

TVA

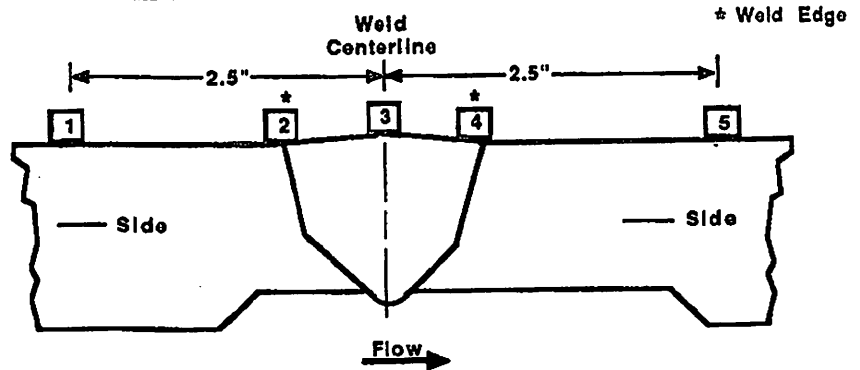
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R-P1853

PROJECT: WBNWELD NO: 2-085-W001-L1-1-0UNIT: 2SYSTEM: RVRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	.656			
2	.68		N	
3	.690			
4	.70		A	
5	N/A			

CROWN HEIGHT: FLUSH DIAMETER: 4.0CROWN WIDTH: .75 WELD LENGTH: 12.75

CAP

ADAPTER

E

EXAMINER: [Signature]REVIEWED BY: [Signature]ANALYST: [Signature]LEVEL: IIIDATE: 1-31-13DATE: 1-31-12DATE: 11-01-12PAGE 5 OF 7

**TVA**

**Office of Nuclear Power**

**PROJECT:** WBN

**SYSTEM:** RV

**REPORT NO.:**

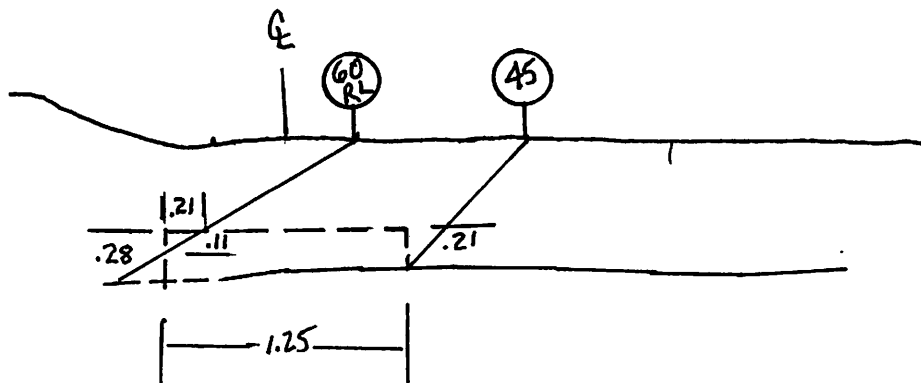
**UNIT:** 2

**WELD NO:** 2-085-W001-L1-1-0

R-P1853

*CAP*

*ADAPTER*



**BY:**

*[Signature]*

**LEVEL:** II

**DATE:** 11-01-12

**PAGE** 6

**OF** 7

# Watts Bar Unit 2

TVA Procedure N-GP-31  
Attachments 3 & 4

Measured  
Fields

Calculated  
Fields

Worksheet Version 1.0 dated 07/01/09

R-P1853

WELD  
NUMBER

2-085-W001-L1-1-0

Item 1	Required examination Volume in sq. in. (width x height)	1.25	0.245	0.30625	sq. in.
Item 2	Number of scan directions			4	directions
Item 3	Total Scan volume in sq. in.			1.225	sq. in.
Item 4	Total length of weld			12.75	inches
Item 5	Total required exam volume in cubic inches			15.61875	cu. in.
Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.2947	12.75	3.757425	cu. In.
Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	0	0	0	cu. In.
Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	0.30625	12.75	3.9046875	cu. In.
Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0.30625	12.75	3.9046875	cu. In.
Item 10	Determined the acheived exam volume add 6, 7, 8 & 9			11.5668	cu. In.
Item 11	Exam volume percentage item 10/item 5 x 100			74.06	%

One sided examination due to Cap

Initials

Date

JA

11/1/2012

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