

TVA

WALL THICKNESS  
PROFILE SHEET

REPORT NO:

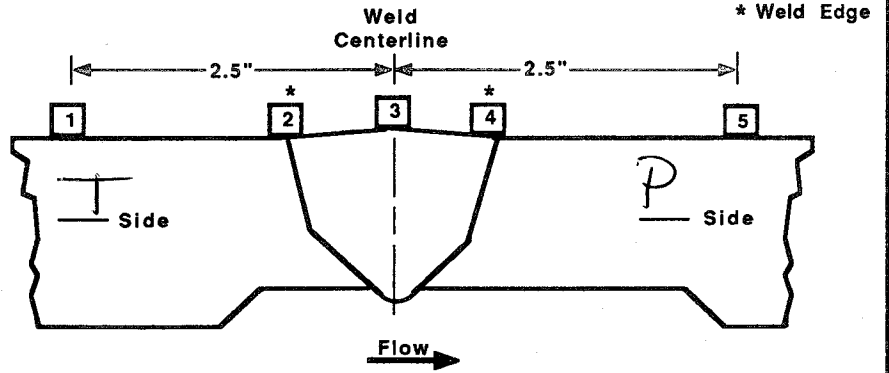
R.P1079

PROJECT: WBN  
UNIT: 2

WELD NO: SIF-D110-06  
SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	.49	NA	.43	N/A
2	.39	.39	.39	.38
3	.40	.46	.42	.43
4	.32	.32	.32	.32
5	.32	.32	.32	.33

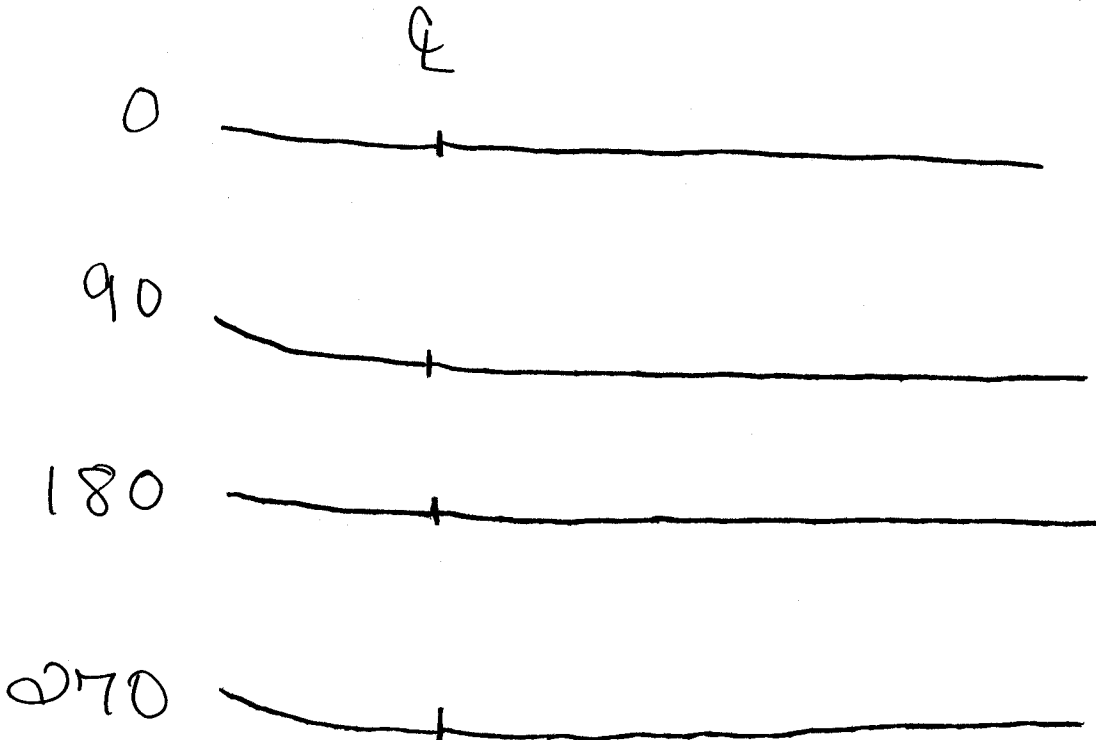


CROWN HEIGHT: flush  
CROWN WIDTH: .7"

DIAMETER: 4"  
WELD LENGTH: 14 1/4"

TEE

PIPE



EXAMINER: Jason Pol-Sensky JASON POL-SENSKY  
LEVEL: II  
DATE: 05/18/10

REVIEWED BY: Deborah Dineen  
LEVEL: IV DATE: 5-24-10

ANII: [Signature]  
DATE: 7-15-10  
PAGE 5 OF 7

TVA


Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

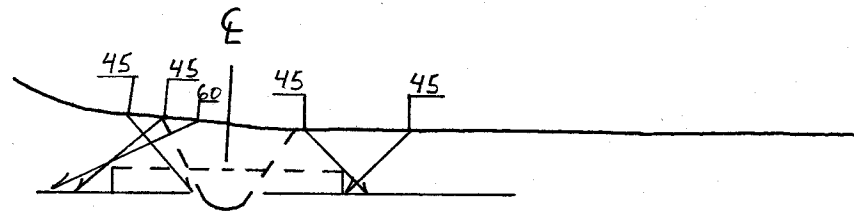
UNIT: 2 WELD NO: SIF-D116-06

REPORT NO.:

R-81079

FLOW 

TEE



PIPE

$$\frac{ID\ 3.68''}{OD\ 4.54''} = .81\ RATID = 54.1^\circ\ MAX\ CIRC\ ANGLE$$

# Watts Bar Unit 2

R. P. 1079

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured  
Fields

Calculated  
Fields

Worksheet Version 1.0 dated 07/01/09

**WELD  
NUMBER**

SIF-D116-06

Item 1 Required examination Volume in sq. in.  
(width x height) 1.25      0.15      0.1875 sq. in.

Item 2 Number of scan directions 4 directions

Item 3 Total Scan volume in sq. in. 0.75 sq. in.

Item 4 Total length of weld 14.375 inches

Item 5 Total required exam volume in cubic inches 10.78125 cu. in.

Item 6 Exam volume acheived (sq. in.) in direction 1 X length of weld achieved 0.1875      6.375      1.1953125 cu. In.

Item 7 Exam volume acheived (sq. in.) in direction 2 X length of weld achieved 0.1875      14.375      2.6953125 cu. In.

Item 8 Exam volume acheived (sq. in.) in direction 3 X length of weld achieved 0.1875      14.375      2.6953125 cu. In.

Item 9 Exam volume acheived (sq. in.) in direction 4 X length of weld achieved 0.1875      14.375      2.6953125 cu. In.

Item 10 Determined the acheived exam volume add 6, 7, 8 & 9 9.28125 cu. In.

Item 11 Exam volume percentage item 10/item 5 x 100 86.09 %

Scan #3 limitation due to tee branch

Initials  
BAL

Date  
05/20/2010

0.18

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