

TVA

WALL THICKNESS PROFILE SHEET

REPORT NO:

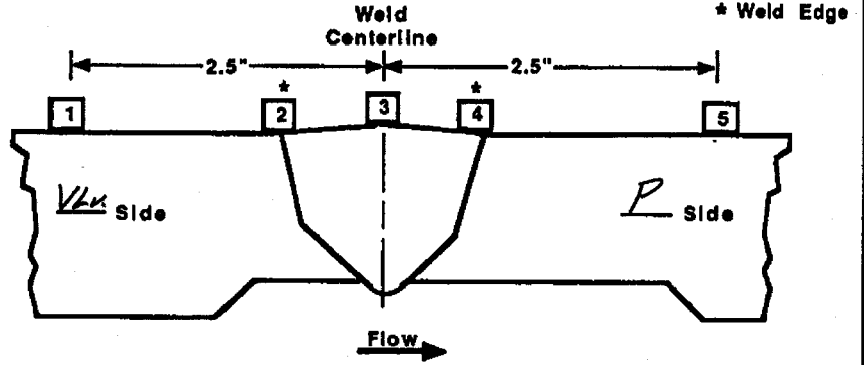
R-P0620

PROJECT: WATTS BAR NUCLEAR
UNIT: 2

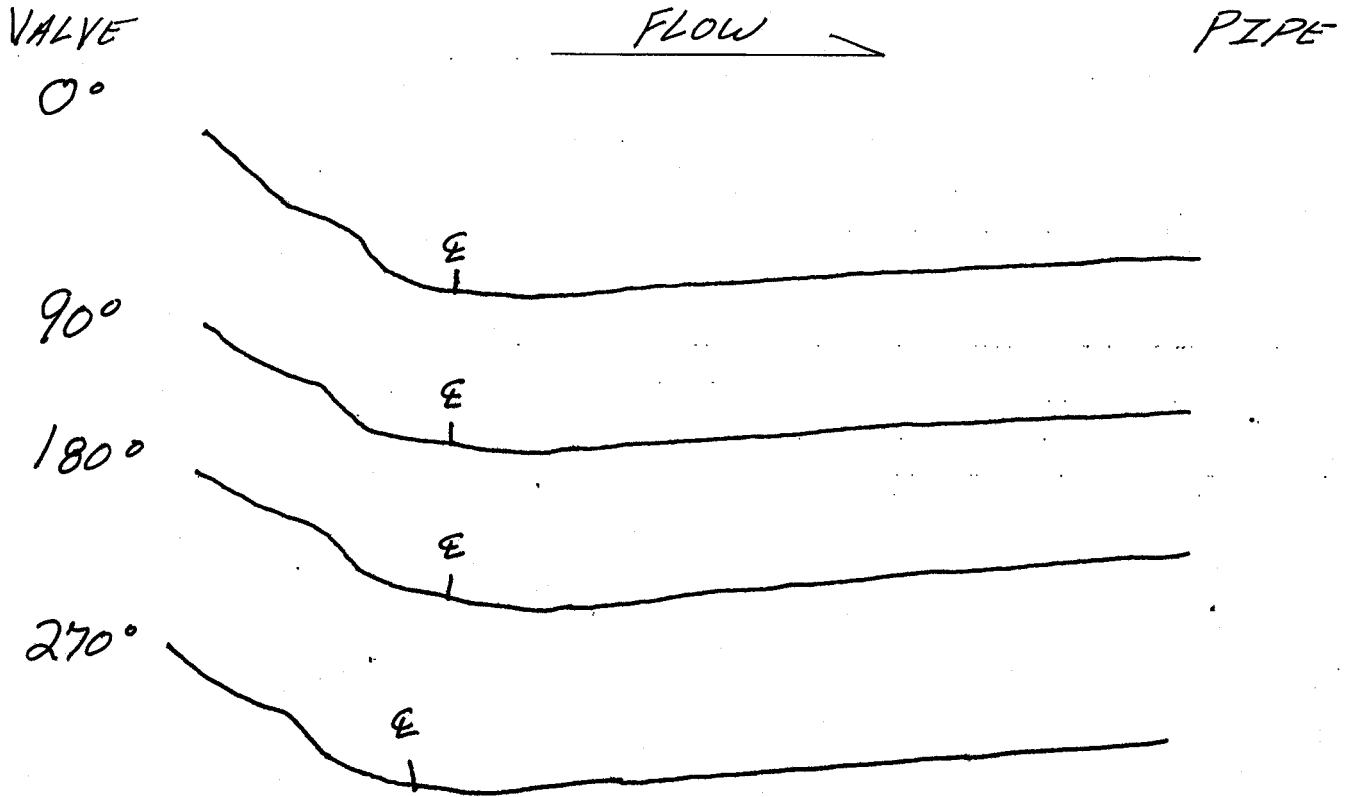
WELD NO: SIF-D197-11A
SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	N/A	N/A	N/A	N/A
2	1.26	1.28	1.24	1.23
3	.97	.94	.86	.92
4	.77	.77	.71	.71
5	.76	.75	.70	.71



CROWN HEIGHT: As welded DIAMETER: 6.0
CROWN WIDTH: .90 WELD LENGTH: 20.938



EXAMINER: <u>P. Mahoney</u>	REVIEWED BY: <u>Darlene Duley</u>	ANII: <u>[Signature]</u>
LEVEL: <u>II</u>	LEVEL: <u>III</u> DATE: <u>7-2-09</u>	DATE: <u>7/29/09</u>
DATE: <u>6/30/09</u>		PAGE <u>5</u> OF <u>6</u>

TVA

Office of Nuclear Power

PROJECT: WATS BAR NUCLEAR SYSTEM: SIS

UNIT: 2

WELD NO: SIF-D197-11A

REPORT NO.:

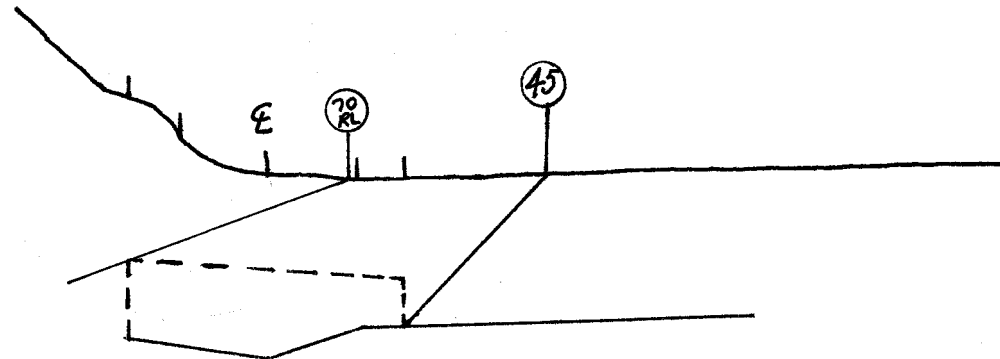
R-10620

FLOW →

VALVE

PIPE

0°



THE EXAMINATION WAS PERFORMED TO QUALIFIED SECTOR SCAN ANGLES 35°-70°(Ax), 25°-70°(CIRC), & 40°-70°(Ax. R/L)

BY: Patrick Maloney Patrick Maloney LEVEL: II DATE: 6/30/09 PAGE 6 OF 6

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TVA Procedure
N-GP-31

Weld # SIF-D197-11A

Attachment 3

Item 1	Required examination Volume in sq. in. (width x height)	1.45	0.35	0.5075 sq. in.
Item 2	Number of scan directions	4 directions		
Item 3	Total Scan volume in sq. in.	2.03 sq. in.		
Item 4	Total length of weld	20.938 inches		
Item 5	Total required exam volume in cubic inches	42.50414 cu. in.		
Item 6	Exam volume achieved (sq. in.) in direction 1 X length of weld achieved	0 cu. In.		
Item 7	Exam volume achieved (sq. in.) in direction 2 X length of weld achieved	0.5075	20.938	10.626035 cu. In.
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	0.25375	20.938	5.3130175 cu. In.
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	0.25375	20.938	5.3130175 cu. In.
Item 10	Determined the achieved exam volume add 6, 7, 8 & 9	21.25207 cu. In.		
Item 11	Exam volume percentage item 10/item 5 x 100	50%		

This was a single sided examination

P. Mahoney

Level: II

Date: 6/30/09

INFORMATION ONLY