

TVA

WALL THICKNESS
PROFILE SHEET

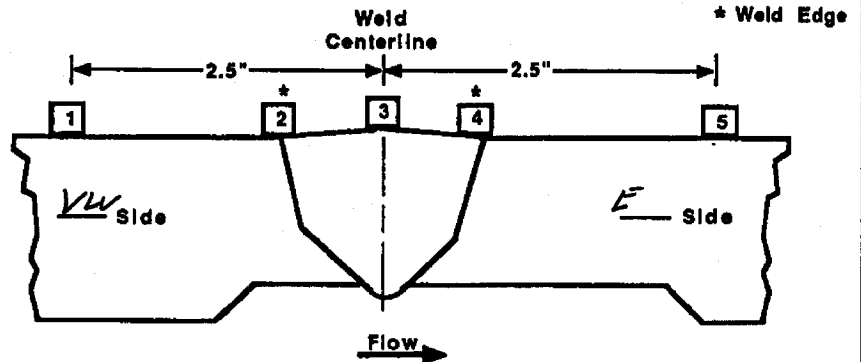
REPORT NO:

R.P0383

PROJECT: WATTS BAR NUCLEARWELD NO: SIF-D199-11UNIT: 2SYSTEM: 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	1.419	1.319	1.296	1.438
3	1.343	1.546	1.210	1.416
4	1.024	1.03	1.123	1.107
5	1.200	1.181	1.335	1.167

CROWN HEIGHT: FLUSHDIAMETER: 10.0CROWN WIDTH: 1.250WELD LENGTH: 35.250

VALVE

FLOW →

ELBOW

0°

90°

180°

270°

EXAMINER: Joe C. [Signature]LEVEL: IIDATE: 05-21-09REVIEWED BY: [Signature]LEVEL: IIIDATE: 5-29-09ANII: [Signature]DATE: 6-1-09PAGE 5 OF 6

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D199-11

REPORT NO.:

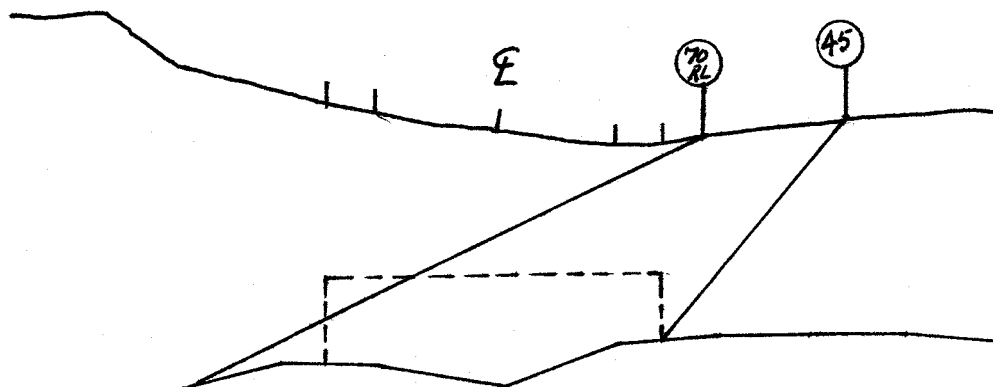
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FLOW →

VALVE

0°

ELBOW



Plot shown represents primary angle of 45°, phased array angles used 25°-70°, RL angles used 40°-70°

BY: Jose Alejandro Kelly LEVEL: II DATE: 05-21-09 PAGE 6 OF 6

TVA Procedure
N-GP-31

Weld # SIF-D199-11

Attachment 3

Item 1	Required examination Volume in sq. in. (width x height)	1.75	0.45		0.7875
Item 2	Number of scan directions				4
Item 3	Total Scan volume in sq. in.				3.15
Item 4	Total length of weld				35.25
Item 5	Total required exam volume in cubic inches				111.0375
Item 6	Exam volume achieved (sq. in.) in direction 1 X length of weld achieved	0	35.25		0
Item 7	Exam volume achieved (sq. in.) in direction 2 X length of weld achieved	0.73125	35.25		25.77656
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	0.7875	35.25		27.75938
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	0.7875	35.25		27.75938
Item 10	Determined the achivied exam volume add 6, 7, 8 & 9				81.29531
Item 11	Exam volume percentage item 10/item 5 x 100				73.21429

one sided due to valve

5-27-09

Jan Kin II

INFORMATION ONLY