

TVA

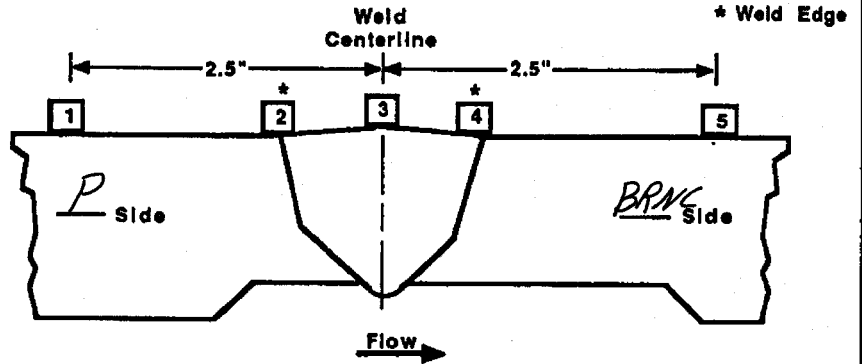
WALL THICKNESS
PROFILE SHEET

REPORT NO:

R-P0651

PROJECT: WATTS BAR NUCLEARWELD NO: SIF-B-T142-01UNIT: 2SYSTEM: SISRecord Thickness Measurements As
Indicated, Including Weld Width,
Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	.28			
2	.28			
3	.26			
4	.26			
5	N/A			

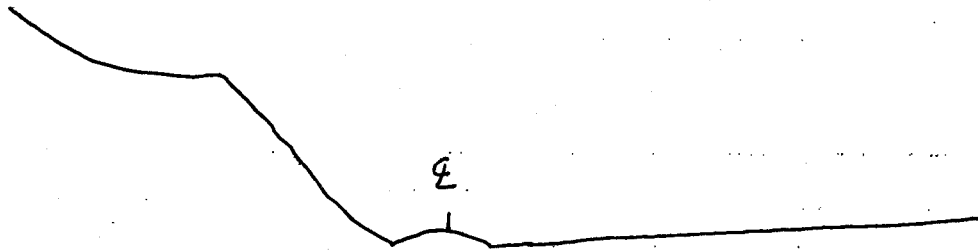
CROWN HEIGHT: 0.0625DIAMETER: 1.50CROWN WIDTH: .50WELD LENGTH: 6.25

BRANCH

— FLOW —

PIPE

0°



EXAMINER: Jason Polinsky JASON POLINSKY
LEVEL: II
DATE: 07/09/09

REVIEWED BY: David Dole
LEVEL: III DATE: 7.14.09

ANII: W
DATE: 7/29/09
PAGE 4 OF 5

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

REPORT NO.:

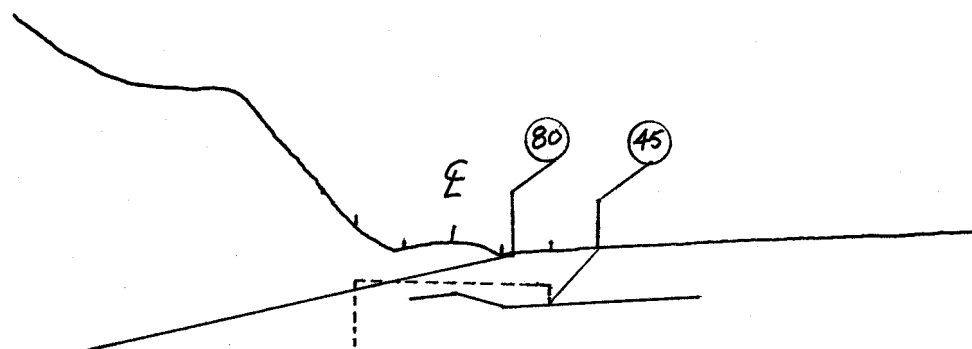
UNIT: 2 WELD NO: SIF-B-T/42-01

R-P0651

BRANCH

FLOW

PIPE



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

BY: Jason Polinsky

JASON POLISKY

LEVEL: II

DATE: 07/09/09

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Watts Bar Unit 2

TVA Procedure N-GP-31
Attachments 3 & 4Measured
FieldsCalculated
Fields

Worksheet Version 1.0 dated 07/01/09

WELD
NUMBER

SIF-B-T142-01

Item 1

Required examination Volume in sq. in.
(width x height)

1	0.13	0.13	sq. in.
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Item 2

Number of scan directions

4	directions
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Item 3

Total Scan volume in sq. in.

0.52	sq. in.
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Item 4

Total length of weld

6.25	inches
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Item 5

Total required exam volume in cubic
inches

3.25	cu. in.
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Item 6

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

0.12625	6.25	0.7890625	cu. In.
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Item 7

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

0	6.25	0	cu. In.
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Item 8

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

0.065	6.25	0.40625	cu. In.
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Item 9

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

0.065	6.25	0.40625	cu. In.
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Item 10

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

1.6015625	cu. In.
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Item 11

Exam volume percentage item 10/item 5
x 100

49.28	%
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Comments SINGLE SIDED DUE TO BRANCH CONNECTION.
AS WELDED
SCANS 5 & 6, DUCER SKEWED IN TOWARDS WELD

Initials

JOP

Date

07/09/09

INFORMATION ONLY