

TVA

WALL THICKNESS
PROFILE SHEET

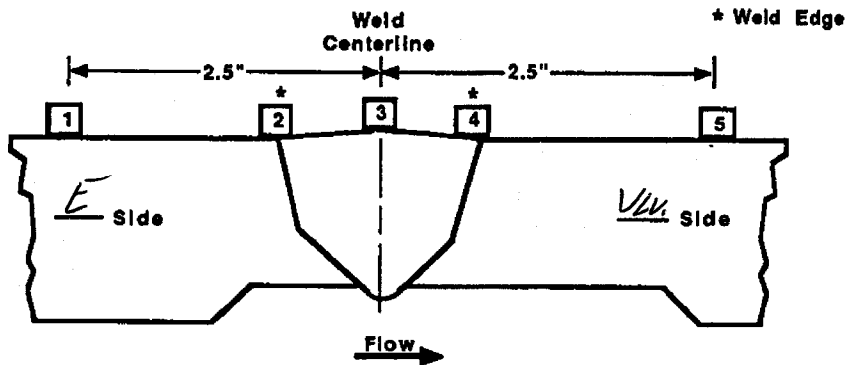
REPORT NO:

R-P0767

PROJECT: WBNWELD NO: RHRE-D031-14UNIT: 2SYSTEM: RHR

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

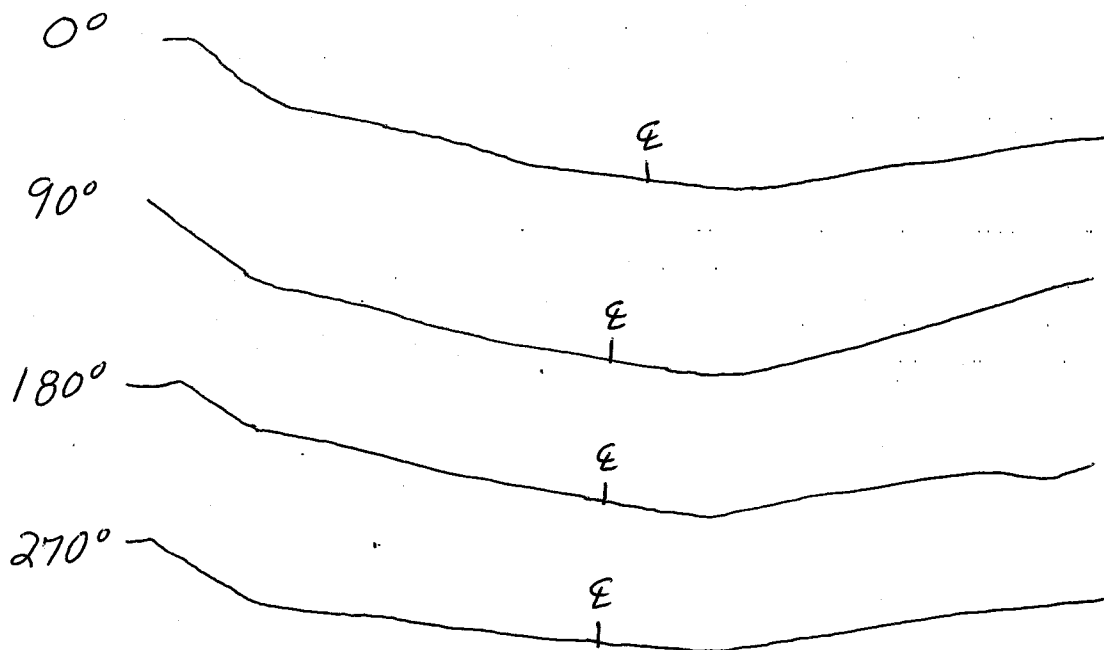
| Position | 0° | 90° | 180° | 270° |
|----------|------|------|------|------|
| 1 | 1.20 | 1.33 | 1.14 | 1.14 |
| 2 | 1.12 | 1.17 | 1.10 | 1.03 |
| 3 | 1.19 | 1.19 | 1.12 | 1.06 |
| 4 | 1.65 | 1.50 | 1.51 | 1.56 |
| 5 | N/A | N/A | N/A | N/A |

CROWN HEIGHT: FlushDIAMETER: 10"CROWN WIDTH: 1.1WELD LENGTH: 33.75

Valve

FLOW

Elbow

EXAMINER: Keith BullREVIEWED BY: [Signature]ANII: [Signature]LEVEL: IILEVEL: IIIDATE: 8-11-09DATE: 8/31/09DATE: 7-30-09PAGE 5 OF 6

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: RHR

UNIT: 2 WELD NO: RHRF-0031-14

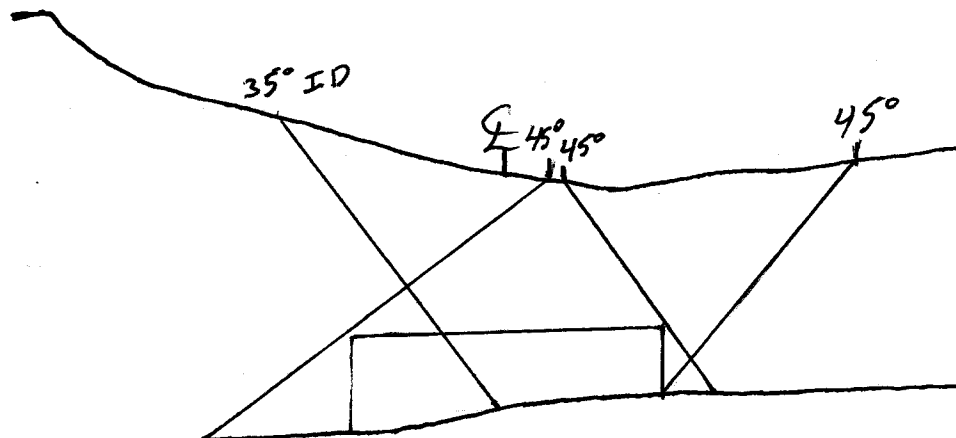
REPORT NO.:

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✓

← FLOW

EL



phased array angles used 25°-70°, phased array RL angles used 40°-70°

BY: Tyson Nissen *TN* LEVEL: II DATE: 7-30-87 PAGE 6 OF 6

Watts Bar Unit 2

R.P 0767

TVA Procedure N-GP-31
Attachments 3 & 4

Measured
Fields

Calculated
Fields

Worksheet Version 1.0 dated 07/01/09

WELD
NUMBER

RHRF-D031-14

Item 1 Required examination Volume in sq. in.
(width x height) 1.6 0.45 0.72 sq. in.

Item 2 Number of scan directions 4 directions

Item 3 Total Scan volume in sq. in. 2.88 sq. in.

Item 4 Total length of weld 33.75 inches

Item 5 Total required exam volume in cubic inches 97.2 cu. in.

Item 6 Exam volume acheived (sq. in.) in direction 1 X length of weld achieved 0.72 33.75 24.3 cu. In.

Item 7 Exam volume acheived (sq. in.) in direction 2 X length of weld achieved 0.72 33.75 24.3 cu. In.

Item 8 Exam volume acheived (sq. in.) in direction 3 X length of weld achieved 0.72 33.75 24.3 cu. In.

Item 9 Exam volume acheived (sq. in.) in direction 4 X length of weld achieved 0.42 33.75 14.175 cu. In.

Item 10 Determined the acheived exam volume add 6, 7, 8 & 9 87.075 cu. In.

Item 11 Exam volume percentage item 10/item 5 x 100 89.58 %

Limitation due to Valve configuration

INFORMATION ONLY

Initials
JPN

Date
08/06/2009