

TVA	WALL THICKNESS PROFILE SHEET	REPORT NO: <div style="font-size: 18pt; font-family: cursive;">R.P1519</div>
PROJECT: <u>WBN</u>		WELD NO: <u>CVCF-D007-12</u>
UNIT: <u>2</u>		SYSTEM: <u>CVCS</u>

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

Position	0°	90°	180°	270°
<div style="border: 1px solid black; padding: 2px;">1</div>	.299	.301	.303	.302
<div style="border: 1px solid black; padding: 2px;">2</div>	.316	.315	.315	.322
<div style="border: 1px solid black; padding: 2px;">3</div>	.426	.422	.442	.435
<div style="border: 1px solid black; padding: 2px;">4</div>	.486	.465	.478	.496
<div style="border: 1px solid black; padding: 2px;">5</div>	*	*	*	*

CROWN HEIGHT: <u>.0625</u>	DIAMETER: <u>8.0</u>
CROWN WIDTH: <u>.5</u>	WELD LENGTH: <u>27.75</u>

PIPE
FLOW →
VALVE

0°

90°

180°

270°

EXAMINER: <u><i>Joe Chandra</i></u>	REVIEWED BY: <u><i>Dan Duley</i></u>	ANII: <u><i>W. R. ...</i></u>
LEVEL: <u>#</u>	LEVEL: <u>T11</u>	DATE: <u>5/2/11</u>
DATE: <u>03-30-11</u>	DATE: <u>4-13-11</u>	PAGE <u>5</u> OF <u>2</u>

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: CVCS

UNIT: 2 WELD NO: CVCF-0007-12

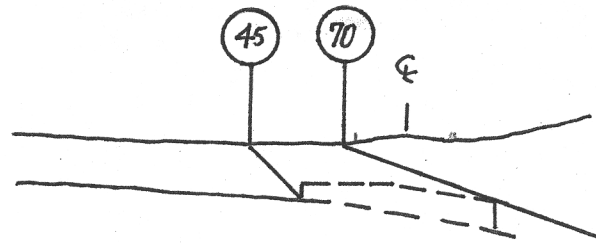
REPORT NO.:

R.P1519

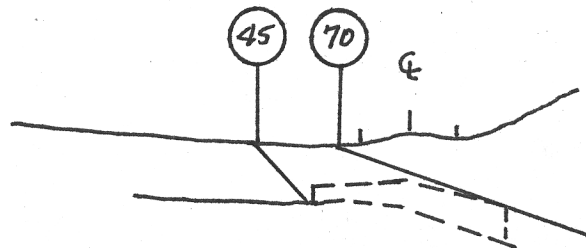
PIPE

FLOW

VALVE



Profile at 0° and 180°
thickness at 0°



Profile at 90° and 270°
thickness at 90°

51.7° impingement angle

BY: McCluskey LEVEL: II DATE: 03-30-11 PAGE 6 OF 7

Watts Bar Unit 2

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-D007-12

Item 1	Required examination Volume in sq. in. (width x height)	1	0.105	0.105	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.	0.42	sq. in.
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Item 4	Total length of weld	27.75	inches
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Item 5	Total required exam volume in cubic inches	11.655	cu. in.
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Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.105	27.75	2.91375	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	0.105	27.75	2.91375	cu. In.
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Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	0.105	27.75	2.91375	cu. In.
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Item 10	Determined the acheived exam volume add 6, 7, 8 & 9	8.74125	cu. In.
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Item 11	Exam volume percentage item 10/item 5 x 100	75.00	%
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Examination was limited on scan # 4 due
to valve configuration

Initials	Date
JA	03/30/2011