

TVA

**WALL THICKNESS
PROFILE SHEET**

REPORT NO:

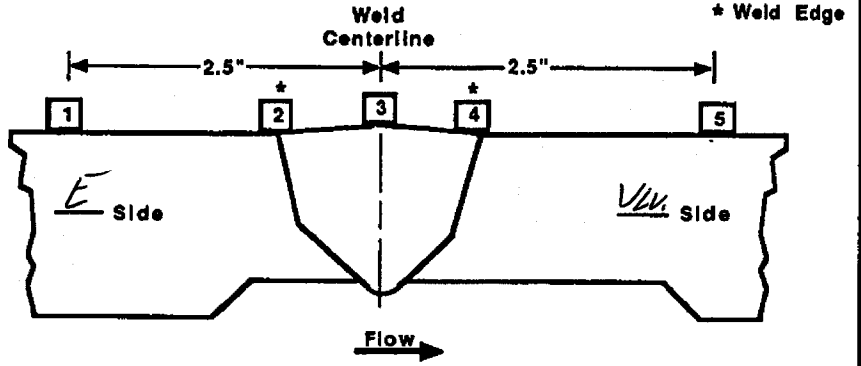
R-P0767

PROJECT: WBN
UNIT: 2

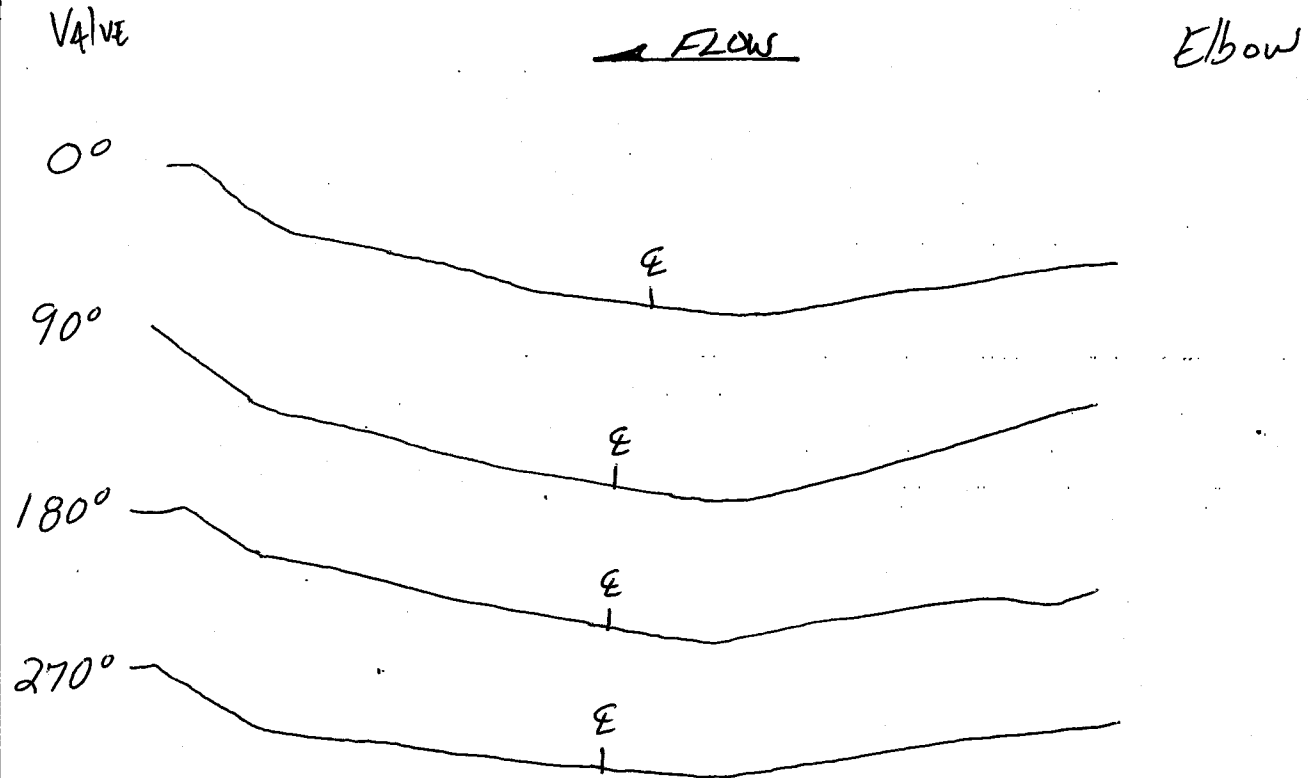
WELD NO: RHRE-D031-14
SYSTEM: RHR

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

Position	0°	90°	180°	270°
1	1.20	1.35	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: Flush DIAMETER: 10"
CROWN WIDTH: 1.1 WELD LENGTH: 33.75



EXAMINER: Keith Bull
LEVEL: II
DATE: 7-30-09

REVIEWED BY: [Signature]
LEVEL: III DATE: 8-11-09

ANII: [Signature]
DATE: 8/31/09
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TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: RHR

UNIT: 2 WELD NO: RHRF-0031-14

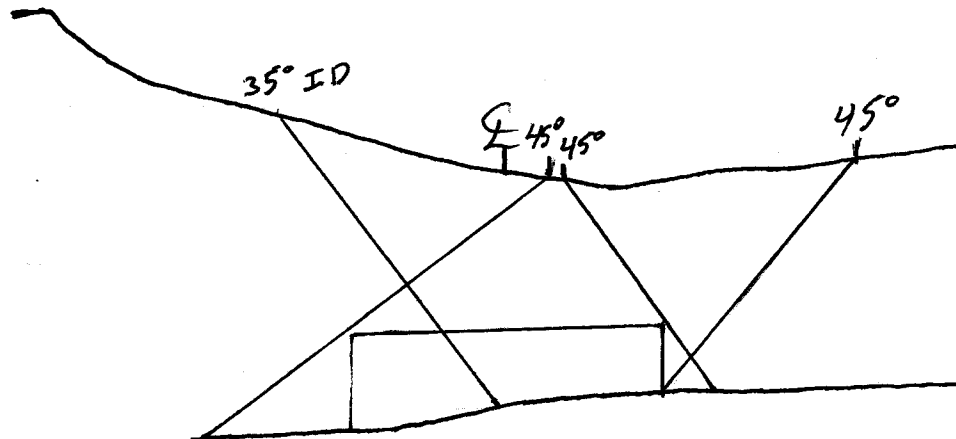
REPORT NO.:

R-P0767

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← FLOW

EL



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

BY: Jason Nissen *JN* LEVEL: II DATE: 7-30-07 PAGE 6 OF 6

Watts Bar Unit 2

R.P 0767

TVA Procedure N-GP-31
Attachments 3 & 4

Measured Fields	Calculated Fields
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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