

TVA

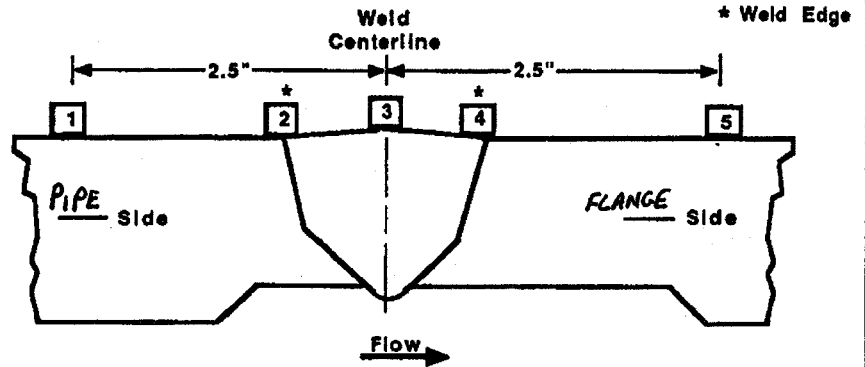
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R-P0646

PROJECT: WBNWELD NO: SIF-B-T107-04UNIT: 2SYSTEM: SISRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0°

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

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

PIPE

FLOW

FLANGE

0°

E

EXAMINER: Jason PolinskyJASON  
POLINSKYREVIEWED BY: Jason PolinskyANII: JDLEVEL: IILEVEL: IVDATE: 7/14/09DATE: 7/29/09DATE: 07/07/09PAGE 4 OF 5

**TVA**

**Office of Nuclear Power**

**PROJECT:** WBN

**SYSTEM:** S15


**REPORT NO.:**

**UNIT:** 2

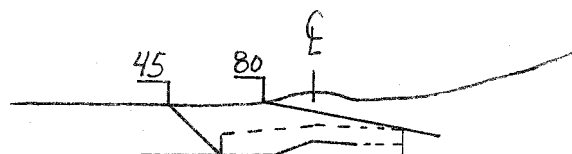
**WELD NO:** SIF-B-T107-H

R-P0646

PIPE

Flow 

FLANGE



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

BY: Jason Polinsky

JASON POLISENSKY

LEVEL: II

DATE: 07/07/09

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R. P. 0646

## 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.

Item 2

Number of scan directions

4 directions

Item 3

Total Scan volume in sq. in.

0.494

sq. in.

Item 4

Total length of weld

6.25

inches

Item 5

Total required exam volume in cubic inches

3.0875

cu. in.

Item 6

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

0.1235

6.25

0.771875

cu. In.

Item 7

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

0

6.25

0

cu. In.

Item 8

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

0.06175

6.25

0.3859375

cu. In.

Item 9

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

0.06175

6.25

0.3859375

cu. In.

Item 10

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

1.54375

cu. In.

Item 11

Exam volume percentage item 10/item 5  
x 100

50.00

%

Comments SINGLE SIDED DUE TO FLANGE

Initials

JAP

Date

07/07/09

AS WELDED

INFORMATION ONLY