

**TVA**

**WALL THICKNESS  
PROFILE SHEET**

REPORT NO:

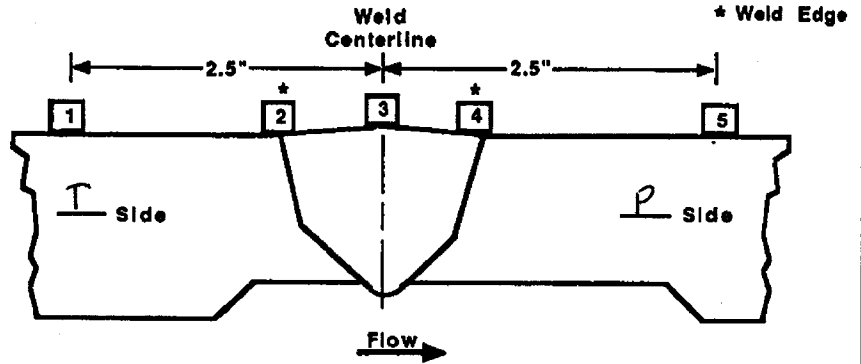
R-P0759

PROJECT: WBU  
UNIT: 2

WELD NO: RHS-15  
SYSTEM: RHR

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

Position	0°	90°	180°	270°
1	1.34	N/A	1.35	N/A
2	1.24	1.16	1.25	1.14
3	1.11	1.16	1.02	1.14
4	.94	.95	.95	.96
5	1.06	1.04	1.05	1.03

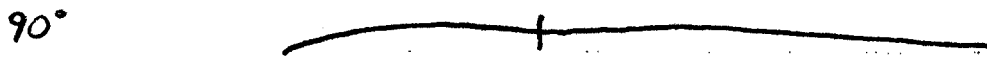


CROWN HEIGHT: Flush DIAMETER: 10"  
CROWN WIDTH: 1.1 WELD LENGTH: 33.75

TEE

PIPE

FLOW →



EXAMINER: KEITH Bull  
LEVEL: II  
DATE: 7-30-09

REVIEWED BY: [Signature]  
LEVEL: IV DATE: 8-6-09

ANII: [Signature]  
DATE: 8/25/09  
PAGE 4 OF 5

TVA

Office of Nuclear Power

PROJECT: WBN

SYSTEM: RHR

REPORT NO.:

UNIT: 2

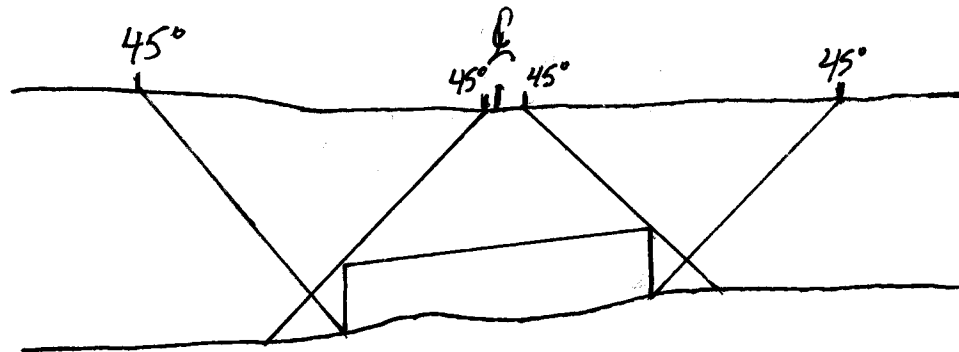
WELD NO: RHR5-15

R-P0759

TEE

FLOW 

PIPE



Plot shown represents primary angle of 45°, phased array angles used <sup>25°</sup> 35-70°  
pm 8/6/09

BY: Keith Bull

LEVEL: II

DATE: 7-30-09

PAGE 5 OF 5

# Watts Bar Unit 2

R. P. 0759

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**

RHRS-015

Item 1	Required examination Volume in sq. in. <b>(width x height)</b>	1.6	0.367	0.5872	sq. in.
Item 2	Number of <b>scan directions</b>			4	directions
Item 3	Total Scan <b>volume</b> in sq. in.			2.3488	sq. in.
Item 4	Total <b>length</b> of weld			33.75	inches
Item 5	Total required <b>exam volume</b> in cubic inches			79.272	cu. in.
Item 6	<b>Exam volume acheived</b> (sq. in.) in direction 1 X <b>length of weld achieved</b>	0.5872	33.75	19.818	cu. In.
Item 7	<b>Exam volume acheived</b> (sq. in.) in direction 2 X <b>length of weld achieved</b>	0.5872	17.75	10.4228	cu. In.
Item 8	<b>Exam volume acheived</b> (sq. in.) in direction 3 X <b>length of weld achieved</b>	0.5872	33.75	19.818	cu. In.
Item 9	<b>Exam volume acheived</b> (sq. in.) in direction 4 X <b>length of weld achieved</b>	0.5872	33.75	19.818	cu. In.
Item 10	Determined the <b>acheived exam volume</b> add 6, 7, 8 & 9			69.8768	cu. In.
Item 11	<b>Exam volume percentage</b> item 10/item 5 x 100			<b>88.15</b>	%

Limitation due to "TEE" intradose configuration

INFORMATION ONLY

<b>Initials</b> JPN
<b>Date</b> 08/05/2009