

TVA

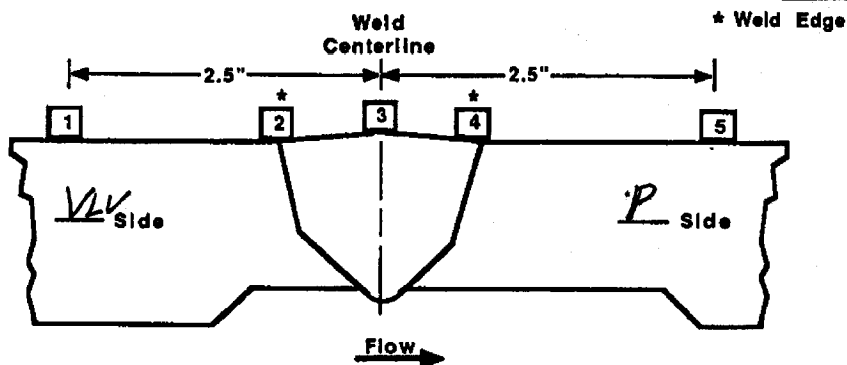
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R.D0304

PROJECT: WATTS BAR NUCLEARWELD NO: 802-1004 SIF  
SIS-D197-03UNIT: 2SYSTEM: SISRecord 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: FlushDIAMETER: 10.0CROWN WIDTH: 1.250WELD LENGTH: 35.750

PIPE

FLOW

VALVE

90°

0°

180°

270°

EXAMINER: J. M. ChadoREVIEWED BY: Daniel DuleyANII: JDLEVEL: IILEVEL: IIIDATE: 4-30-09DATE: 5/13/09DATE: 04-28-09PAGE 10 OF 107

TVA

Office of Nuclear Power

PROJECT: WBN

SYSTEM: SIS

REPORT NO.:

UNIT: 2

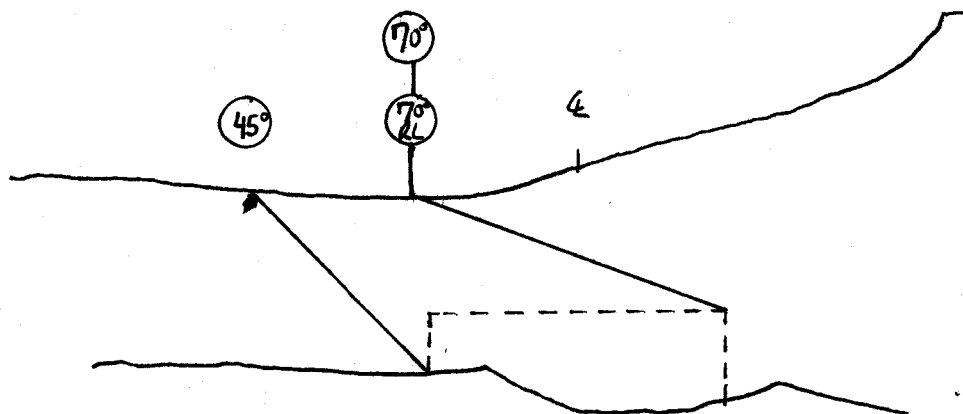
WELD NO: SIS - D197-03

R-P0304

PIPE

FLOW

VALVE



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

BY: John Hise

LEVEL: II

DATE: 4/28/09

PAGE 67 OF 67

DS-526-09

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 <b>scan directions</b>			4 directions
Item 3	Total Scan <b>volume</b> in sq. in.			2.976 sq. in.
Item 4	Total <b>length</b> of weld			35.75 inches
Item 5	Total required <b>exam volume</b> in cubic inches			106.392 cu. in.
Item 6	<b>Exam volume acheived</b> (sq. in.) in direction 1 X <b>length of weld achieved</b>	0.744	35.75	26.598 cu. In.
Item 7	<b>Exam volume acheived</b> (sq. in.) in direction 2 X <b>length of weld achieved</b>	0.744	35.75	26.598 cu. In.
Item 8	<b>Exam volume acheived</b> (sq. in.) in direction 3 X <b>length of weld achieved</b>	0.744	35.75	26.598 cu. In.
Item 9	<b>Exam volume acheived</b> (sq. in.) in direction 4 X <b>length of weld achieved</b>	0	0	0 cu. In.
Item 10	Determined the <b>acheived exam volume</b> add 6, 7, 8 & 9			79.794 cu. In.
Item 11	Exam <b>volume percentage</b> item 10/item 5 x 100			75 %

**INFORMATION ONLY**

*Jan N...*  
4/29/09  
One sided exam  
limitation due to valve