

TVA

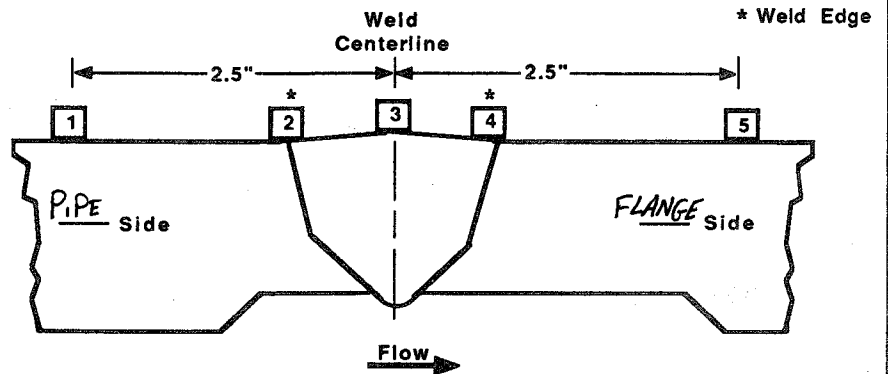
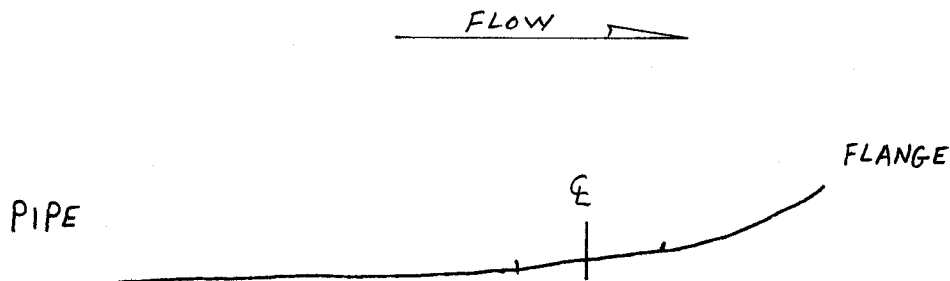
WALL THICKNESS
PROFILE SHEET

REPORT NO:

R. PILLB

PROJECT: WBNWELD NO: SIF-B-T090-06UNIT: 2SYSTEM: SISRecord Thickness Measurements As
Indicated, Including Weld Width,
Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	.35	.35	.34	.34
2	.35	.35	.34	.34
3	.40	.42	.40	.40
4	.43	.42	.41	.43
5				

CROWN HEIGHT: .05"DIAMETER: 2.0"CROWN WIDTH: .75"WELD LENGTH: 7.75"

NO #5 READINGS DUE TO FLANGE

EXAMINER: JASON POLISENSKY

LEVEL: II

DATE: 06/02/10

REVIEWED BY: Jason Polonsky

LEVEL: III DATE: 6-15-10

ANII: THC

DATE: 7-16-10

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TVA

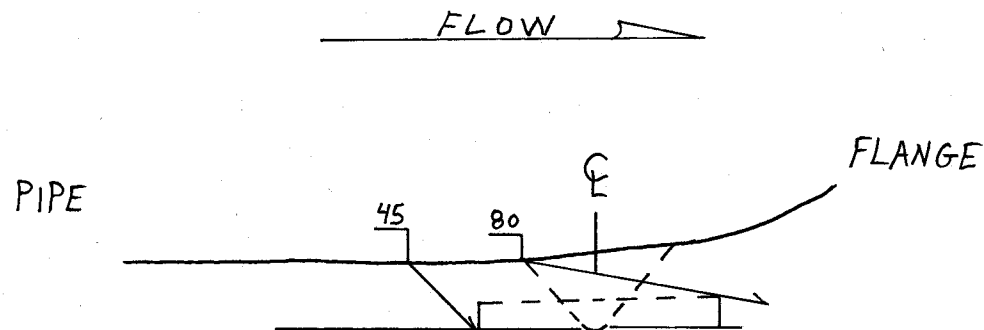
Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

UNIT: 2 WELD NO: SIF-B-T090-06

REPORT NO.:

R. P1116



$$\frac{ID \ 1.66''}{OD \ 2.46''} = .67 \text{ RATIO} = 47.9^\circ \text{ MAX CIRC ANGLE}$$

EXAMINATION PERFORMED TO QUALIFIED SECTOR SCAN ANGLES OF 35° TO 80° AX & CIRC 35° TO 70°

BY: Jason Polisenky JASON POLISENSKY LEVEL: II DATE: 06/02/10 PAGE 5 OF 6

Watts Bar Unit 2

TVA Procedure N-GP-31
Attachments 3 & 4Measured
FieldsCalculated
Fields

Worksheet Version 1.0 dated 07/01/09

WELD
NUMBER

SIF-B-T090-06

Item 1

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

1.25

0.11

0.1375 sq. in.

Item 2

Number of scan directions

4 directions

Item 3

Total Scan volume in sq. in.

0.55 sq. in.

Item 4

Total length of weld

7.75 inches

Item 5

Total required exam volume in cubic
inches

4.2625 cu. in.

Item 6

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

0.1375

7.75

1.065625 cu. In.

Item 7

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

0.1375

7.75

1.065625 cu. In.

Item 8

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

0.1375

7.75

1.065625 cu. In.

Item 9

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

0

7.75

0 cu. In.

Item 10

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

3.196875 cu. In.

Item 11

Exam volume percentage item 10/item 5
x 100

75.00 %

No Scan #4, limitation due to flange

Initials
JAPDate
06/02/2010

0.18