

TVA

WALL THICKNESS PROFILE SHEET

REPORT NO:

R.P0369

PROJECT: WATTS BAR NUCLEAR

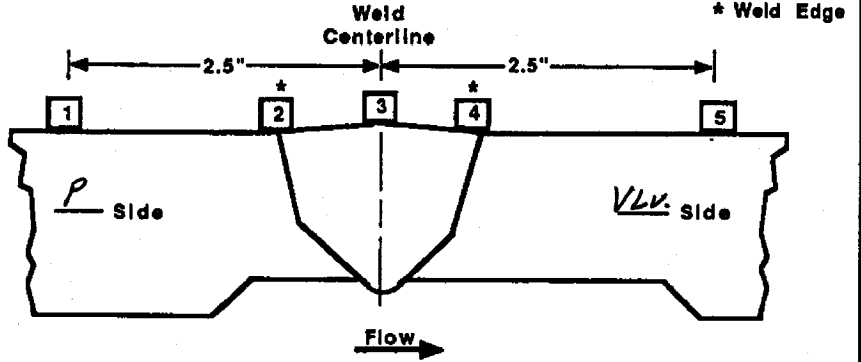
WELD NO: SIF-D199-05

UNIT: 2

SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	1.06	1.00	.950	1.03
2	1.03	.960	1.08	.980
3	1.18	1.04	1.09	1.09
4	1.42	1.20	1.49	1.32
5	NA	NA	NA	NA



CROWN HEIGHT: FLUSH

DIAMETER: 10.0

CROWN WIDTH: .875

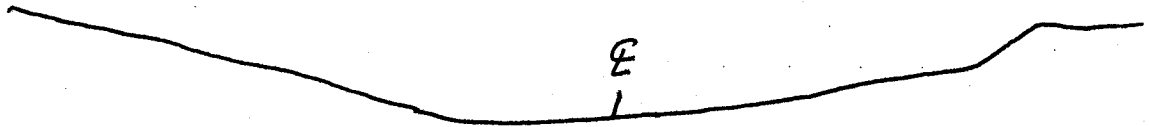
WELD LENGTH: 36.0

PIPE

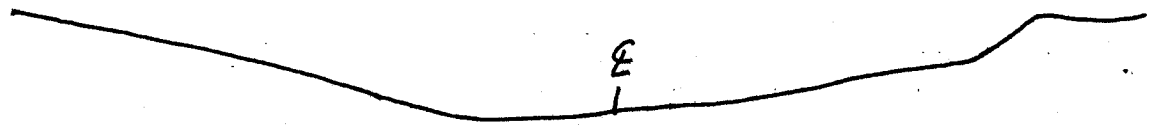
FLOW →

VALVE

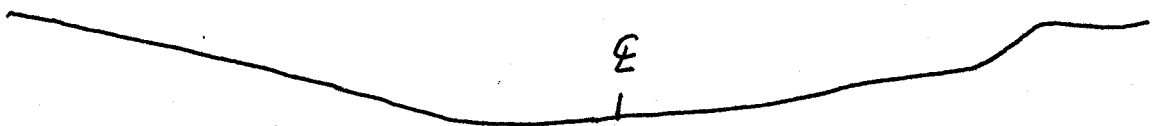
0°



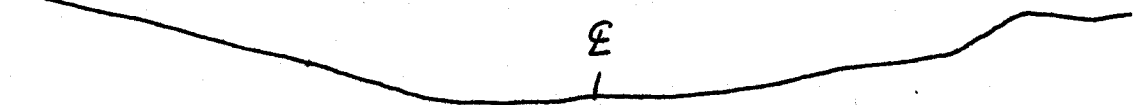
90°



180°



270°



EXAMINER:

*John Reynolds*

REVIEWED BY:

ANII:

*John Reynolds*

LEVEL:

*II*

DATE:

*05/18/09*

DATE:

*05-18-09*

LEVEL:

DATE:

PAGE

*5* OF *7*

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

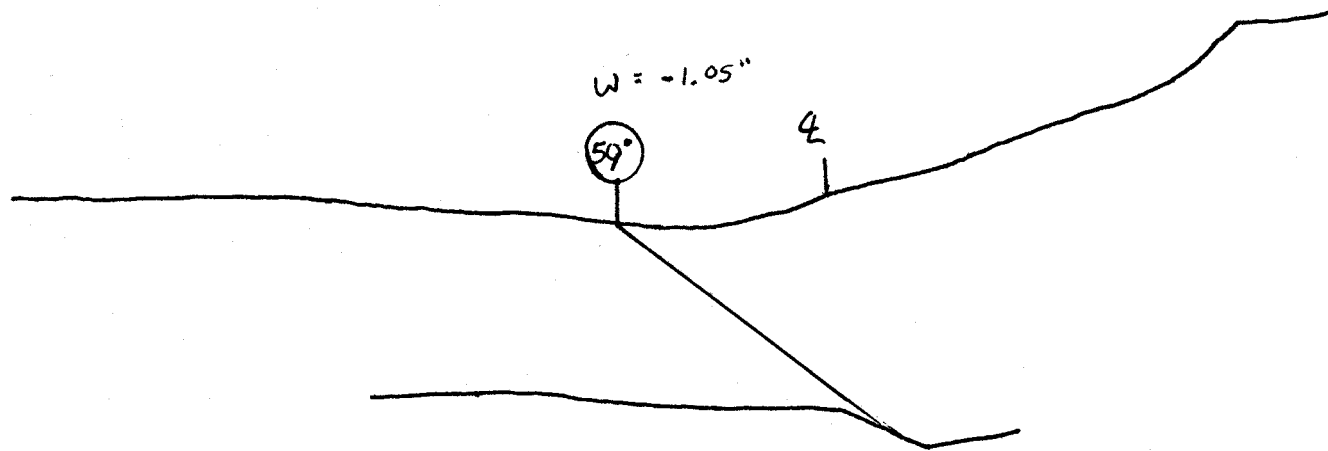
UNIT: 2 WELD NO: SIF-D199-05

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Indication #1 is a reflector from the weld root. This reflector can be seen intermittently around the weld at lower amplitudes.

FLOW →



BY: *John N...*

LEVEL: II DATE: 5-27-08 PAGE 6 OF 7

TVA

Office of Nuclear Power

PROJECT: WATT'S BAR NUCLEAR

SYSTEM: SIS

UNIT: 2

WELD NO: SIF-D199-05

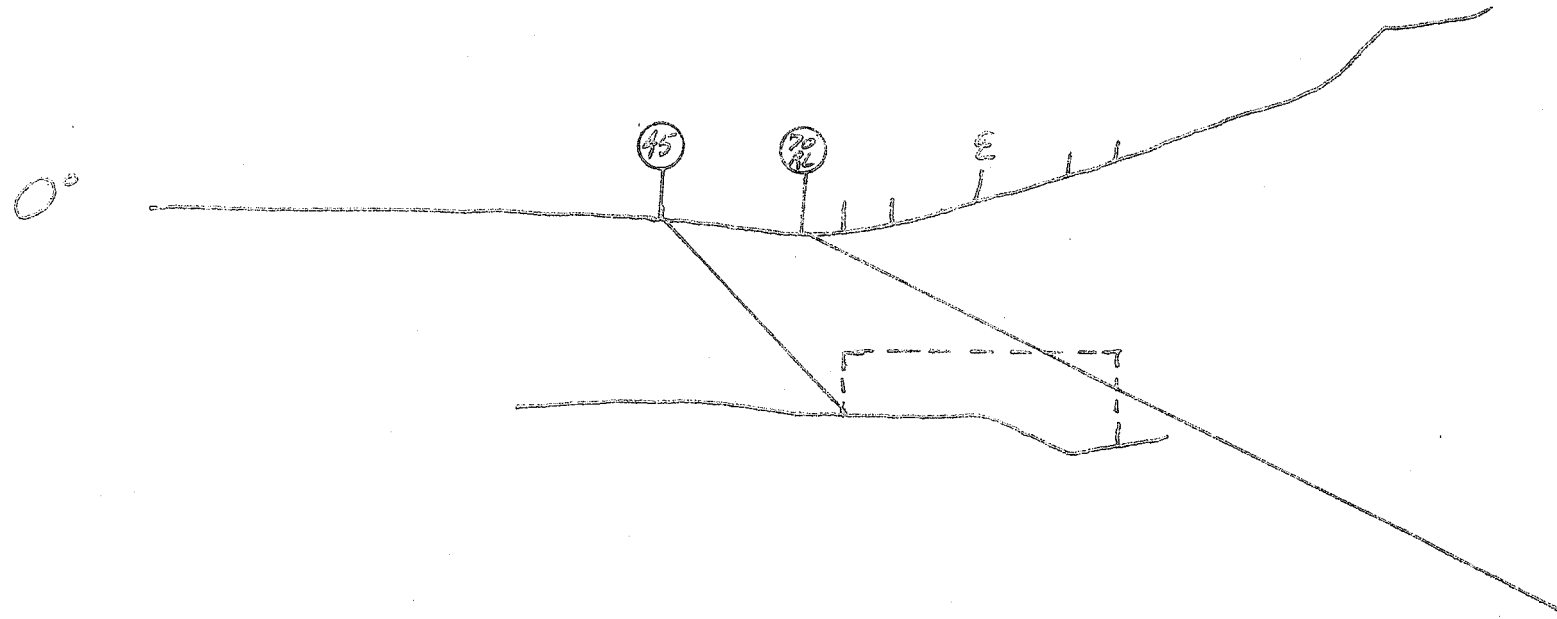
REPORT NO.:

SPN  
5-21-09  
R. P0369  
~~TAC 0126~~

FLOW →

PIPE

VALVE



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

BY: Jose Alejandro Jose Alejandro LEVEL: II DATE: 05-18-09 PAGE 7 OF 7

TVA Procedure  
N-GP-31

Weld # SIF-D199-05

Attachment 3

Item 1	Required examination Volume in sq. in. (width x height)	1.4	0.5	0.7
Item 2	Number of scan directions			4
Item 3	Total Scan volume in sq. in.			2.8
Item 4	Total length of weld			36
Item 5	Total required exam volume in cubic inches			100.8
Item 6	Exam volume achieved (sq. in.) in direction 1 X length of weld achieved	0.662	36	23.8
Item 7	Exam volume achieved (sq. in.) in direction 2 X length of weld achieved	0.7	36	25.2
Item 8	Exam volume achieved (sq. in.) in direction 3 X length of weld achieved	0.7	36	25.2
Item 9	Exam volume achieved (sq. in.) in direction 4 X length of weld achieved	0	36	0
Item 10	Determined the achivied exam volume add 6, 7, 8 & 9			74.2
Item 11	Exam volume percentage item 10/item 5 x 100			73.61111

one sided due  
to valve

*John N. II*  
5-21-09

**INFORMATION ONLY**