

**TENNESSEE VALLEY
AUTHORITY**

**MANUAL ULTRASONIC
PIPING EXAMINATION
DATA SHEET**

REPORT NUMBER

R-P2474

PROJECT: WBN UNIT/CYCLE 2100

SYSTEM: SIS

WELD I.D.: SIF-B-T097-13

CONFIG.: P TO FLG



PROCEDURE: N-UT-64 * REV: 15 TC: N/A

W_o REFERENCE: E OF WELD

L_o REFERENCE: TOP DEAD CENTER

EXAMINATION DATE 3-17-15

START TIME: 1336 END TIME: 1351

EXAM SURFACE ☐ ID ☒ OD

MATERIAL TYPE: ☐ CS ☒ SS ☐ CSCL ☐ CCSS

SURFACE TEMP.: 67.8 PYRO NO. E51874

EXAMINATION ANGLE 45/45 DEG. 70 DEG.

AXIAL SCAN SENSITIVITY 46.3 / N/A dB 56.3 dB

CIRC. SCAN SENSITIVITY 46.3/42.2 dB N/A dB

IND NO.	L (in) FROM REF.			AT MAX AMP			MAX AMP % DAC	EXAM NO. 3-14	NOM. ANG.	NRI	INDICATION INFORMATION: TYPE, DAMPING, ETC.
	L1	L Max	L2	W MAX	MP MAX	D MAX					
								3	45°	<input checked="" type="checkbox"/>	
								5	45°	<input checked="" type="checkbox"/>	
								6	45°	<input checked="" type="checkbox"/>	
								5	45°	<input checked="" type="checkbox"/>	
								6	45°	<input checked="" type="checkbox"/>	
								3	70°	<input checked="" type="checkbox"/>	

REMARKS/LIMITATIONS THIS EXAMINATION WAS LIMITED TO ONE SIDE DUE TO FLANGE CONFIGURATION. NO SCAN 4.

MAINTAINED 5-20% ID ROLL DURING SCANNING.

* IMPLEMENTS PDI-UT-2 REVISION F.

EXAMINER: Paul Lepardo LEVEL: II

EXAMINER: Jonathan W Keeton LEVEL: II L

REVIEWED BY: Debra D. Doleg LEVEL: III DATE: 5-6-15

ANIR: Debra Doleg

DATE: 7-28-15

PAGE 5 OF 7

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS (063)

UNIT: 2 WELD NO: SIF-B-T097-13

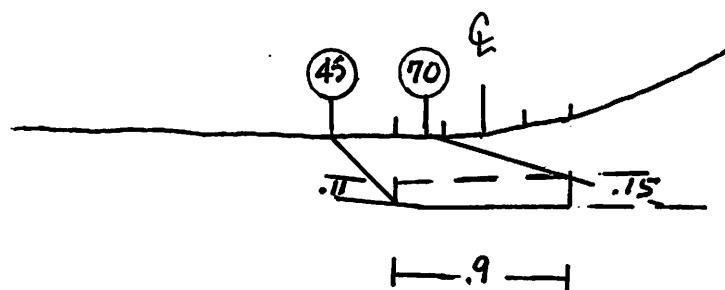
REPORT NO.:

R. P2474

PIPE

FLOW →

FLANGE



50% one sided examination
code credit coverage achieved

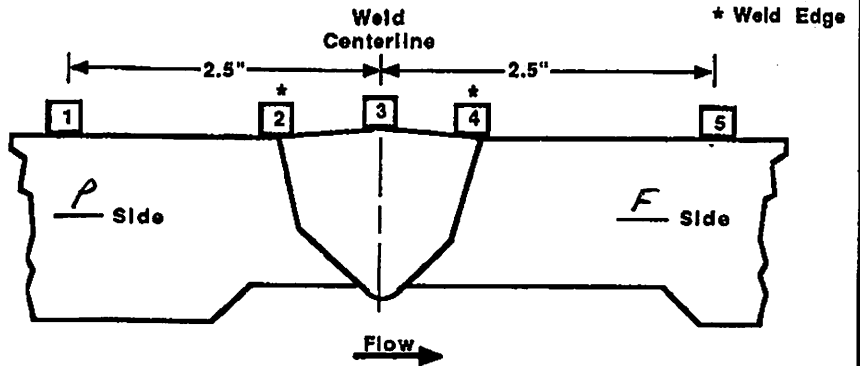
BY: (Signature) LEVEL: 7 DATE: 03-18-15 PAGE 6 OF 7

TVA	WALL THICKNESS PROFILE SHEET	REPORT NO: <div style="font-size: 18pt; margin-top: 5px;">R.P2474</div>
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PROJECT: <u>WBN</u> UNIT: <u>2</u>	WELD NO: <u>SIF-13-T097-13</u> SYSTEM: <u>SIS (063)</u>
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Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

Position	0°	90°	180°	270°
1	.301			
2	.359	N		
3	.394			
4	.395		A	
5	*			



CROWN HEIGHT: <u>FLUSH</u>	DIAMETER: <u>1.50</u>
CROWN WIDTH: <u>.4</u>	WELD LENGTH: <u>4.25</u>

PIPE
FLOW →
FLANGE

* No thickness readings taken due to configuration

EXAMINER: <u>[Signature]</u>	REVIEWED BY: <u>[Signature]</u>	ANII: <u>[Signature]</u>
LEVEL: <u>II</u>	LEVEL: <u>III</u>	DATE: <u>7-20-15</u>
DATE: <u>03-18-15</u>	DATE: <u>5-6-15</u>	PAGE: <u>7</u> OF <u>7</u>