

TVA

WALL THICKNESS PROFILE SHEET

REPORT NO:

R-P0651

PROJECT: WATTS BAR NUCLEAR

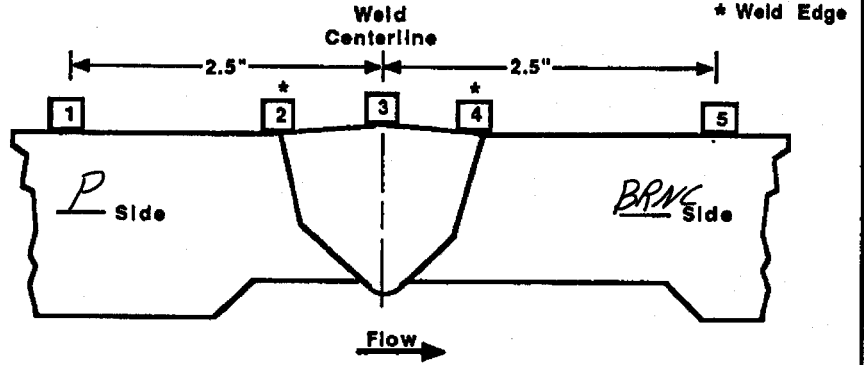
WELD NO: SIF-B-T142-01

UNIT: 2

SYSTEM: SIS

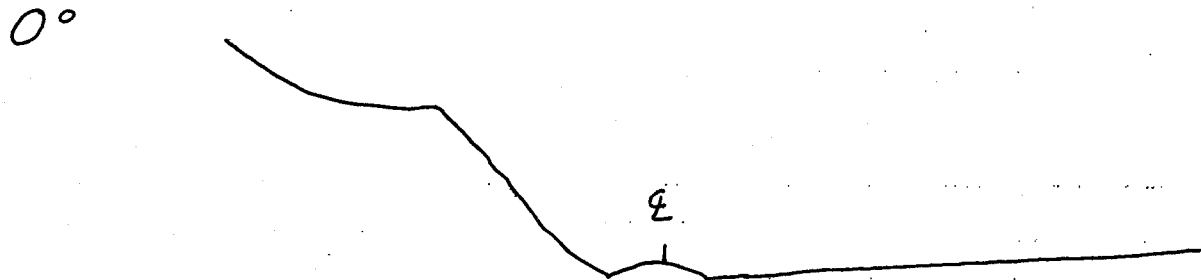
Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

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



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

BRANCH — FLOW PIPE



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

REVIEWED BY: [Signature]
 LEVEL: III DATE: 7.14.09

ANII: [Signature]
 DATE: 7/29/09
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Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-B-T142-01

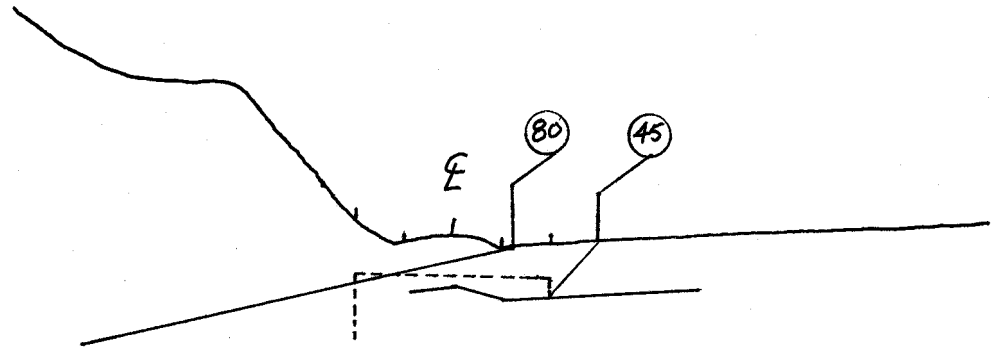
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FLOW

BRANCH

PIPE



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

BY: Jason Polinsky JASON POLISENSKY LEVEL: II DATE: 07/09/09 PAGE 5 OF 5

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Watts Bar Unit 2

TVA Procedure N-GP-31
Attachments 3 & 4

Measured Fields	Calculated Fields
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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.
Item 2	Number of scan directions			4	directions
Item 3	Total Scan volume in sq. in.			0.52	sq. in.
Item 4	Total length of weld			6.25	inches
Item 5	Total required exam volume in cubic inches			3.25	cu. in.
Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.12625	6.25	0.7890625	cu. In.
Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	0	6.25	0	cu. In.
Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	0.065	6.25	0.40625	cu. In.
Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0.065	6.25	0.40625	cu. In.
Item 10	Determined the acheived exam volume add 6, 7, 8 & 9			1.6015625	cu. In.
Item 11	Exam volume percentage item 10/item 5 x 100			49.28	%

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

Initials JOP
Date 07/09/09