

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  
FLOW 

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

Wo REFERENCE: E OF WELD

Lo 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 Lepore LEVEL: II

EXAMINER: Jonathan W Keeton LEVEL: II L

REVIEWED BY: Deanne Daley LEVEL: III DATE: 5-6-15

ANIR: Deanne Daley

DATE: 7-28-15

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TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS (063)

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

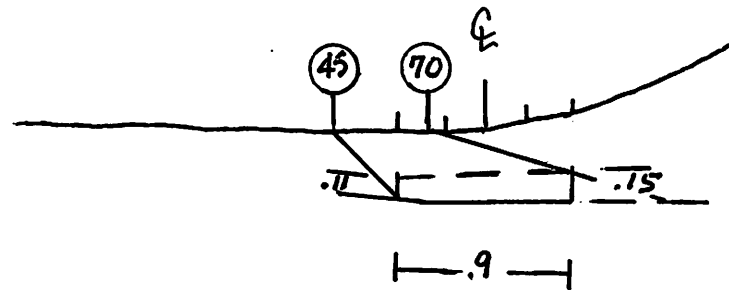
REPORT NO.:

R. P2474

PIPE

FLOW →

FLANGE



50% one sided examination  
code credit coverage achieved

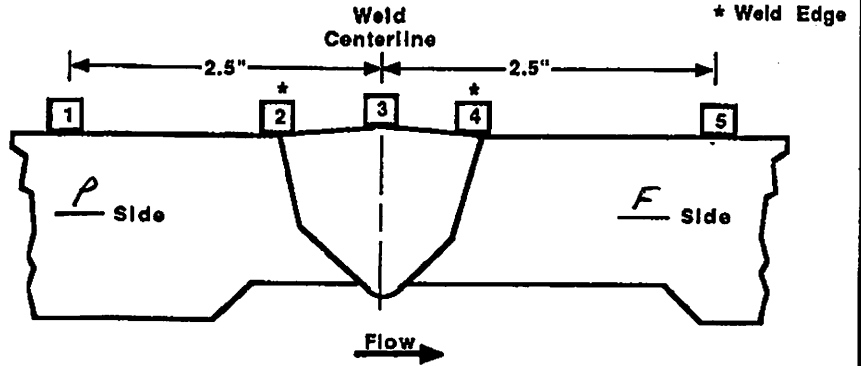
BY: (Signature) LEVEL: (Signature) DATE: 03-18-15 PAGE 6 OF (7)

**TVA** **WALL THICKNESS PROFILE SHEET** **REPORT NO: R.PJ474**

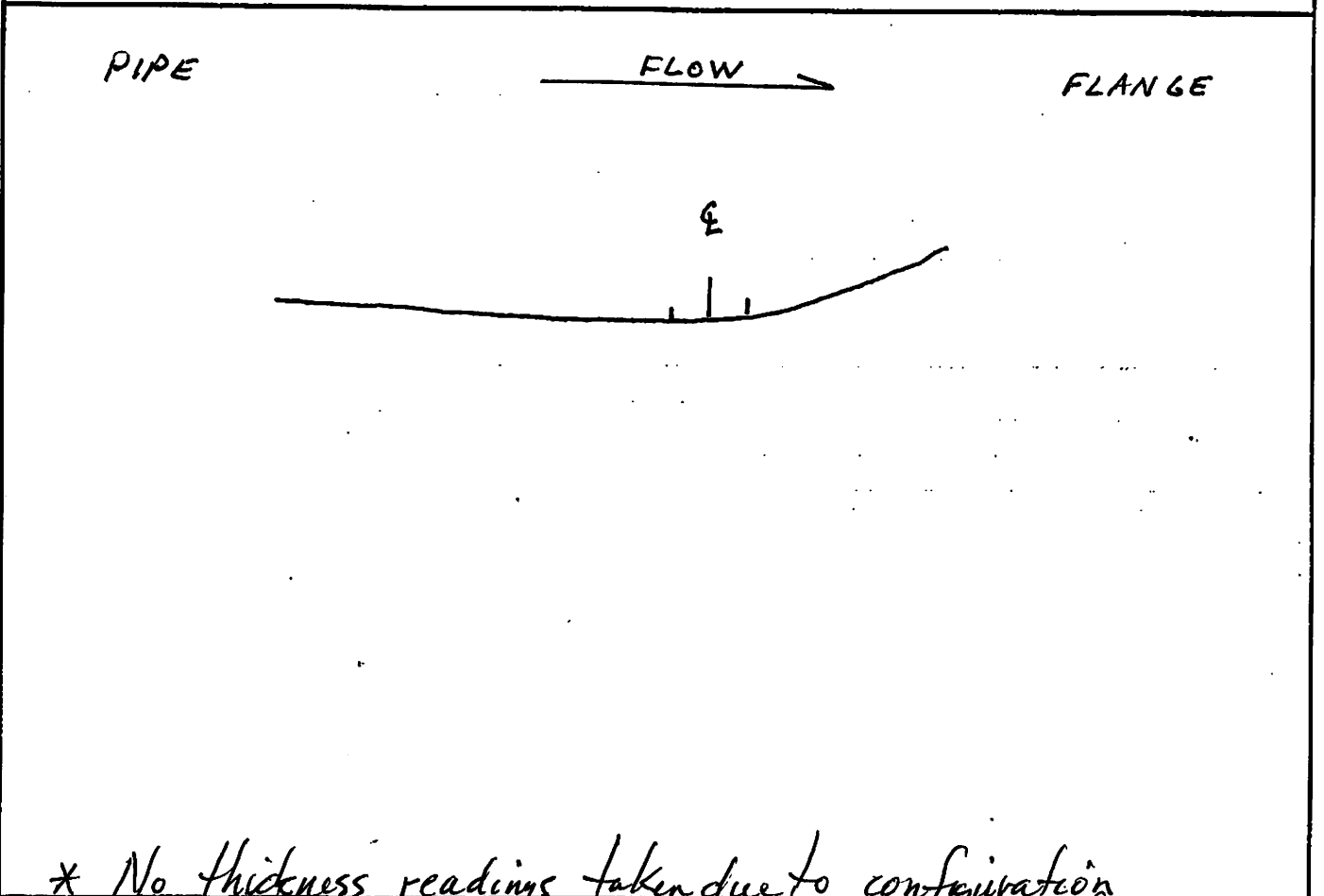
**PROJECT:** WBN **WELD NO:** SIF-13-T097-13  
**UNIT:** 2 **SYSTEM:** SIS (063)

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:** FLUSH **DIAMETER:** 1.50  
**CROWN WIDTH:** .4 **WELD LENGTH:** 6.25



*\* No thickness readings taken due to configuration*

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