

TVA

WALL THICKNESS
PROFILE SHEET

REPORT NO:

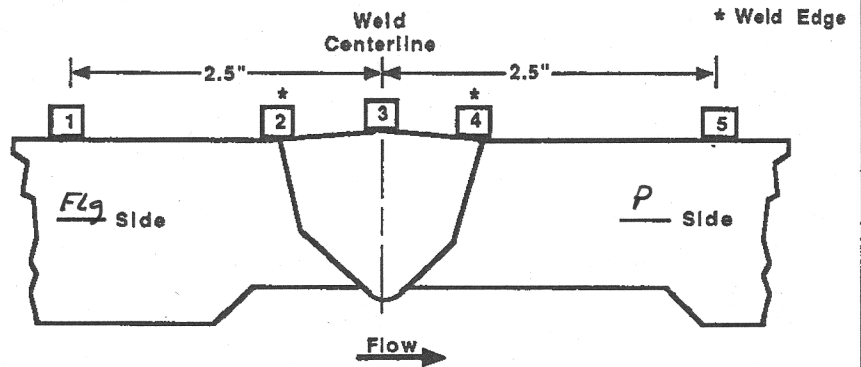
R-1591

R. A. 589

85-23-4

PROJECT: WBNWELD NO: CVCF-A-T122-41UNIT: 2SYSTEM: CVCSRecord Thickness Measurements As
Indicated, Including Weld Width,
Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	*	*	*	*
2	.376	.375	.364	.380
3	.369	.372	.389	.390
4	.365	.364	.358	.373
5	.334	.347	.334	.339

CROWN HEIGHT: FlushDIAMETER: 2.0CROWN WIDTH: .60WELD LENGTH: 7.50

PIPE

FLOW

Flange

0°

90°

180°

270°

* No thickness reading taken due to configuration

EXAMINER: Joe C. SantosREVIEWED BY: David D. [Signature]ANN: [Signature]LEVEL: IILEVEL: II DATE: 5-23-4DATE: 5/25/4DATE: 05-04-11PAGE 5 OF 2

TVA

Office of Nuclear Power

PROJECT: WBN **SYSTEM:** CVCS

UNIT: 2 **WELD NO:** CVCF-A-T122-41

REPORT NO.:

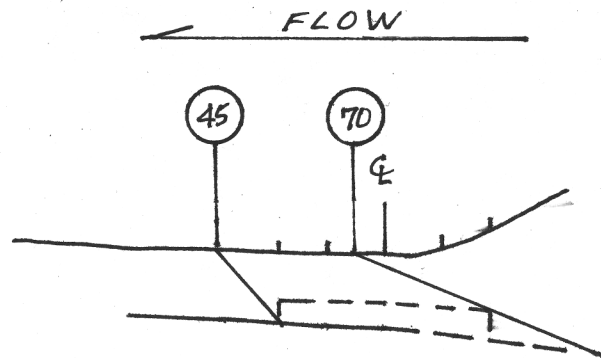
R. PISA

R. P1589

PS 533-4

PIPE

FLANGE



BY: Jim Cefano **LEVEL:** II **DATE:** 05-04-11 **PAGE** 6 **OF** 7

Watts Bar Unit 2

R. P. 1591
R. P. 1589
80503-4

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

CVCF-A-T122-41

Item 1

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

1.1	0.12	0.132	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.

0.528	sq. in.
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Item 4

Total length of weld

7.75	inches
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Item 5

Total required exam volume in cubic inches

4.092	cu. in.
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Item 6

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

0.044	7.75	0.341	cu. In.
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Item 7

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

0.132	7.75	1.023	cu. In.
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Item 8

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

0.1045	7.75	0.809875	cu. In.
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Item 9

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

0.1045	7.75	0.809875	cu. In.
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Item 10

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

2.98375	cu. In.
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Item 11

Exam volume percentage item 10/item 5
x 100

72.92	%
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Examination was limited on scan # 3 due
to flange configuration

Initials	Date
JA	05/09/2011