

TVA

Office of Nuclear Power

PROJECT: WBN

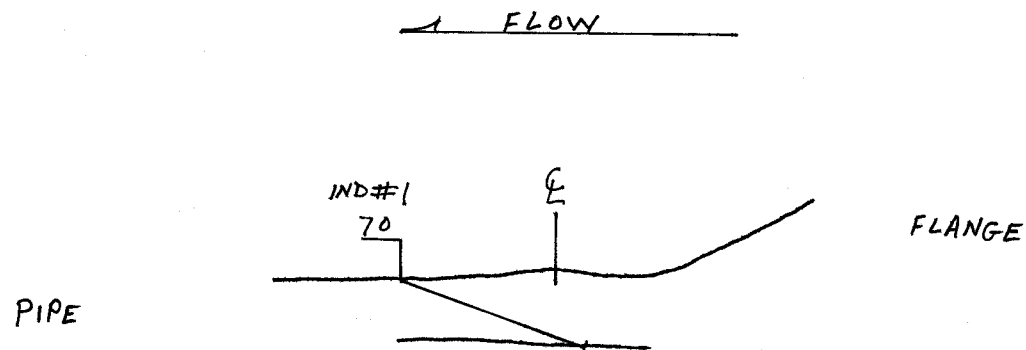
SYSTEM: SIS

REPORT NO.:

UNIT: 2

WELD NO: SIF-B-T071-00

R.P1107



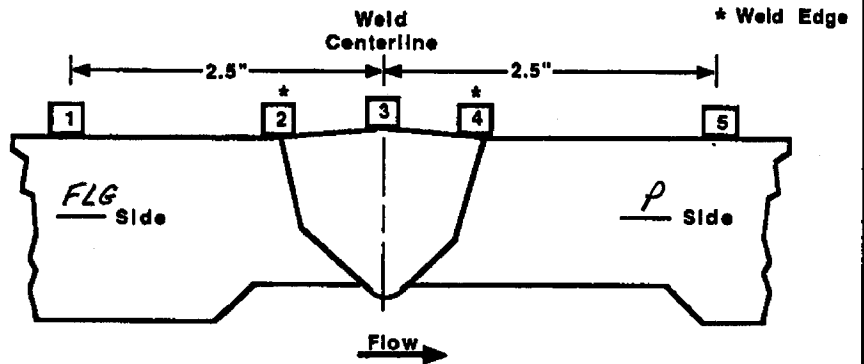
BY: Jason Polinsky JASON POLISKY LEVEL: II DATE: 05/27/10 PAGE 5 OF 8

TVA	WALL THICKNESS PROFILE SHEET	REPORT NO: <span style="font-size: 18pt; font-family: cursive;">R-P1107</span>
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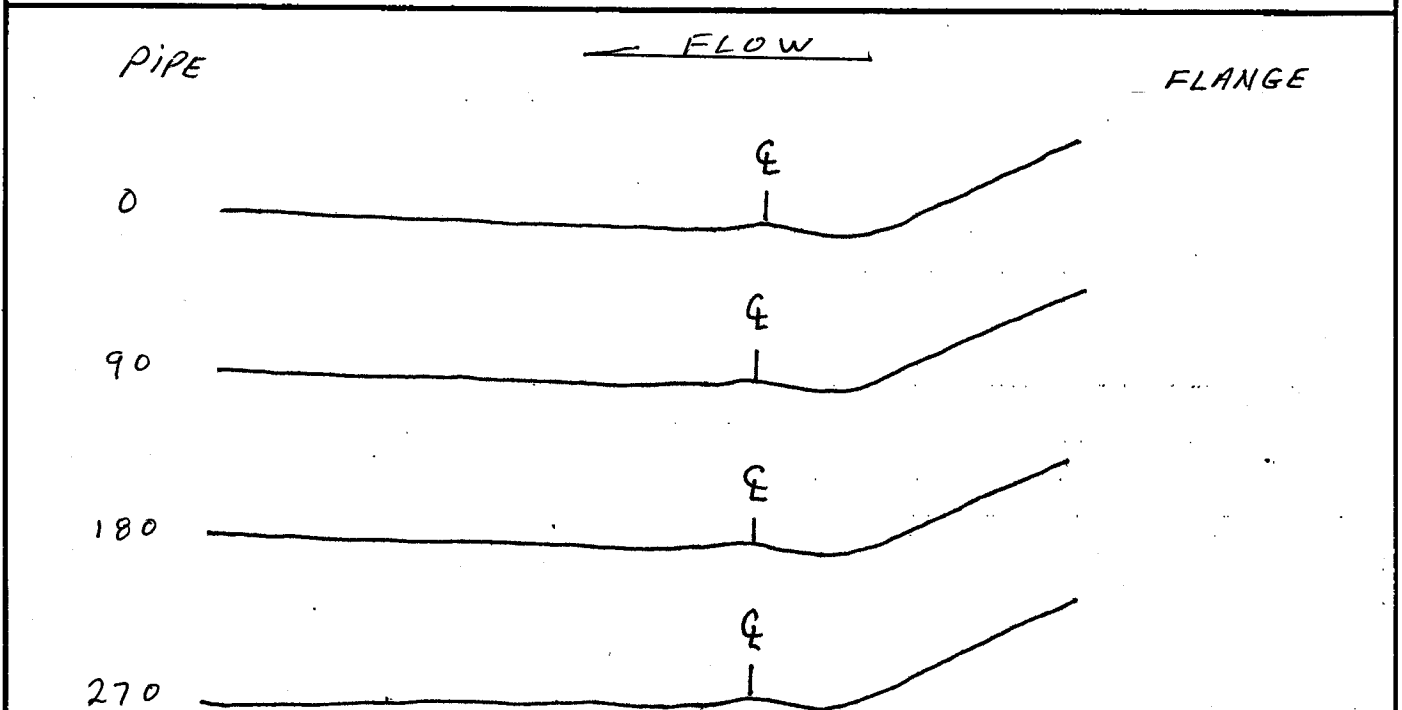
PROJECT: <u>WBN</u> UNIT: <u>2</u>	WELD NO: <u>SIF-B-T071-08</u> SYSTEM: <u>SIS</u>
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Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	*	*	*	*
2	.372	.389	.370	.374
3	.401	.406	.390	.389
4	.330	.318	.320	.329
5	.336	.321	.331	.387



CROWN HEIGHT: <u>.0625</u>	DIAMETER: <u>2.0</u>
CROWN WIDTH: <u>.4375</u>	WELD LENGTH: <u>7.75</u>



\* No thickness reading taken due to <sup>flange</sup> valve configuration.

EXAMINER: <u>M. Clemente</u> LEVEL: <u>II</u> DATE: <u>05-26-10</u>	REVIEWED BY: <u>Deanne Deley</u> LEVEL: <u>III</u> DATE: <u>6-12-10</u>	ANI: <u>ML</u> DATE: <u>7-16-10</u> PAGE <u>6</u> OF <u>      </u>
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**TVA**

**Office of Nuclear Power**

PROJECT: WBN SYSTEM: SIS

UNIT: 2 WELD NO: SIF-B-T071-08

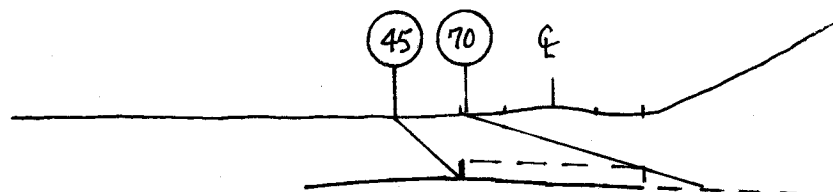
REPORT NO.:

R.D1107

PIPE

← FLOW

FLANGE



$$\frac{ID \ 1.78''}{OD \ 2.47''} = .72 \text{ RATIO} = 46^\circ \text{ MAX CIRC ANGLE}$$

BY: José Alejandro McLeyandro LEVEL: II DATE: 05-26-10 PAGE 7 OF 8

# Watts Bar Unit 2

R. P1107

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured  
Fields

Calculated  
Fields

Worksheet Version 1.0 dated 07/01/09

WELD  
NUMBER

SIF-B-T071-08

Item 1

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

0.95	0.11	0.1045	sq. in.
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Item 2

Number of scan directions

4	directions
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Item 3

Total Scan volume in sq. in.

0.418	sq. in.
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Item 4

Total length of weld

7.75	inches
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Item 5

Total required exam volume in cubic  
inches

3.2395	cu. in.
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Item 6

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

0.1045	7.75	0.809875	cu. In.
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Item 7

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

0.1045	7.75	0.809875	cu. In.
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Item 8

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

0.1045	7.75	0.809875	cu. In.
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Item 9

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

0	7.75	0	cu. In.
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Item 10

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

2.429625	cu. In.
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Item 11

Exam volume percentage item 10/item 5  
x 100

75.00	%
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No Scan #3, limitation due to flange

Initials

JAP

Date

05/27/2010

0.18

Page 8 of 8