

TVA

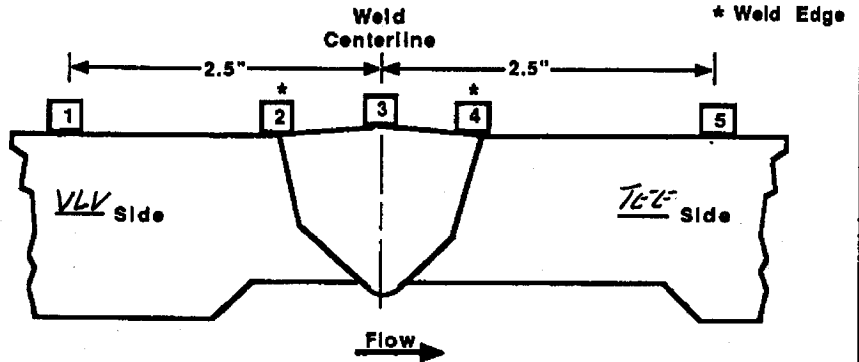
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R.P0287

PROJECT: WATTS BAR NUCLEARWELD NO: SIF-D197-05UNIT: 2SYSTEM: SISRecord Thickness Measurements As  
Indicated, Including Weld Width,  
Edge-To-Edge At 0°

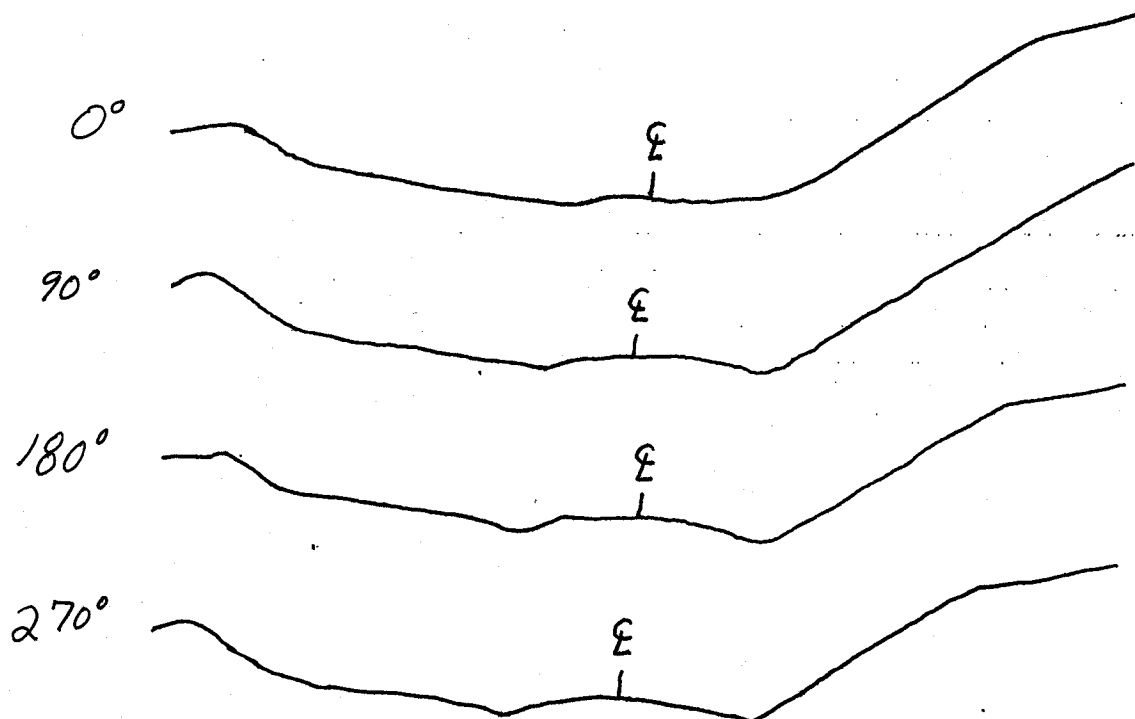
| Position | 0°    | 90°   | 180°  | 270°  |
|----------|-------|-------|-------|-------|
| 1        | N/A   | N/A   | N/A   | N/A   |
| 2        | 1.500 | 1.452 | 1.582 | 1.475 |
| 3        | 1.374 | 1.303 | 1.223 | 1.226 |
| 4        | 1.153 | 1.221 | 1.213 | 1.206 |
| 5        | N/A   | N/A   | N/A   | N/A   |

CROWN HEIGHT: .09375DIAMETER: 10.0CROWN WIDTH: 1.0WELD LENGTH: 36.0

VALVE

FLOW

TEE

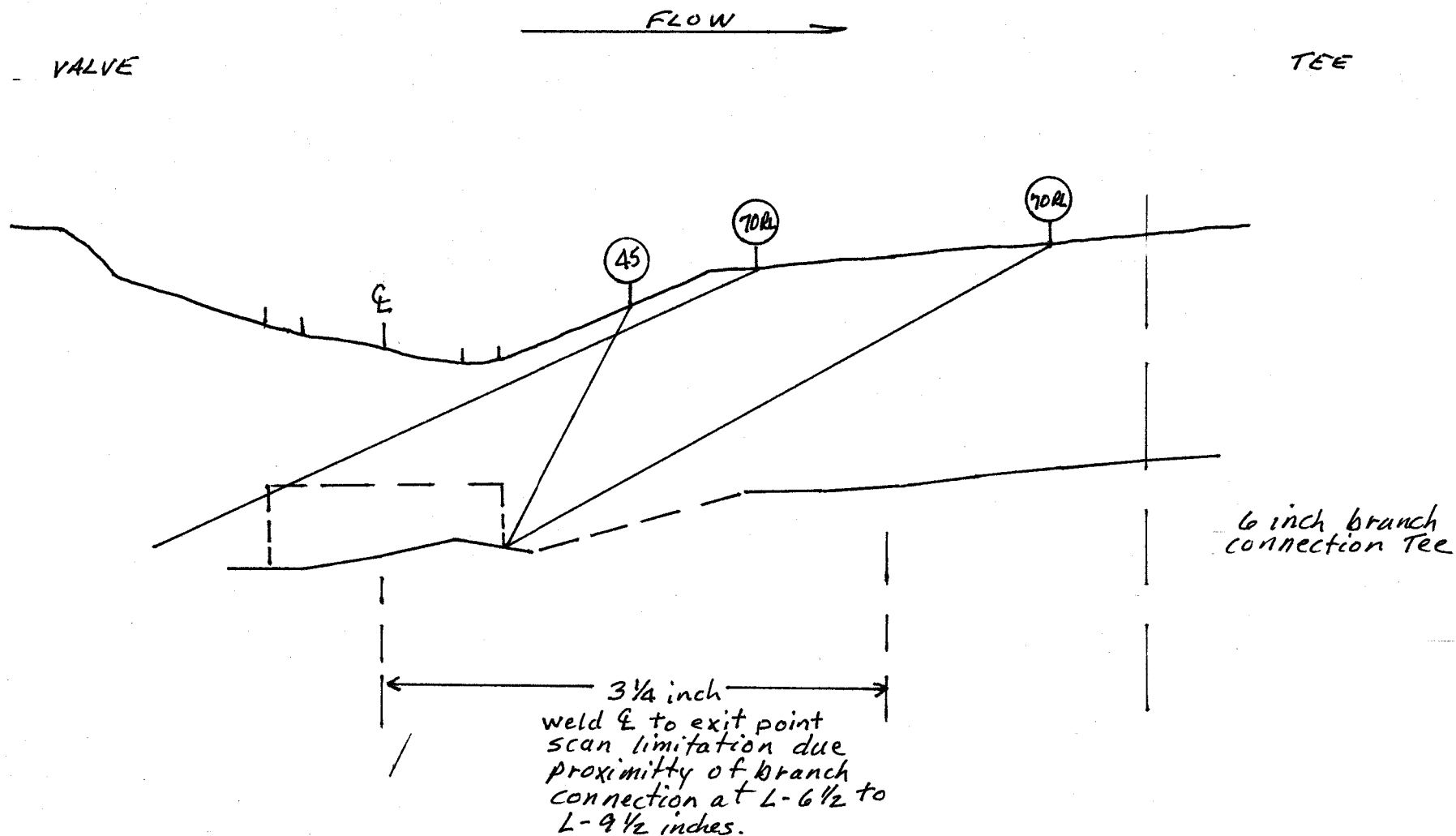
EXAMINER: José Alejandro J. Pardo  
LEVEL: II  
DATE: 04-21-09REVIEWED BY: David M. Dancy  
LEVEL: III DATE: 4-21-09ANII: W  
DATE: 5/6/09  
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TVA

Office of Nuclear Power

PROJECT: WBNSYSTEM: SIS

REPORT NO.:

UNIT: 2WELD NO: SIF-D197-05R. P0287BY: Jose Alejandro [Signature] LEVEL: II DATE: 04-21-09 PAGE 6 OF 6

SIF-D197-05

TVA Procedure  
N-GP-31

## Attachment 3

|         |   |       |      |          |
|---------|---|-------|------|----------|
| Item 1  | Required examination Volume in sq. in.<br>(width x height)                            | 1.5   | 0.45 | 0.675    |
| Item 2  | Number of <b>scan directions</b>  |       |      | 4        |
| Item 3  | Total Scan <b>volume</b> in sq. in.   |       |      | 2.7      |
| Item 4  | Total <b>length</b> of weld   |       |      | 36       |
| Item 5  | Total required <b>exam volume</b> in cubic inches                                     |       |      | 97.2     |
| Item 6  | <b>Exam volume achieved</b> (sq. in.) in direction 1 X <b>length of weld achieved</b> | 0.675 | 36   | 24.3     |
| Item 7  | <b>Exam volume achieved</b> (sq. in.) in direction 2 X <b>length of weld achieved</b> | 0.675 | 36   | 24.3     |
| Item 8  | <b>Exam volume achieved</b> (sq. in.) in direction 3 X <b>length of weld achieved</b> | 0.675 | 33   | 22.275   |
| Item 9  | <b>Exam volume achieved</b> (sq. in.) in direction 4 X <b>length of weld achieved</b> | 0     | 0    | 0        |
| Item 10 | Determined the <b>achivied exam volume</b> add 6, 7, 8 & 9                            |       |      | 70.875   |
| Item 11 | Exam <b>volume percentage</b> item 10/item 5 x 100                                    |       |      | 72.91667 |

**INFORMATION ONLY***Limitation due to valve  
and branch connection*JA  
04-21-09