

**TVA**

**WALL THICKNESS  
PROFILE SHEET**

REPORT NO:

*R. P. 1180*

PROJECT: WBN

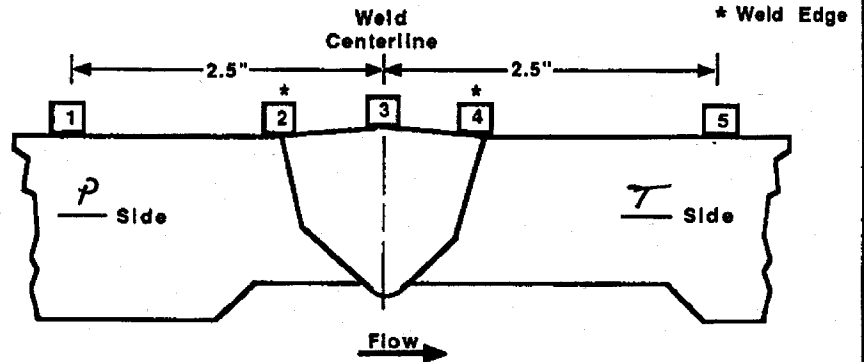
WELD NO: SIF-D194-15

UNIT: 2

SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	.900	.849	.902	.940
2	.829	.855	.915	.825
3	.860	.864	.885	.911
4	.887	.837	.905	.873
5	*	*	*	*



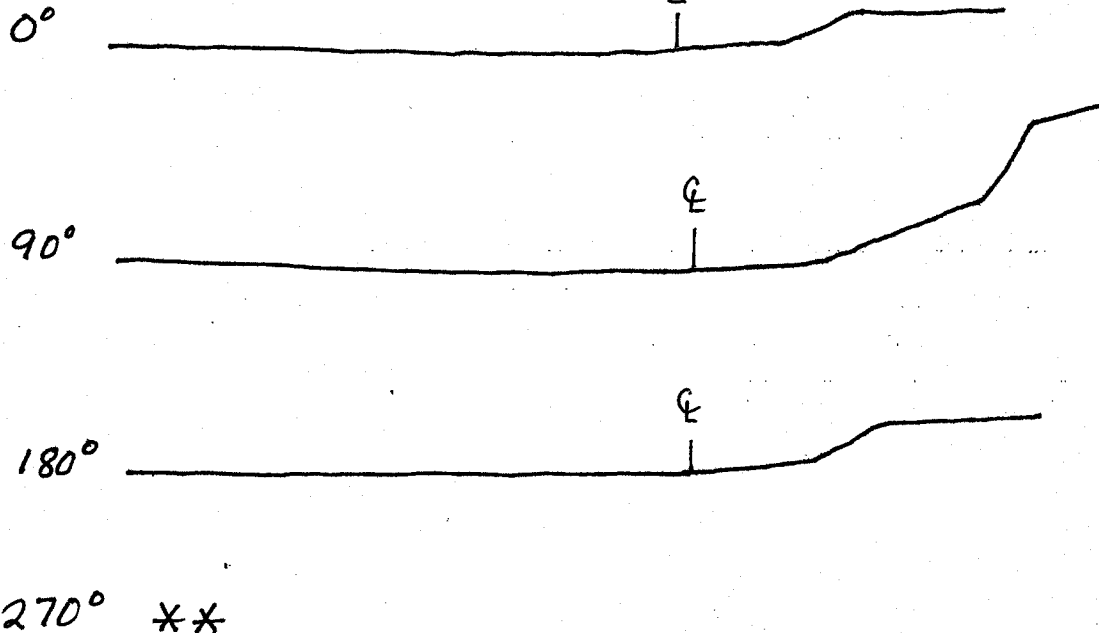
CROWN HEIGHT: FLUSH DIAMETER: 8.0

CROWN WIDTH: .75 WELD LENGTH: 27.0

PIPE

FLOW →

TEE



\* No thickness reading taken due to Tee geometry.  
 \*\* No profile taken due to <sup>no</sup> contour gage access to area.

EXAMINER: *Mike Cleveland*  
 LEVEL: II  
 DATE: 06-23-10

REVIEWED BY: *Doreen Tuley*  
 LEVEL: IV DATE: 7-5-10

ANII: *And*  
7-21-10  
 DATE: \_\_\_\_\_  
 PAGE 5 OF 7

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

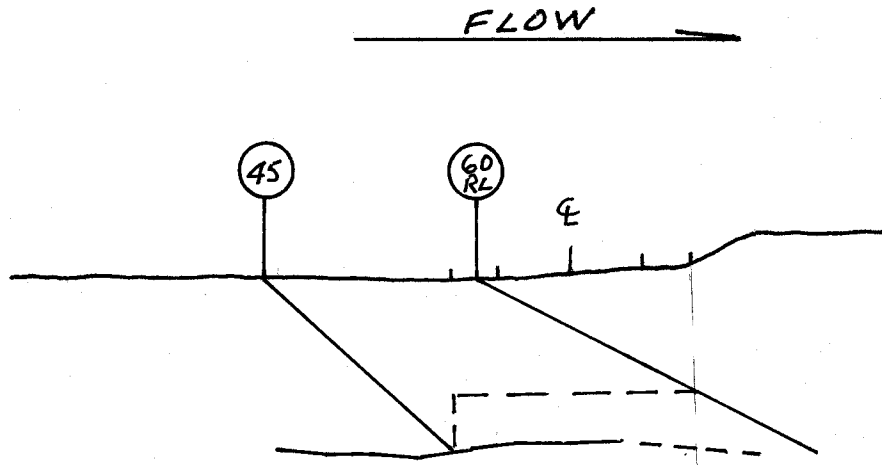
UNIT: 2 WELD NO: SIF-D194-15

REPORT NO.:

R.P1180

PIPE

TEE



BY: Jose Alejandro Puel Alejandro LEVEL: II DATE: 06-23-10 PAGE 6 OF 7

# Watts Bar Unit 2

R. D. 1180

**TVA Procedure N-GP-31  
Attachments 3 & 4**

Measured Fields	Calculated Fields
-----------------	-------------------

Worksheet Version 1.0 dated 07/01/09

**WELD NUMBER**

SIF-D194-15

Item 1	Required examination Volume in sq. in. (width x height)	0.25	1.25	0.3125	sq. in.
Item 2	Number of scan directions			4	directions
Item 3	Total Scan volume in sq. in.			1.25	sq. in.
Item 4	Total length of weld			27	inches
Item 5	Total required exam volume in cubic inches			33.75	cu. in.
Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.3125	27	8.4375	cu. In.
Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	0	0	0	cu. In.
Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	0.3125	27	8.4375	cu. In.
Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0.3125	27	8.4375	cu. In.
Item 10	Determined the acheived exam volume add 6, 7, 8 & 9			25.3125	cu. In.
Item 11	Exam volume percentage item 10/item 5 x 100			75.00	%

No Scan #4, due to Tee cofiguration

**Initials**

JA

**Date**

06/28/2010

0.18

Page 7 of 7