

TVA

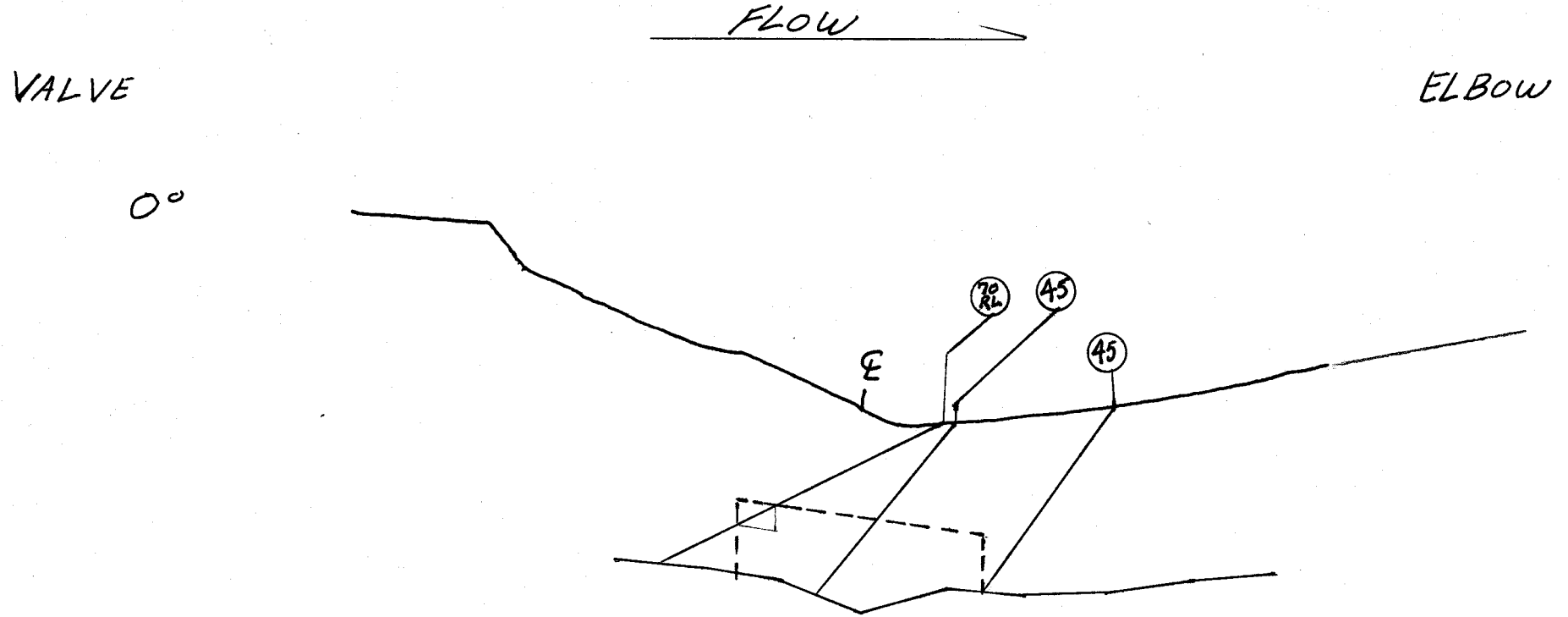
Office of Nuclear Power

PROJECT: WATTS BAR NUCLEAR SYSTEM: SIS

UNIT: 2 WELD NO: SIF-D197-09

REPORT NO.:

R. P0305



BY: Jose Alejandro [Signature] LEVEL: II DATE: 04-28-09 PAGE 5 OF 6

**TVA**

**WALL THICKNESS  
PROFILE SHEET**

REPORT NO:

R. P0305

PROJECT: WATTS BAR NUCLEAR

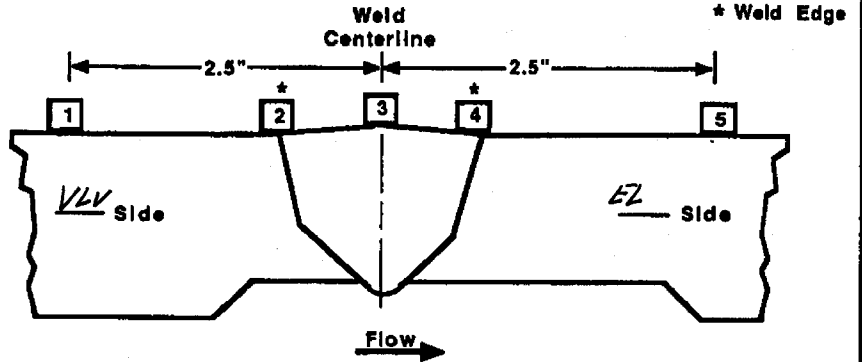
WELD NO: SIF-D197-09

UNIT: 2

SYSTEM: SIS

Record 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        | 1.310 | 1.400 | 1.377 | 1.530 |
| 3        | 1.280 | 1.720 | 1.190 | 1.148 |
| 4        | 1.054 | 1.149 | 1.067 | 1.052 |
| 5        | 1.206 | 1.840 | 1.281 | 1.189 |



CROWN HEIGHT: Flush

DIAMETER: 10.0

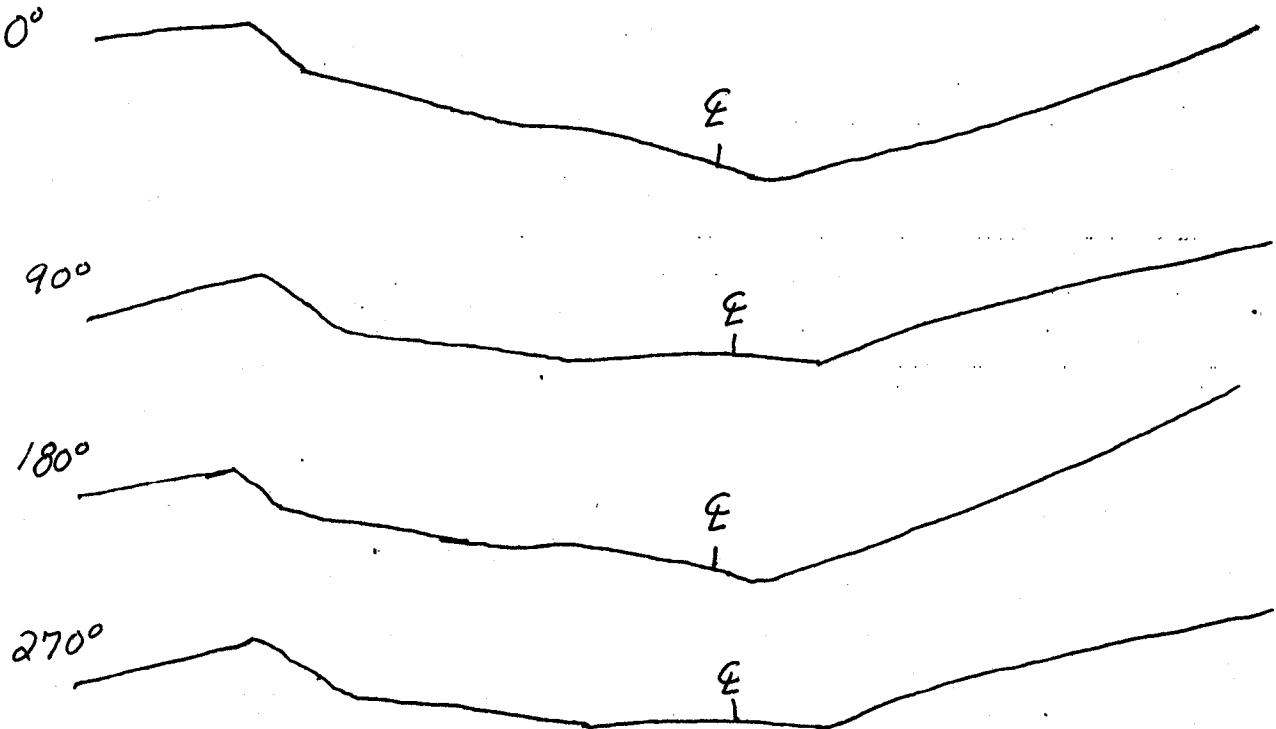
CROWN WIDTH: 1.0

WELD LENGTH: 35.750

VALVE

FLOW

ELBOW



EXAMINER:

*Mike Kennedy*

REVIEWED BY:

*Deanne Dwyer*

ANII:

*DD*

LEVEL:

II

LEVEL:

III

DATE: 5-11-09

DATE:

5/13/09

DATE:

04-28-09

PAGE

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OF

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R-P 0305

TVA Procedure  
N-GP-31

Weld# SIF-D197-09

Attachment 3

|         |   |       |       |          |
|---------|---|-------|-------|----------|
| Item 1  | Required examination Volume in sq. in. (width x height)                 | 1.5   | 0.45  | 0.675    |
| Item 2  | Number of scan directions   |       |       | 4        |
| Item 3  | Total Scan volume in sq. in.  |       |       | 2.7      |
| Item 4  | Total length of weld  |       |       | 35.75    |
| Item 5  | Total required exam volume in cubic inches                              |       |       | 96.525   |
| Item 6  | Exam volume achieved (sq. in.) in direction 1 X length of weld achieved | 0     | 0     | 0        |
| Item 7  | Exam volume achieved (sq. in.) in direction 2 X length of weld achieved | 0.656 | 35.75 | 23.452   |
| Item 8  | Exam volume achieved (sq. in.) in direction 3 X length of weld achieved | 0.675 | 35.75 | 24.13125 |
| Item 9  | Exam volume achieved (sq. in.) in direction 4 X length of weld achieved | 0.675 | 35.75 | 24.13125 |
| Item 10 | Determined the achieved exam volume add 6, 7, 8 & 9                     |       |       | 71.7145  |
| Item 11 | Exam volume percentage item 10/item 5 x 100                             |       |       | 74.2963  |

JA  
04-29-09

Limitation  
One sided examination due to valve

INFORMATION ONLY