TVA

WALL THICKNESS PROFILE SHEET

REPORT NO: R-1163

PROJECT: WBN

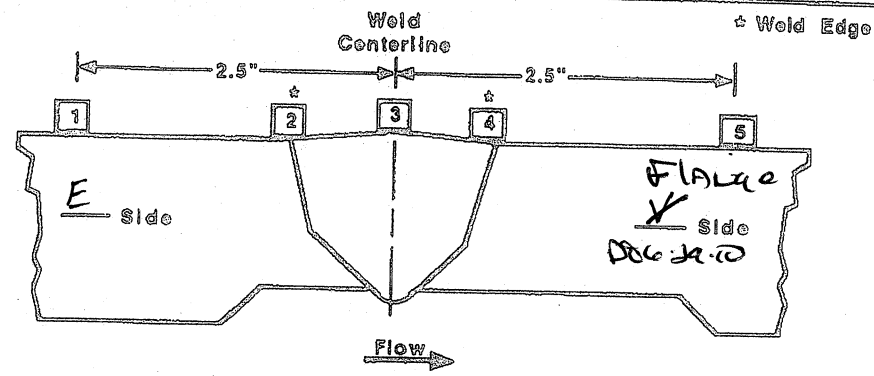
UNIT: 2

WELD NO: SIF-D120-10

SYSTEM: SIS

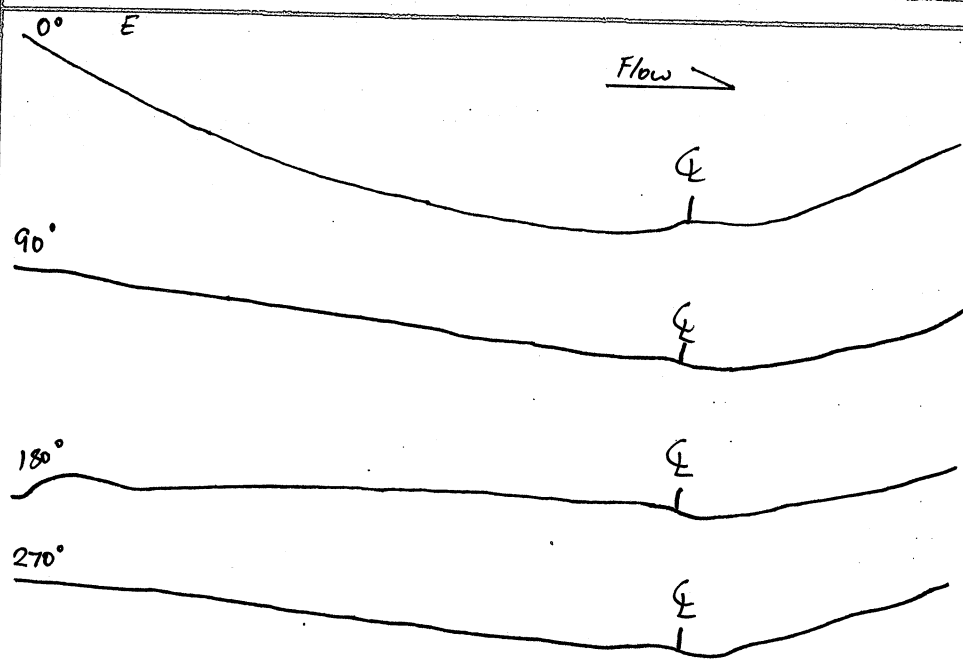
Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	.466	.415	.379	.422
2	.452	.439	.367	.409
3	.358	.349	.336	.338
4	.296	.350	.309	.302
5	.537	.545	.513	.564



CROWN HEIGHT: _____ DIAMETER: 4"

CROWN WIDTH: .4" WELD LENGTH: 14.25"



EXAMINER: Brad Langston

LEVEL: II

DATE: 6-17-10

REVIEWED BY: Darlene Tuley

LEVEL: III DATE: 6-29-10

ANII:

DATE: 7-21-10

PAGE 5 OF 7

TVA 19668 (NP-5-89)

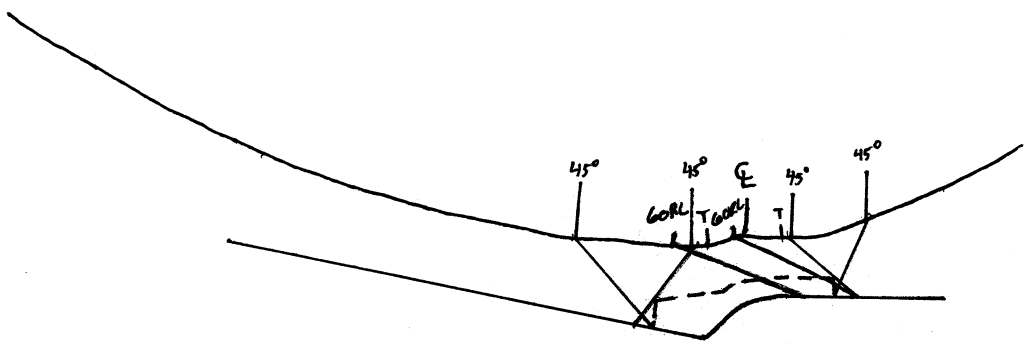
1-108-999-G4

TVA Office of Nuclear Power	PROJECT: WBN SYSTEM: SIS UNIT: 2 WELD NO: SIF-D120-10	REPORT NO.: R.P 11163

Elbow

Flow →

Flange
~~Valve~~
DS - 6-29-10



BY: Brad Livingston LEVEL: II DATE: 6-17-10 PAGE 6 OF 7

Watts Bar Unit 2

R-P1163

TVA Procedure N-GP-31
Attachments 3 & 4

Measured Fields	Calculated Fields

Worksheet Version 2.0 dated 10/21/09

WELD NUMBER **SIF-D120-10**

Item 1	Required examination Volume in sq. in. **(width x height)**	1	0.2	0.2	sq. in.
Item 2	Number of **scan directions**			4	directions
Item 3	Total Scan **volume** in sq. in.			0.8	sq. in.
Item 4	Total **length** of weld			14.25	inches
Item 5	Total required **exam volume** in cubic inches			11.4	cu. in.
Item 6	**Exam volume acheived** (sq. in.) in direction 1 X **length of weld achieved**	0.2	14.25	2.85	cu. In.
Item 7	**Exam volume acheived** (sq. in.) in direction 2 X **length of weld achieved**		14.25	0	cu. In.
Item 8	**Exam volume acheived** (sq. in.) in direction 3 X **length of weld achieved**	0.2	14.25	2.85	cu. In.
Item 9	**Exam volume acheived** (sq. in.) in direction 4 X **length of weld achieved**	0.2	14.25	2.85	cu. In.
Item 10	Determined the **acheived exam volume** add 6, 7, 8 & 9			8.55	cu. In.
Item 11	Exam **volume percentage** item 10/item 5 x 100			**75.00**	%

Scan 4 not examined
Due to Elbow to Flange configuration
Exam was single sided 2mhz
RL 60 was used
Per Procedure UT-64 Rev11

Initials
BAL

Date
06/25/2010