TVA	WALL THICKNESS PROFILE SHEET	REPORT NO: R-P0304

PROJECT: WATTS BAR NUCLEAR

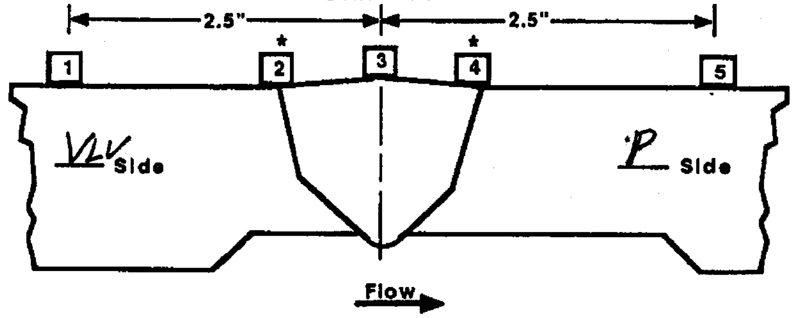
UNIT: 2

WELD NO: 98-004 31F ~~SIS~~-D197-03

SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	N/A	N/A	N/A	N/A
2	1.446	1.472	1.456	1.479
3	1.291	1.228	1.221	1.226
4	.917	.939	.950	.935
5	.987	.996	.985	.979

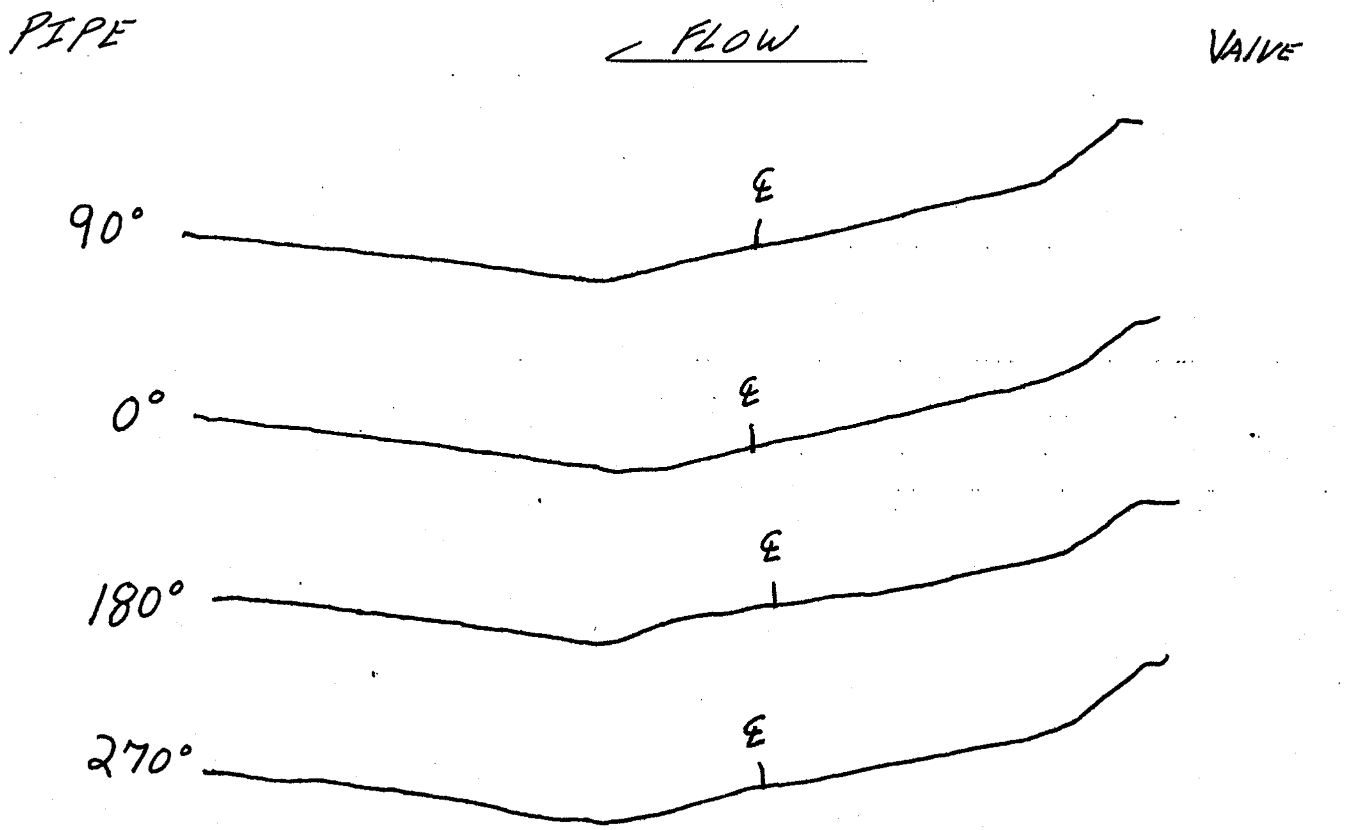


CROWN HEIGHT: FLUSH

DIAMETER: 10.0

CROWN WIDTH: 1.250

WELD LENGTH: 35.750



EXAMINER: [signature]

LEVEL: II

DATE: 04-28-09

REVIEWED BY: [signature]

LEVEL: III

DATE: 4-30-09

ANII: [signature]

DATE: 5/13/09

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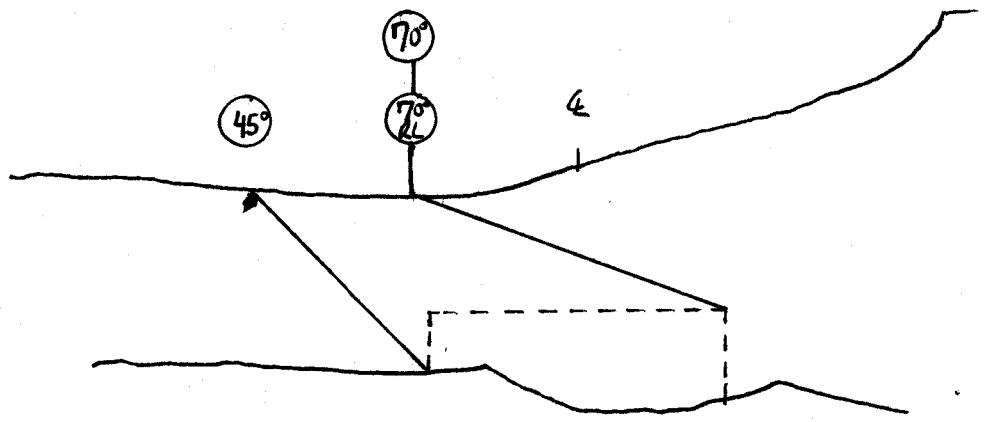
TVA 19668 (NP-5-89)

DS 5-26-09

1-108-999-44

TVA Office of Nuclear Power	PROJECT: WBN SYSTEM: SIS UNIT: 2 WELD NO: SIF ~~SIS~~ - D197-03 DS 5.18.09	REPORT NO.: R P0304

PIPE ← FLOW VALVE



Note - phased array angles used 25° - 70° shear / 40° - 70° RL

BY: [signature] LEVEL: II DATE: 4/28/09 PAGE 67 OF 67

DS 5.26.09

R. PO 304
SIS - 0197-03

TVA Procedure
N-GP-31

Attachment 3

		Unprotected Field	Protected Field		
Item 1	Required examination Volume in sq. in. **(width x height)**	1.55	0.48	0.744	sq. in.
Item 2	Number of **scan directions**			4	directions
Item 3	Total Scan **volume** in sq. in.			2.976	sq. in.
Item 4	Total **length** of weld			35.75	inches
Item 5	Total required **exam volume** in cubic inches			106.392	cu. in.
Item 6	**Exam volume acheived** (sq. in.) in direction 1 X **length of weld achieved**	0.744	35.75	26.598	cu. In.
Item 7	**Exam volume acheived** (sq. in.) in direction 2 X **length of weld achieved**	0.744	35.75	26.598	cu. In.
Item 8	**Exam volume acheived** (sq. in.) in direction 3 X **length of weld achieved**	0.744	35.75	26.598	cu. In.
Item 9	**Exam volume acheived** (sq. in.) in direction 4 X **length of weld achieved**	0	0	0	cu. In.
Item 10	Determined the **acheived exam volume** add 6, 7, 8 & 9			79.794	cu. In.
Item 11	Exam **volume percentage** item 10/item 5 x 100			75	%

Joan Moss
4/29/09

INFORMATION ONLY

One sided exam limitation due to Valve