

TVA

WALL THICKNESS
PROFILE SHEET

REPORT NO:

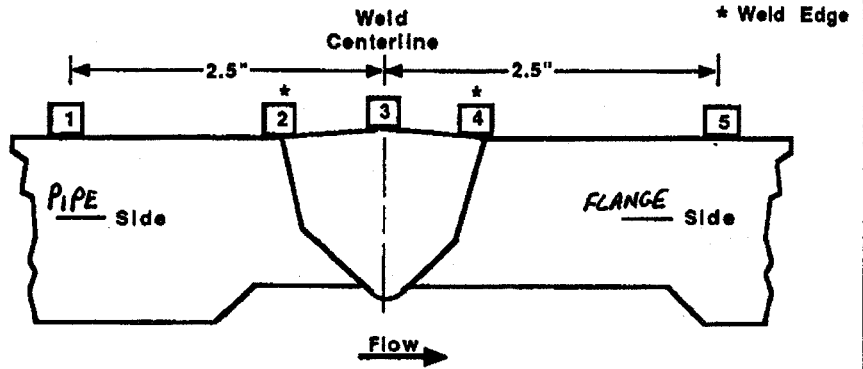
R-P0646

PROJECT: WBN
UNIT: 2

WELD NO: SIF-B-T107-04
SYSTEM: SIS

Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	.27			
2	.27			
3	.23			
4	.24			
5	N/A			



CROWN HEIGHT: 0.0625 DIAMETER: 1.50
CROWN WIDTH: .450 WELD LENGTH: 6.25

PIPE

FLOW

FLANGE

0°

E

EXAMINER: Jason Polinsky
LEVEL: II
DATE: 07/07/09

REVIEWED BY: Jason Polinsky
LEVEL: IV DATE: 7/14/09

ANII: [Signature]
DATE: 7/29/09
PAGE 4 OF 5

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: S15

UNIT: 2 WELD NO: SIF-B-T107-H

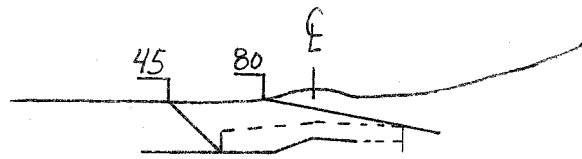
REPORT NO.:

R-P0646

PIPE

FLOW 

FLANGE



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

R. Polak

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

SIF-B-T107-04

Item 1	Required examination Volume in sq. in. (width x height)	0.95	0.13	0.1235 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.			0.494 sq. in.
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Item 4	Total length of weld			6.25 inches
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Item 5	Total required exam volume in cubic inches			3.0875 cu. in.
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Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.1235	6.25	0.771875 cu. In.
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Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	0	6.25	0 cu. In.
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Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	0.06175	6.25	0.3859375 cu. In.
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Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0.06175	6.25	0.3859375 cu. In.
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Item 10	Determined the acheived exam volume add 6, 7, 8 & 9			1.54375 cu. In.
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Item 11	Exam volume percentage item 10/item 5 x 100			50.00 %
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Comments SINGLE SIDED DUE TO FLANGE

Initials *JP*

AS WELDED

Date 07/07/09

INFORMATION ONLY