

**TVA**

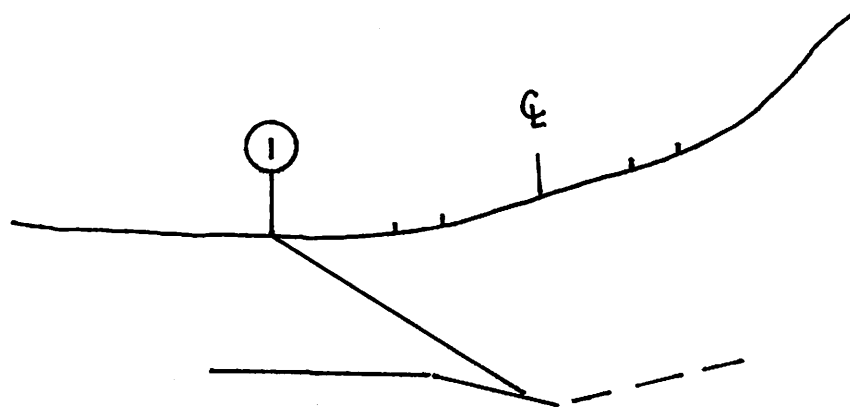
**Office of Nuclear Power**

PROJECT: WBN SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D197-06

REPORT NO.:

R-P1812



Indication ① is a root reflector  
can be seen intermittently 360° at  
varying amplitudes around the weld  
below reference.

BY: Jeffrey LEVEL: II DATE: 02-11-12 PAGE 6 OF 9

<h1>TVA</h1>	<h2>WALL THICKNESS PROFILE SHEET</h2>	REPORT NO: <div style="font-size: 1.2em; font-family: cursive;">R-P1812</div>
PROJECT: <u>WBN</u>		WELD NO: <u>SIF-D197-06</u>
UNIT: <u>2</u>		SYSTEM: <u>SIS</u>

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

Position	0°	90°	180°	270°
1	N/A			
2	1.1		N	
3	1.08			
4	.75		A	
5	.70			

CROWN HEIGHT: <u>FLUSH</u>	DIAMETER: <u>6.0</u>
CROWN WIDTH: <u>1.0</u>	WELD LENGTH: <u>22.5</u>

PIPE ← FLOW VALVE

(1.1 X 2) 2.2

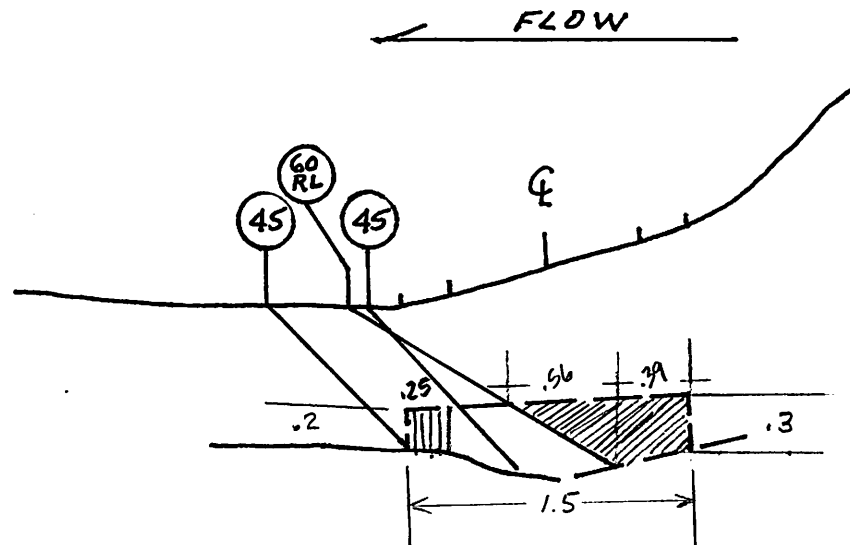
$(22.5 \div 3.14) 7.16 - 2.2 = 4.96 \div 7.16 = (.6927) 43.8^\circ$

EXAMINER: <u><i>Jim Repetto</i></u>	REVIEWED BY: <u><i>Mark Miller</i></u>	ANII: <u><i>Andrew Triplett</i></u>
LEVEL: <u>II</u>	LEVEL: <u>III</u>	DATE: <u>1-30-13</u>
DATE: <u>06-28-12</u>	DATE: <u>8/15/12</u>	PAGE <u>1</u> OF <u>9</u>

R-P1812

VALVE



$$\begin{aligned}
 &.25 \times 1.5 = .375 \times 22.5 = 8.4375 \times 4 = 33.75 \text{ (exam volume)} \\
 &.25 \times 1.5 = .375 \times 4.0 = 1.5 \text{ (DN limitation)} \\
 &.25 \times .25 = .0625 \times 2.9 = .18125 \text{ (CW limitation)} \\
 &.25 \times .25 = .0625 \times 2.9 = .18125 \text{ (CCW limitation)} \\
 &\quad 8.4375 \quad 8.4375 \quad 8.4375 \\
 - &\quad 1.5 \quad - \quad .18125 \quad - \quad .18125 \\
 \hline
 &6.9375 + 8.25625 + 8.25625 = 23.45 \div 33.75 = .6948 = 69.48\%
 \end{aligned}$$

BY: Mel Cevallos LEVEL: II DATE: 06-28-12 PAGE 8 OF 9

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**LEVEL:**

**DATE:**

06-28-12

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TVA

Office of Nuclear Power

PROJECT: WBN

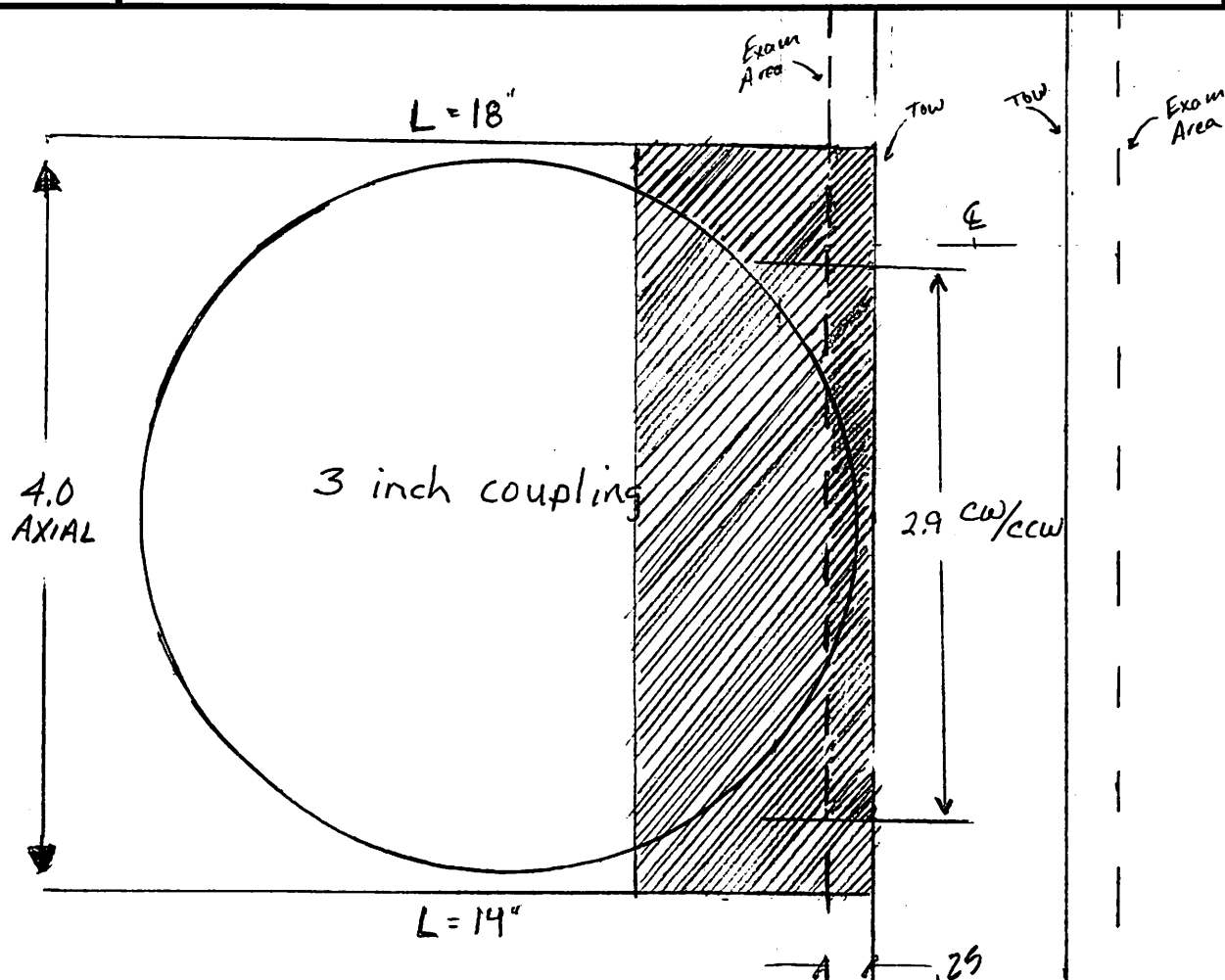
SYSTEM: SIS

REPORT NO.:

Unit: 2

WELD NO.: SIF-D197-06

R-P 1812



Limitation due to proximity of  
3 inch coupling branch connection

BY:

*[Signature]*

LEVEL:

HF

DATE:

07-11-12

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