

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D195-13

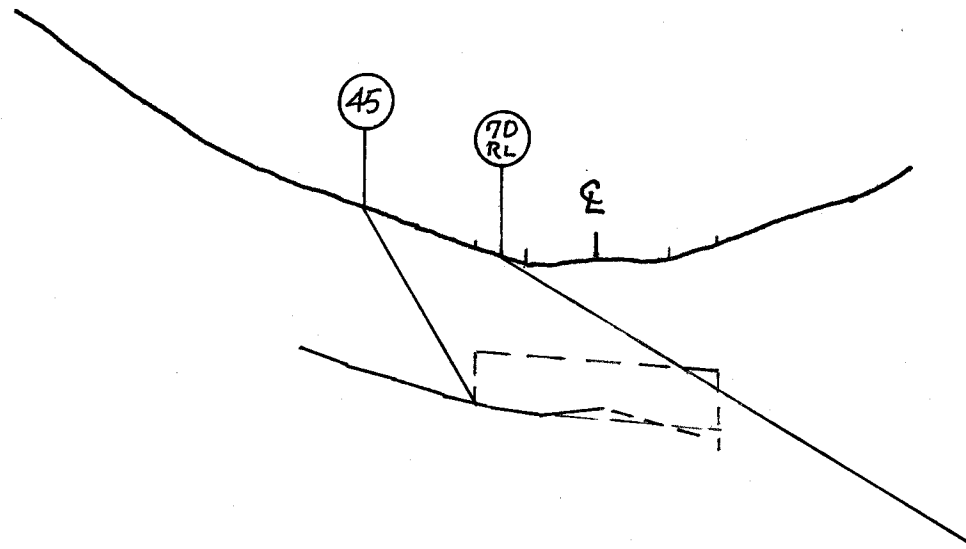
REPORT NO.:

R. P1132

FLOW →

ELBOW

VALVE



BY: Jose Alejandro [Signature] LEVEL: II DATE: 06-02-10 PAGE 5 OF 7

**TVA**

**WALL THICKNESS  
PROFILE SHEET**

REPORT NO:

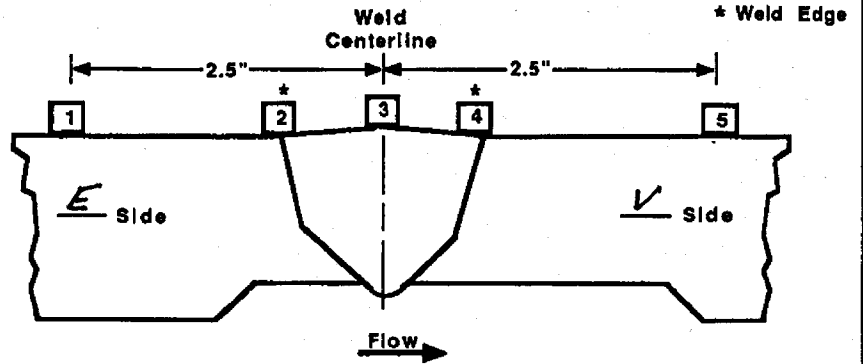
R-D132

PROJECT: WBN  
UNIT: 2

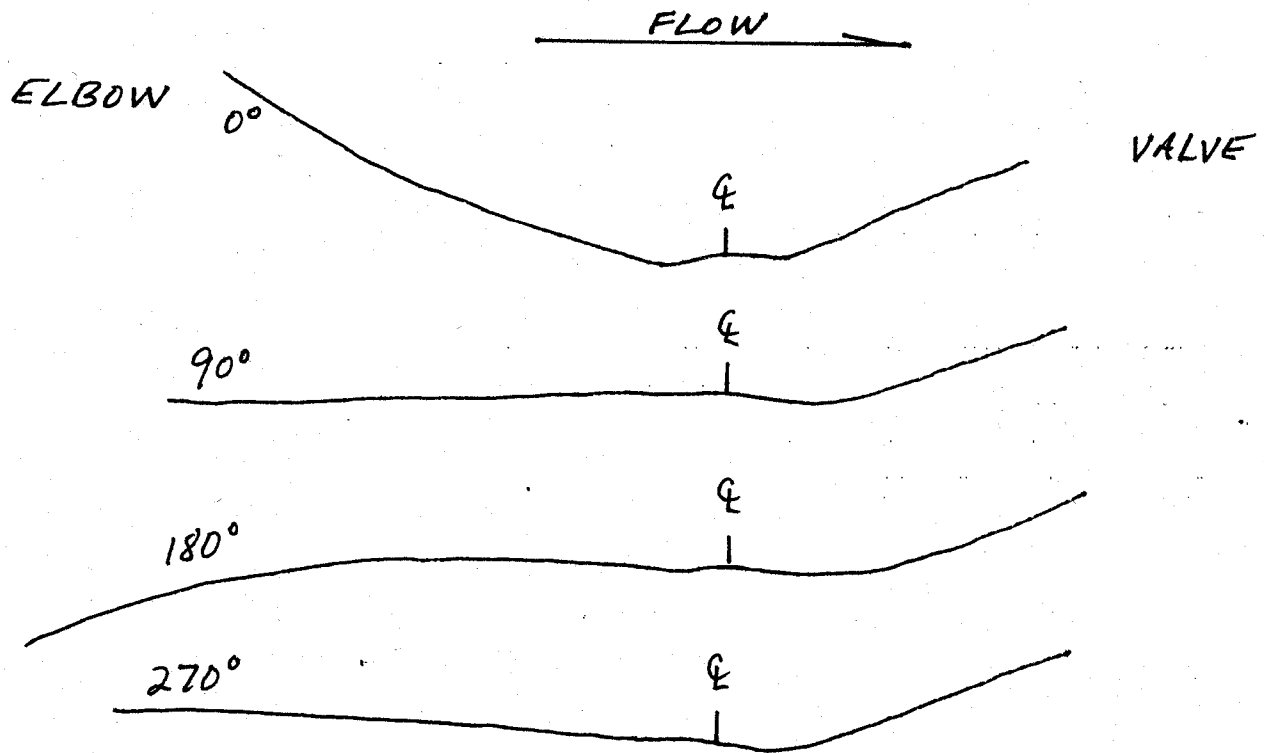
WELD NO: SIF-D195-13  
SYSTEM: SIS

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

Position	0°	90°	180°	270°
1	.883	.749	.780	.798
2	.780	.746	.714	.730
3	.780	.792	.808	.714
4	.915	.866	.829	.829
5	*	*	*	*



CROWN HEIGHT: FLUSH DIAMETER: 6.0  
CROWN WIDTH: .75 WELD LENGTH: 21.25



\* No thickness readings taken due to valve configuration

EXAMINER: Juan Cleofandro  
LEVEL: II  
DATE: 06-02-10

REVIEWED BY: Darlene Lopez  
LEVEL: IV DATE: 6-15-10

ANII: ML  
DATE: 7-19-10  
PAGE 6 OF 7

# Watts Bar Unit 2

R. P1132

**TVA Procedure N-GP-31  
Attachments 3 & 4**

Measured Fields	Calculated Fields
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Worksheet Version 1.0 dated 07/01/09

**WELD  
NUMBER**

SIF-D195-13

Item 1	Required examination Volume in sq. in. (width x height)	1.25	0.25	0.3125	sq. in.
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Item 2	Number of scan directions			4	directions
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Item 3	Total Scan volume in sq. in.			1.25	sq. in.
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Item 4	Total length of weld			21.25	inches
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Item 5	Total required exam volume in cubic inches			26.5625	cu. in.
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Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.305	21.25	6.48125	cu. In.
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Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	0	0	0	cu. In.
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Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	0.3125	21.25	6.640625	cu. In.
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Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0.3125	21.25	6.640625	cu. In.
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Item 10	Determined the acheived exam volume add 6, 7, 8 & 9			19.7625	cu. In.
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Item 11	Exam volume percentage item 10/item 5 x 100			74.40	%
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Scan #3, limited due valve No scan #4 limitation due valve	Initials JA
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	Date 06/02/2010
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0.18