

TVA

WALL THICKNESS  
PROFILE SHEET

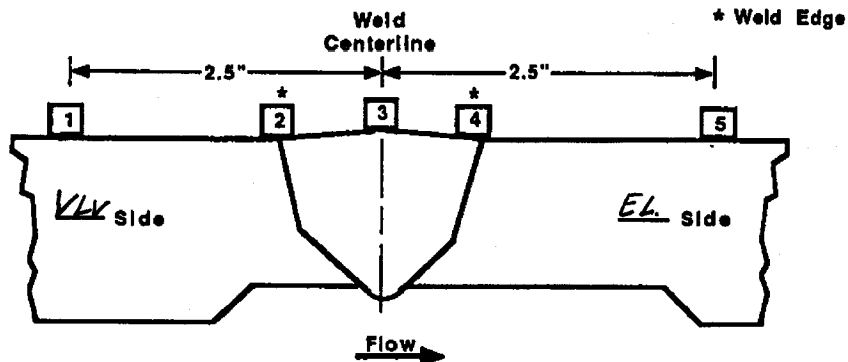
REPORT NO:

R-P0343

PROJECT: WATTS BAR NUCLEARWELD NO: SIF-D198-10UNIT: 2SYSTEM: SISRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0° ER 5-5-09

45°

Position	0°	90°	180°	270°
1	N/A	N/A	N/A	N/A
2	1.140	1.51	N/A	N/A
3	1.19	1.28	N/A	N/A
4	1.06	1.05	N/A	N/A
5	1.50	1.15	N/A	N/A

CROWN HEIGHT: FLUSHDIAMETER: 10.0CROWN WIDTH: 1.10WELD LENGTH: 37.0

ELBOW

FLOW

VALVE

45°

300°

EXAMINER: Edwin D. PaulREVIEWED BY: Darlene D. PaulANII: JDLEVEL: IILEVEL: IIIDATE: 5-13-09DATE: 6-12-09DATE: 05-05-09PAGE 5 OF 6

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D198-10

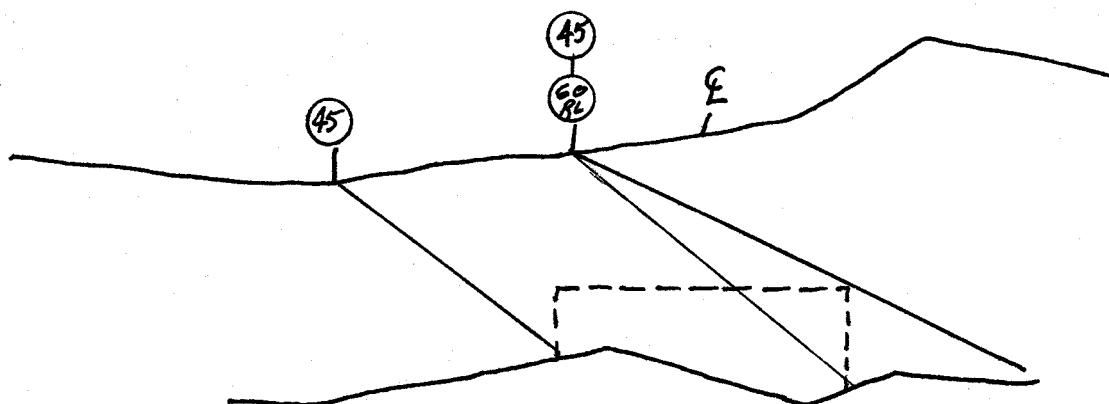
REPORT NO.:

R.00343

ELBOW

FLOW

VALVE



Exam limited to one side  
Due to taper on valve

BY: Ernie D. Reel

LEVEL: II

DATE: 05-05-09 PAGE 6 OF 6

TVA Procedure  
N-GP-31

## Attachment 3

Weld # SIF-D198-10

Item 1	Required examination Volume in sq. in. (width x height)	1.5	0.5		0.75
Item 2	Number of <b>scan directions</b>				4
Item 3	Total Scan <b>volume</b> in sq. in.				3
Item 4	Total <b>length</b> of weld				37
Item 5	Total required <b>exam volume</b> in cubic inches				111
Item 6	<b>Exam volume achieved</b> (sq. in.) in direction 1 X length of weld achieved	0	37		0
Item 7	<b>Exam volume achieved</b> (sq. in.) in direction 2 X length of weld achieved	0.75	37		27.75
Item 8	<b>Exam volume achieved</b> (sq. in.) in direction 3 X length of weld achieved	0.75	37		27.75
Item 9	<b>Exam volume achieved</b> (sq. in.) in direction 4 X length of weld achieved	0.75	37		27.75
Item 10	Determined the <b>achivied exam volume</b> add 6, 7, 8 & 9				83.25
Item 11	Exam <b>volume percentage</b> item 10/item 5 x 100				75

JA  
05-07-09limitations due to valve  
One sided examination

INFORMATION ONLY