

TVA

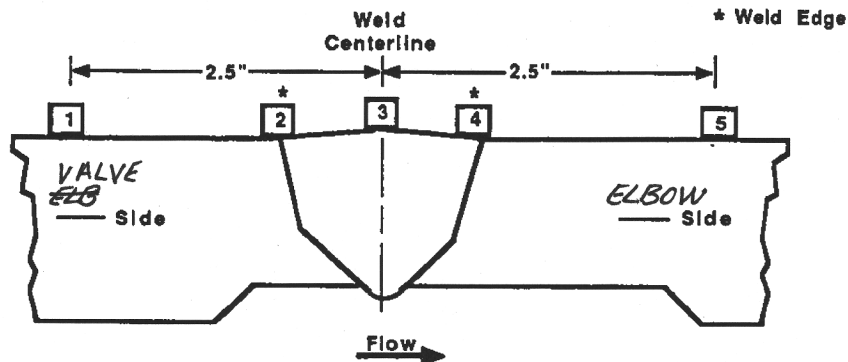
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R.P1429

PROJECT: WBNWELD NO: FWF-D212-04UNIT: 2SYSTEM: AFWSRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0°

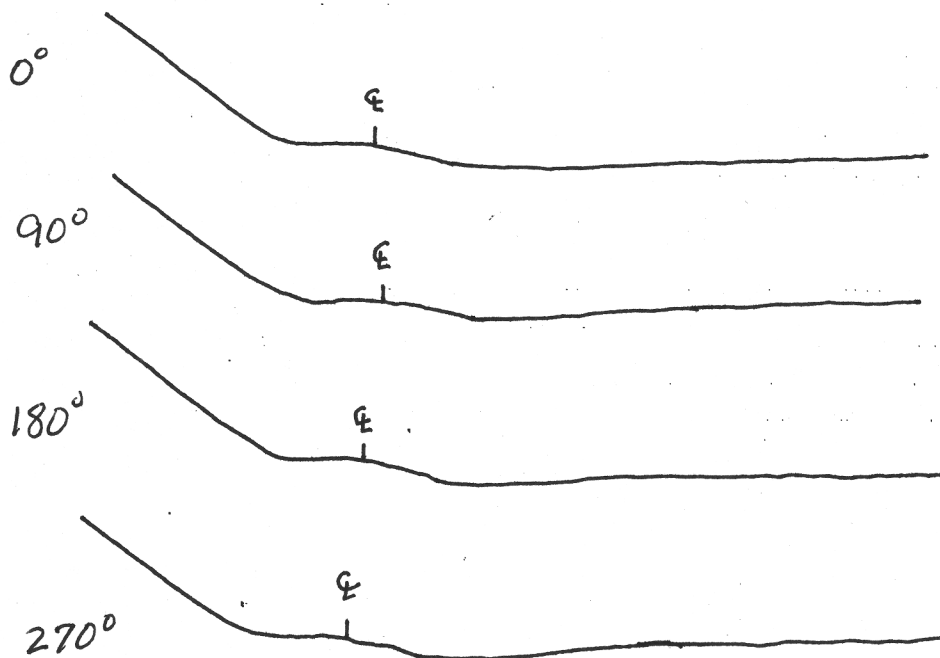
Position	0°	90°	180°	270°
1	*	*	*	*
2	.562	.563	.544	.535
3	.612	.607	.586	.583
4	.544	.686	.597	.596
5	.538	.608	.563	.689

CROWN HEIGHT: .0625 DIAMETER: 6.0CROWN WIDTH: 1.0 WELD LENGTH: 21.75

VALVE

FLOW

ELBOW

EXAMINER: Michael Clements  
LEVEL: II  
DATE: 01-20-11REVIEWED BY: Darlene Duley  
LEVEL: III DATE: 1-20-11ANII: B. Earnigh  
DATE: 2/12/11  
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TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: AFWS

UNIT: 2 WELD NO: FWF-D212-04

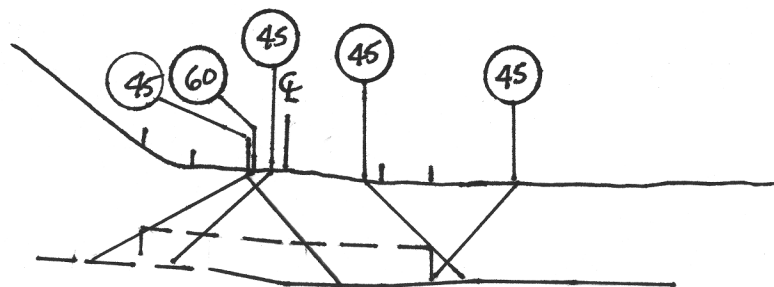
REPORT NO.:

R.P1429

VALVE

FLOW →

ELBOW



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

# Watts Bar Unit 2

R-D1429

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured  
Fields

Calculated  
Fields

Worksheet Version 1.0 dated 07/01/09

WELD  
NUMBER

FWF-D212-04

Item 1

Required examination Volume in sq. in.  
(width x height)

1.5

0.2

0.3

sq. in.

Item 2

Number of scan directions

4 directions

Item 3

Total Scan volume in sq. in.

1.2 sq. in.

Item 4

Total length of weld

21.75 inches

Item 5

Total required exam volume in cubic  
inches

26.1 cu. in.

Item 6

Exam volume acheived (sq. in.) in  
direction 1 X length of weld achieved

0.11

21.75

2.3925 cu. In.

Item 7

Exam volume acheived (sq. in.) in  
direction 2 X length of weld achieved

0.3

21.75

6.525 cu. In.

Item 8

Exam volume acheived (sq. in.) in  
direction 3 X length of weld achieved

0.3

21.75

6.525 cu. In.

Item 9

Exam volume acheived (sq. in.) in  
direction 4 X length of weld achieved

0.3

21.75

6.525 cu. In.

Item 10

Determined the acheived exam volume  
add 6, 7, 8 & 9

21.9675 cu. In.

Item 11

Exam volume percentage item 10/item 5  
x 100

84.17 %

Scan limitation due to configuration of  
valve.

Initials  
JA

Date  
01/21/2011

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