

TVA

WALL THICKNESS
PROFILE SHEET

REPORT NO:

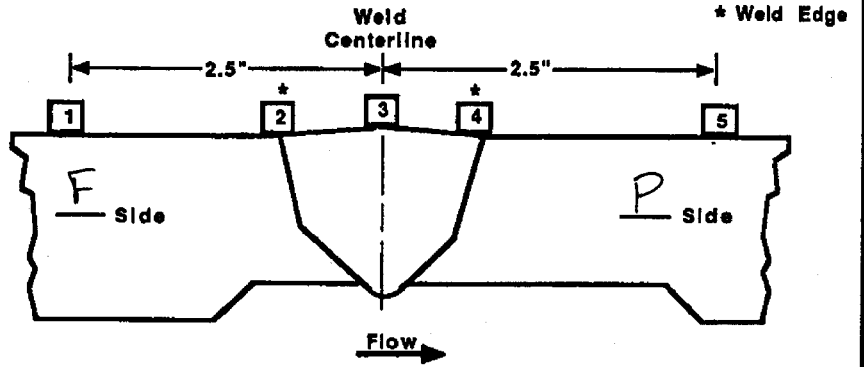
R-8591

PROJECT: WBN
UNIT: 2

WELD NO: SIF-B-T076-23
SYSTEM: SIS (063)

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

Position	0°	90°	180°	270°
1	N/A			
2	.347		N	
3	.260			
4	.264		A	
5	.249			



CROWN HEIGHT: .0625 DIAMETER: 1.5"
CROWN WIDTH: .5" WELD LENGTH: 6.5"

FLANGE

PIPE



FLOW →

EXAMINER: [Signature]
LEVEL: II
DATE: 6/29/09

REVIEWED BY: [Signature]
LEVEL: II DATE: 7-2-09

ANII: [Signature]
DATE: 7/26/09
PAGE 4 OF 5

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS (063)

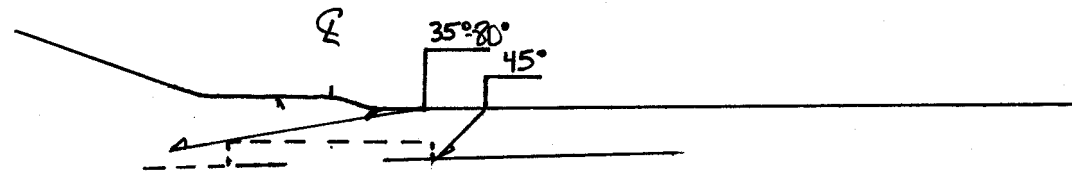
UNIT: 2 WELD NO: SIF-B-T076-23

REPORT NO.:

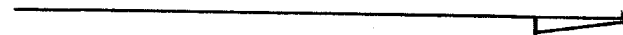
R-P0591

FLANGE

PIPE



FLOW



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

BY: Patrick Mahoney LEVEL: II DATE: 6/21/09 PAGE 5 OF 5

TVA Procedure
N-GP-31

Weld # SIF-B-T076-23

Attachment 3

Item 1	Required examination Volume in sq. in. (width x height)	1	0.102	0.102 sq. in.
Item 2	Number of scan directions	4 directions		
Item 3	Total Scan volume in sq. in.	0.408 sq. in.		
Item 4	Total length of weld	6.5 inches		
Item 5	Total required exam volume in cubic inches	2.652 cu. in.		
Item 6	Exam volume achieved (sq. in.) in direction 1 X length of weld achieved	0.102	6.5	0.663 cu. In.
Item 7	Exam volume achieved (sq. in.) in direction 2 X length of weld achieved	0.102		0 cu. In.
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	0.051	6.5	0.3315 cu. In.
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	0.051	6.5	0.3315 cu. In.
Item 10	Determined the achived exam volume add 6, 7, 8 & 9	1.326 cu. In.		
Item 11	Exam volume percentage item 10/item 5 x 100	50 %		

Directions 3 & 4 (Circ Scan directions 5 & 6) were restricted to pipe side of weld. This was a single sided examination

 Level: II

Date: 6/29/09

INFORMATION ONLY