

TVA

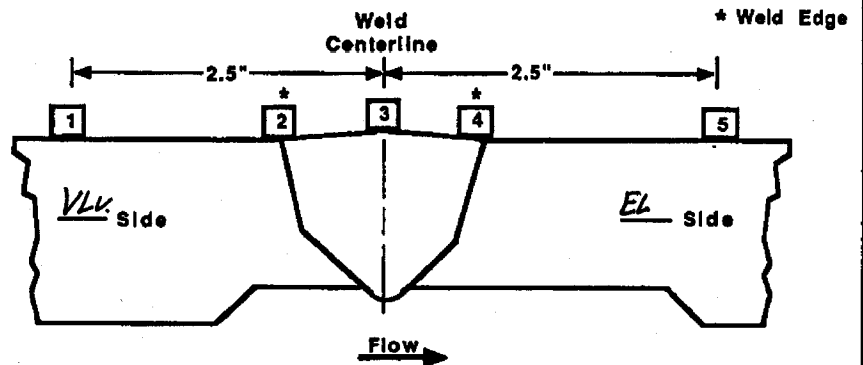
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R.D. 434

PROJECT: WATTS BAR NUCLEARWELD NO: SIF-D199-03UNIT: 2SYSTEM: SISRecord 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	1.412	1.335	1.201	1.454
3	1.379	1.150	1.126	1.140
4	1.092	1.137	1.004	1.100
5	1.453	1.261	1.227	1.267

CROWN HEIGHT: FLUSHDIAMETER: 10.0CROWN WIDTH: 1.50WELD LENGTH: 35.875

VALVE

FLOW →

ELBOW

0°

90°

180°

270°

EXAMINER: [Signature]REVIEWED BY: [Signature]ANII: [Signature]LEVEL: IILEVEL: IIIDATE: 6-8-09DATE: 6/29/09DATE: 06-04-09PAGE 5 OF 7

TVA

Office of Nuclear Power

PROJECT: WATTI BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D199-03

REPORT NO.:

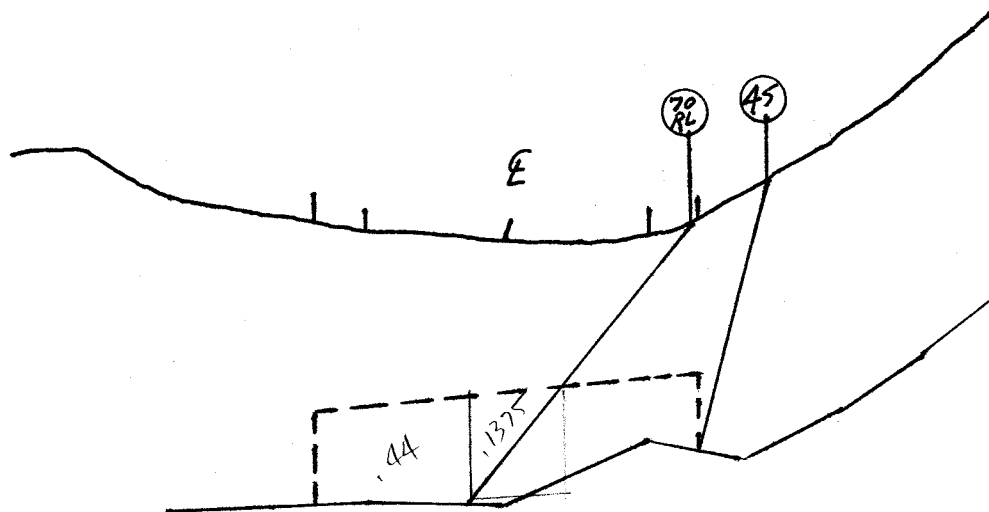
R-P04341

FLOW →

VALVE

ELBOW

0°



EXAMINATION SCAN 4 LIMITED  
FROM L<sub>1</sub> = 30.875 TO L<sub>2</sub> = 5.0  
INCHES, W = 1.0, DUE TO POOR  
CONTACT AT INTERDOSE OF  
THE ELBOW AND VALVE  
CONFIGURATION.

BY: Jose Alejandro [Signature] LEVEL: II DATE: 06-04-09 PAGE 6 OF 7

TVA

Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D199-03

REPORT NO.:

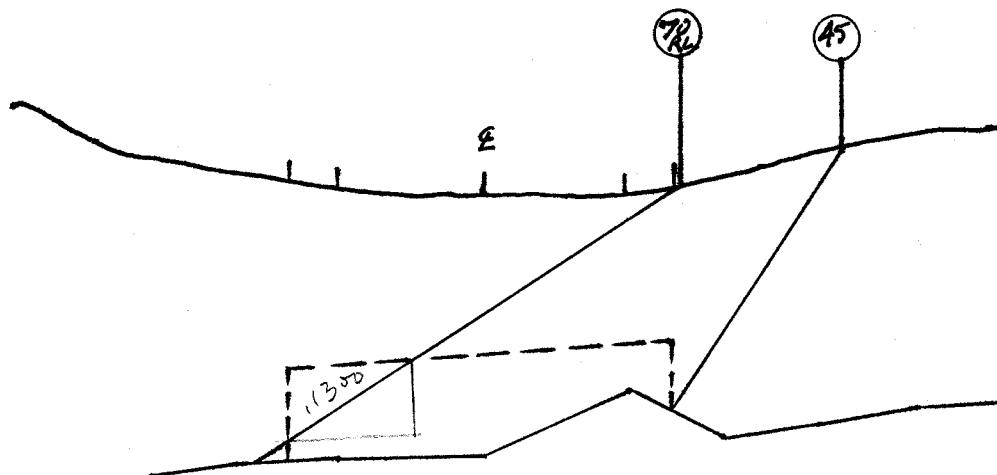
R.D0434

VALVE

90°

FLOW

ELBOW



EXAMINATION SCAN 4  
LIMITED DUE TO VALVE  
CONFIGURATION FROM  
L1 = 5.0 TO L2 = 30.875  
INCHES AND W = 1.0 INCHES

BY: Jose Alejandro

[Signature]

LEVEL: II

DATE: 06-04-09

PAGE 7

OF 7

TVA Procedure  
N-GP-31

Weld # SIF-D199-03

## Attachment 3

Item 1	Required examination Volume in sq. in. (width x height)	2	0.5	1
Item 2	Number of scan directions			4
Item 3	Total Scan volume in sq. in.			4
Item 4	Total length of weld			35.875
Item 5	Total required exam volume in cubic inches			143.5
Item 6	Exam volume achieved (sq. in.) in direction 1 X length of weld achieved	1	0	0
Item 7	Exam volume achieved (sq. in.) in direction 2 X length of weld achieved	0.298	35.875	10.69075
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	1	35.875	35.875
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	1	35.875	35.875
Item 10	Determined the achieved exam volume add 6, 7, 8 & 9			82.44075
Item 11	Exam volume percentage item 10/item 5 x 100			57.45

Limitation:  
One sided examination  
due to valve geometry

JA  
06-08-09

INFORMATION ONLY