVEL: II

DATE: 05-09-11

REVIEWED BY:

LEVEL: II

DATE: 5-13-11

ANII:

DATE: 5/25/11

PAGE 5 **OF** 7

TVA 19668 (NP-5-89)

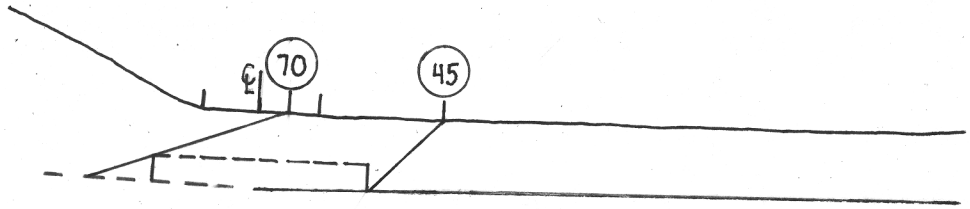
1-108-999-44

TVA Office of Nuclear Power	PROJECT: WBN SYSTEM: CVCS UNIT: 2 WELD NO: CVCF-A-T122-40	REPORT NO.: R.P1590

FLANGE

FLOW

PIPE



BY: Jose Alejandro LEVEL: II DATE: 05-09-11 PAGE 6 OF 7

R.P1590

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	CVCF-A-T122-40				
Item 1	Required examination Volume in sq. in. **(width x height)**	1.1	0.12	0.132	sq. in.
Item 2	Number of **scan directions**			4	directions
Item 3	Total Scan **volume** in sq. in.			0.528	sq. in.
Item 4	Total **length** of weld			7.75	inches
Item 5	Total required **exam volume** in cubic inches			4.092	cu. in.
Item 6	**Exam volume acheived** (sq. in.) in direction 1 X **length of weld achieved**	0.132	7.75	1.023	cu. In.
Item 7	**Exam volume acheived** (sq. in.) in direction 2 X **length of weld achieved**	0.044	7.75	0.341	cu. In.
Item 8	**Exam volume acheived** (sq. in.) in direction 3 X **length of weld achieved**	0.1045	7.75	0.809875	cu. In.
Item 9	**Exam volume acheived** (sq. in.) in direction 4 X **length of weld achieved**	0.1045	7.75	0.809875	cu. In.
Item 10	Determined the **acheived exam volume** add 6, 7, 8 & 9			2.98375	cu. In.
Item 11	Exam **volume percentage** item 10/item 5 x 100			**72.92**	%

Examination was limited on scan # 4 due to flange configuration

Initials	Date
JA	05/09/2011