

TVA

WALL THICKNESS  
PROFILE SHEET

REPORT NO:

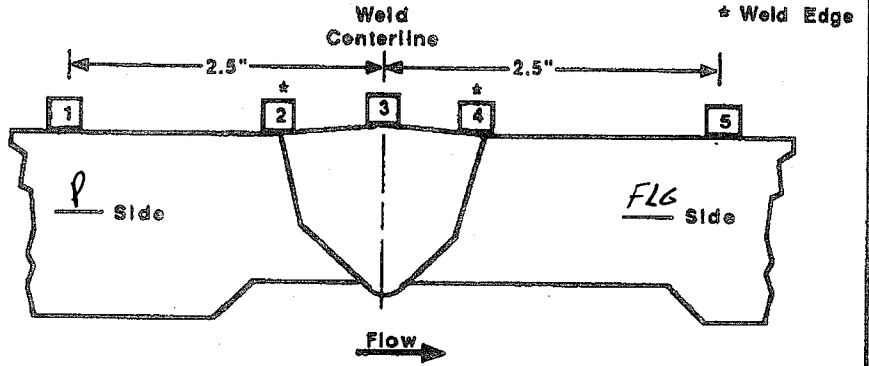
R-P1162

PROJECT: WBN  
UNIT: 2

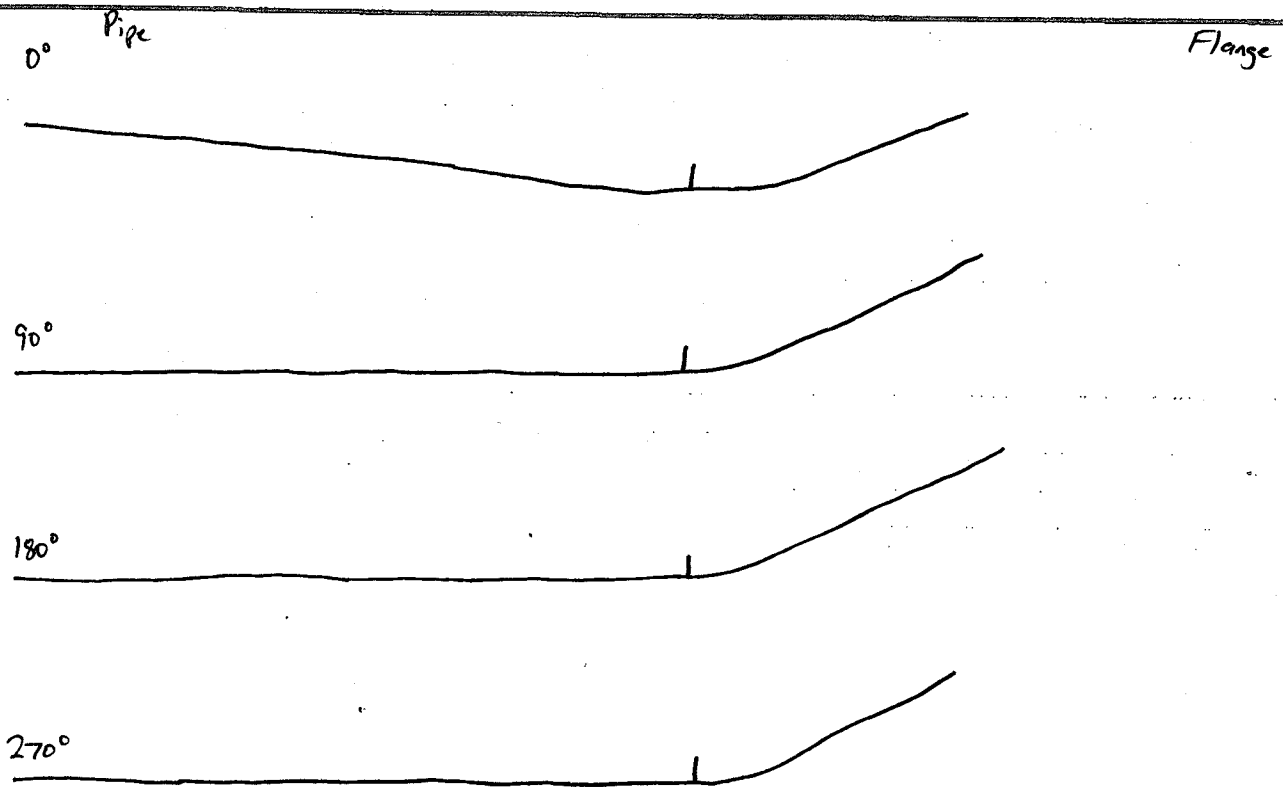
WELD NO: SIF-D118-13A  
SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	.517	.563	.589	.540
2	.496	.541	.560	.532
3	.512	.589	.565	.572
4	.558	.564	.563	.609
5	.817	.823	.819	.820



CROWN HEIGHT: Flush DIAMETER: 4"  
CROWN WIDTH: .7 WELD LENGTH: 14.25"



EXAMINER: Broadhangster REVIEWED BY: Amendulog ANII: ML  
LEVEL: II LEVEL: IV DATE: 6-21-10 DATE: 7-21-10  
DATE: 6-17-10 DATE: 6-21-10 PAGE 4 OF 5

TVA

Office of Nuclear Power

PROJECT: WBN

SYSTEM: SIS


REPORT NO.:

UNIT: 2

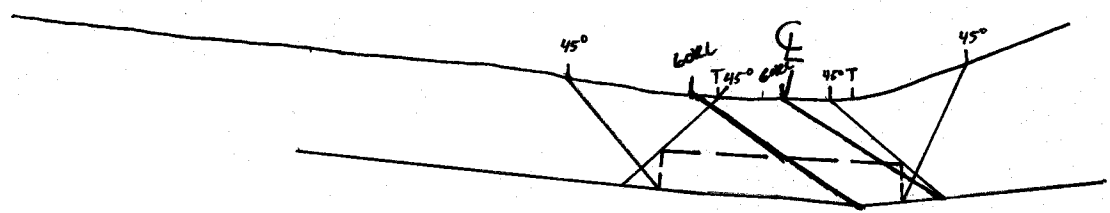
WELD NO: SIF-D118-13A

R-11162

Pipe

Flow 

Flange



BY: Brad Langston 

LEVEL: II

DATE: 6-17-10

PAGE 6 OF 7

DO 6-21-10

# Watts Bar Unit 2

*R. Pilla*

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured Fields	Calculated Fields
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Worksheet Version 2.0 dated 10/21/09

**WELD  
NUMBER**

SIF-D118-13A

Item 1	Required examination Volume in sq. in. <b>(width x height)</b>	1.3	0.2	0.26	sq. in.
Item 2	Number of <b>scan directions</b>	4 directions			
Item 3	Total Scan <b>volume</b> in sq. in.	1.04 sq. in.			
Item 4	Total <b>length</b> of weld	14.25 inches			
Item 5	Total required <b>exam volume</b> in cubic inches	14.82 cu. in.			
Item 6	<b>Exam volume acheived</b> (sq. in.) in direction 1 X <b>length of weld achieved</b>	0.26	14.25	3.705	cu. In.
Item 7	<b>Exam volume acheived</b> (sq. in.) in direction 2 X <b>length of weld achieved</b>	14.25 0 cu. In.			
Item 8	<b>Exam volume acheived</b> (sq. in.) in direction 3 X <b>length of weld achieved</b>	0.26	14.25	3.705	cu. In.
Item 9	<b>Exam volume acheived</b> (sq. in.) in direction 4 X <b>length of weld achieved</b>	0.26	14.25	3.705	cu. In.
Item 10	Determined the <b>acheived exam volume</b> add 6, 7, 8 & 9	11.115 cu. In.			
Item 11	<b>Exam volume percentage</b> item 10/item 5 x 100	75.00 %			

Scan 4 not examined  
Due to Pipe to Flange configuration  
Exam was single sided                      2mhz  
RL 60 was used  
Per Procedure UT-64 Rev11

<b>Initials</b> BAL
<b>Date</b> 06/25/2010