

TVA

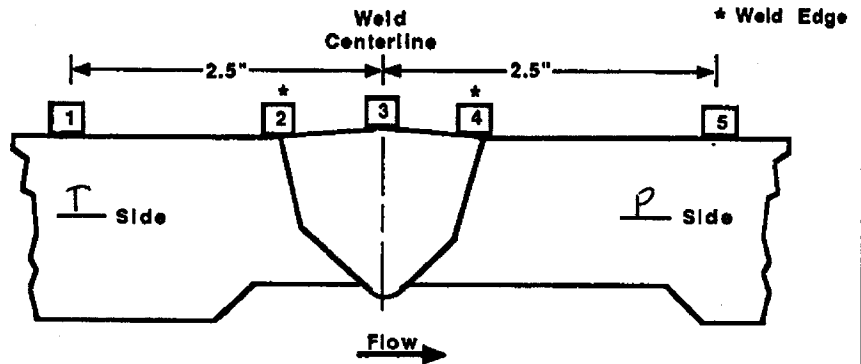
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R-P0759

PROJECT: WBNWELD NO: RHS-15UNIT: 2SYSTEM: RHRRecord 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: FlushDIAMETER: 10"CROWN WIDTH: 1.1WELD LENGTH: 33.75

TEE

PIPE

FLOW →

0°

90°

180°

270°

EXAMINER: KEITH BullREVIEWED BY: Jonathan DingleyANII: JDLEVEL: IILEVEL: IVDATE: 8/25/09DATE: 8/25/09DATE: 7-30-09PAGE 4 OF 5

TVA

Office of Nuclear Power


PROJECT: WBN SYSTEM: RHR

UNIT: 2 WELD NO: RHR5-15

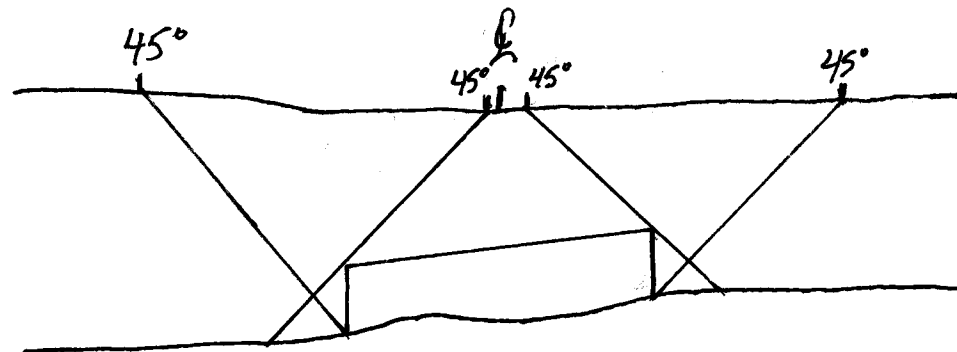
REPORT NO.:

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TEE

FLOW 

PIPE



Plot shown represents primary angle of  $45^\circ$ , phased array angles used  $25^\circ$   $35^\circ$  -  $70^\circ$   
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

Worksheet Version 1.0 dated 07/01/09

WELD  
NUMBER

RHRS-015

Item 1

Required examination Volume in sq. in.  
(width x height)

1.6	0.367	0.5872	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.

2.3488	sq. in.
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Item 4

Total **length** of weld

33.75	inches
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Item 5

Total required **exam volume** in cubic  
inches

79.272	cu. in.
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Item 6

**Exam volume acheived** (sq. in.) in  
direction 1 X **length of weld achieved**

0.5872	33.75	19.818	cu. In.
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Item 7

**Exam volume acheived** (sq. in.) in  
direction 2 X **length of weld achieved**

0.5872	17.75	10.4228	cu. In.
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Item 8

**Exam volume acheived** (sq. in.) in  
direction 3 X **length of weld achieved**

0.5872	33.75	19.818	cu. In.
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Item 9

**Exam volume acheived** (sq. in.) in  
direction 4 X **length of weld achieved**

0.5872	33.75	19.818	cu. In.
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Item 10

Determined the **acheived exam volume**  
add 6, 7, 8 & 9

69.8768	cu. In.
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Item 11

**Exam volume percentage** item 10/item 5  
x 100

88.15	%
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Limitation due to "TEE" intradose  
configuration

Initials  
JPN

Date  
08/05/2009

INFORMATION ONLY