

TVA

WALL THICKNESS
PROFILE SHEET

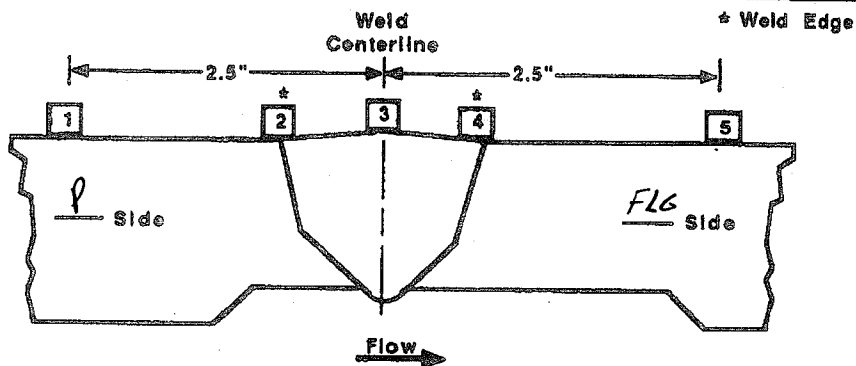
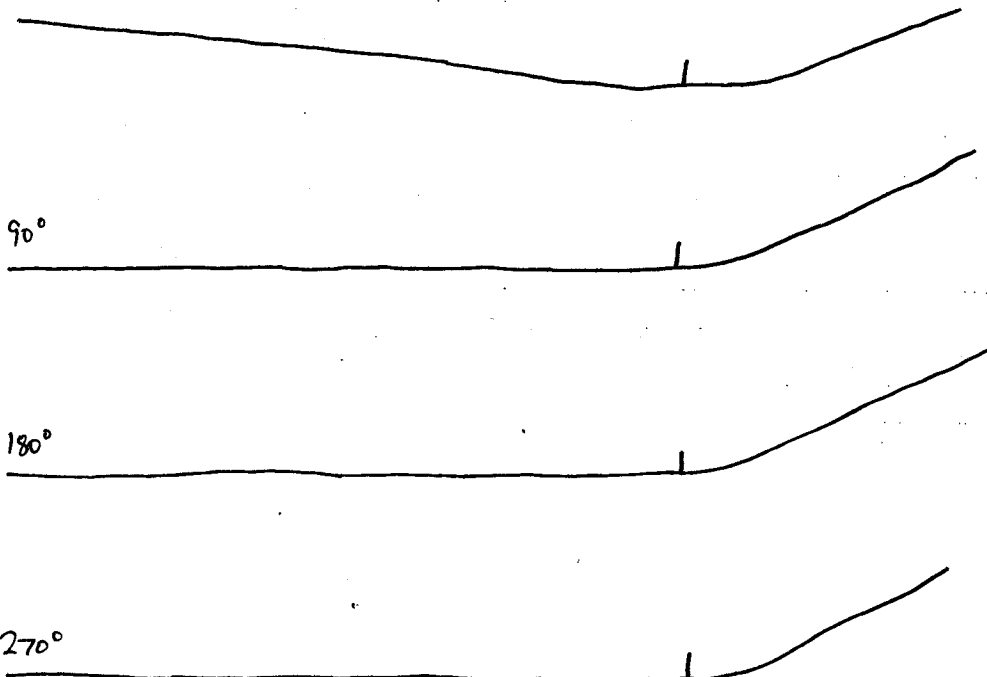
REPORT NO:

R-P1162

PROJECT: WBNWELD NO: SIF-D118-13AUNIT: 2SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	.519	.563	.589	.540
2	.496	.541	.560	.532
3	.512	.589	.565	.572
4	.558	.564	.563	.609
5	.817	.823	.815	.820

CROWN HEIGHT: FlushDIAMETER: 4"CROWN WIDTH: .7WELD LENGTH: 14.25"0° PipeFlangeEXAMINER: Brookhangster
LEVEL: II
DATE: 6-17-10REVIEWED BY: Amendulog
LEVEL: IV DATE: 6-21-10ANII: ML
DATE: 7-21-10
PAGE 4 OF 5

TVA

Office of Nuclear Power

PROJECT: WBN

SYSTEM: SIS

REPORT NO.:

UNIT: 2

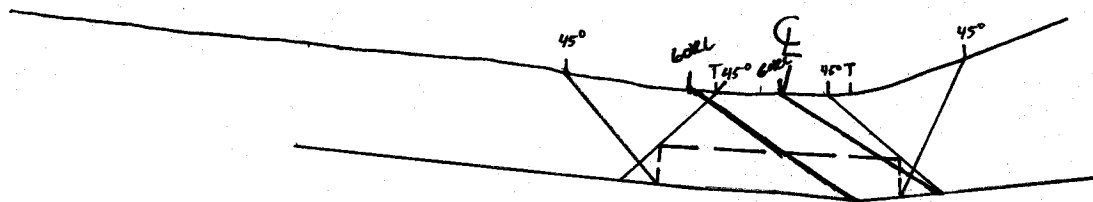
WELD NO: SIF-D118-13A

R-P1162

Pipe

Flow

Flange



BY: Brad Langston

LEVEL: II

DATE: 6-17-10

PAGE 6

OF 7

DO 6-29-10

Watts Bar Unit 2

R. Pilla

TVA Procedure N-GP-31

Attachments 3 & 4

Measured
Fields

Calculated
Fields

Worksheet Version 2.0 dated 10/21/09

WELD
NUMBER

SIF-D118-13A

Item 1 Required examination Volume in sq. in.
(width x height) 1.3 0.2 0.26 sq. in.

Item 2 Number of scan directions 4 directions

Item 3 Total Scan volume in sq. in. 1.04 sq. in.

Item 4 Total length of weld 14.25 inches

Item 5 Total required exam volume in cubic inches 14.82 cu. in.

Item 6 Exam volume acheived (sq. in.) in direction 1 X length of weld achieved 0.26 14.25 3.705 cu. In.

Item 7 Exam volume acheived (sq. in.) in direction 2 X length of weld achieved 14.25 0 cu. In.

Item 8 Exam volume acheived (sq. in.) in direction 3 X length of weld achieved 0.26 14.25 3.705 cu. In.

Item 9 Exam volume acheived (sq. in.) in direction 4 X length of weld achieved 0.26 14.25 3.705 cu. In.

Item 10 Determined the acheived exam volume add 6, 7, 8 & 9 11.115 cu. In.

Item 11 Exam volume percentage 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

Initials
BAL

Date
06/25/2010

Page 7 of 7