

TVA

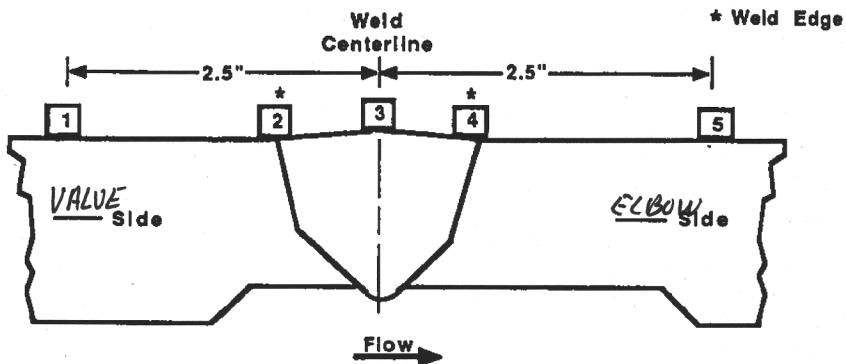
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R. P. 1426

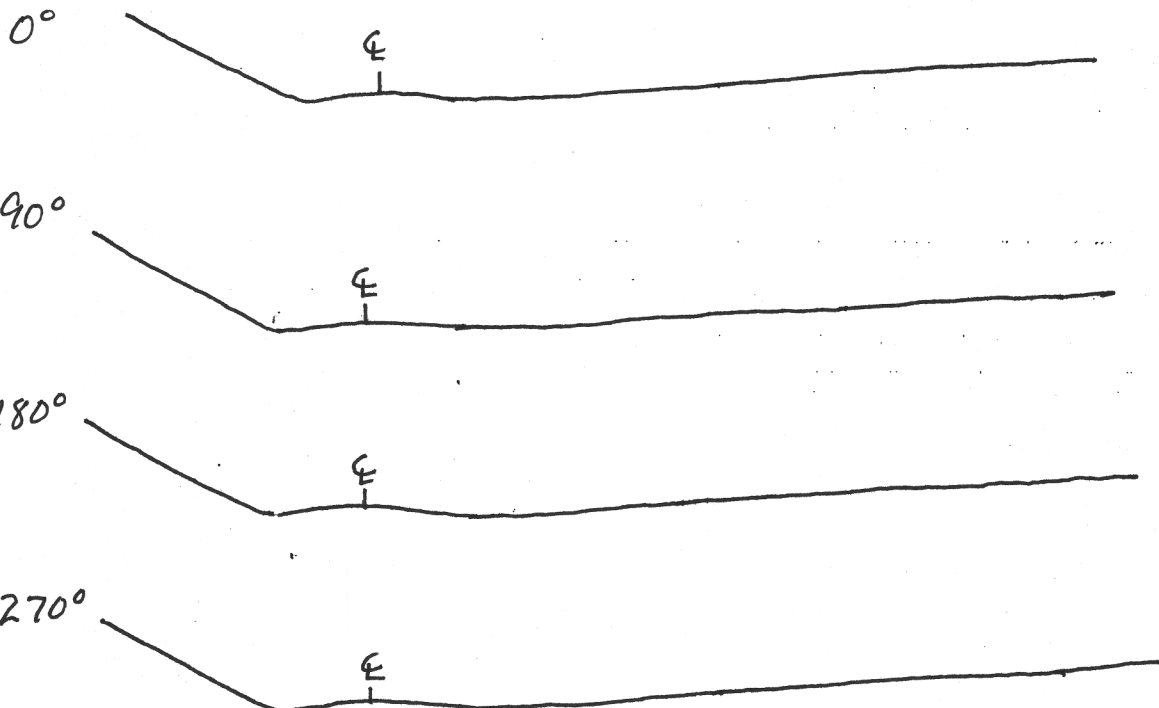
PROJECT: WBNWELD NO: FWF-D213-03UNIT: 2SYSTEM: AFWSRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	*	*	*	*
2	.626	.700	.585	.532
3	.633	.680	.593	.559
4	.529	.643	.530	.633
5	.544	.588	.552	.636

CROWN HEIGHT: .0625 DIAMETER: 6.0CROWN WIDTH: .90 WELD LENGTH: 22.25

VALVE

FLOW

2011-19-11  
PIPE ELBOW

\* No thickness reading taken due to valve configuration.

EXAMINER: [Signature]  
LEVEL: II  
DATE: 01-20-11REVIEWED BY: [Signature]  
LEVEL: III DATE: 1-20-11ANII: B. Earnings  
DATE: 2/9/11  
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**TVA**

Office of Nuclear Power

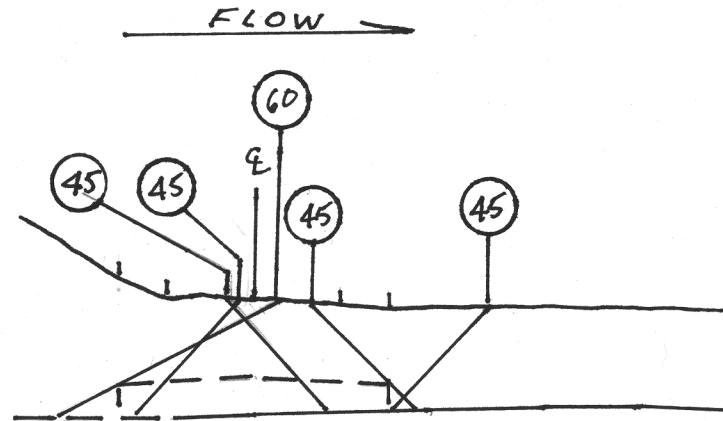
PROJECT: WBN SYSTEM: AFWS

UNIT: 2 WELD NO: FWF-D213-03

REPORT NO.:

R-D1426

VALVE



ELBOW

49.6° impingement angle valve side

BY: Jose Alejandro Jose Alejandro LEVEL: II DATE: 01-20-11 PAGE 6 OF 7

R.D1426

# Watts Bar Unit 2

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured Fields	Calculated Fields
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Worksheet Version 1.0 dated 07/01/09

WELD  
NUMBER

FWF-D213-03

Item 1	Required examination Volume in sq. in. (width x height)	1.4	0.15	0.21 sq. in.
Item 2	Number of <b>scan directions</b>			4 directions
Item 3	Total Scan <b>volume</b> in sq. in.			0.84 sq. in.
Item 4	Total <b>length</b> of weld			22.25 inches
Item 5	Total required <b>exam volume</b> in cubic inches			18.69 cu. in.
Item 6	<b>Exam volume acheived</b> (sq. in.) in direction 1 X <b>length of weld achieved</b>	0.06075	22.25	1.3516875 cu. In.
Item 7	<b>Exam volume acheived</b> (sq. in.) in direction 2 X <b>length of weld achieved</b>	0.21	22.25	4.6725 cu. In.
Item 8	<b>Exam volume acheived</b> (sq. in.) in direction 3 X <b>length of weld achieved</b>	0.21	22.25	4.6725 cu. In.
Item 9	<b>Exam volume acheived</b> (sq. in.) in direction 4 X <b>length of weld achieved</b>	0.21	22.25	4.6725 cu. In.
Item 10	Determined the <b>acheived exam volume</b> add 6, 7, 8 & 9			15.369188 cu. In.
Item 11	Exam <b>volume percentage</b> item 10/item 5 x 100			82.23 %

Scan limitation due to configuration of valve.

Initials  
JA  
Date  
01/21/2011