

TVA

**WALL THICKNESS
PROFILE SHEET**

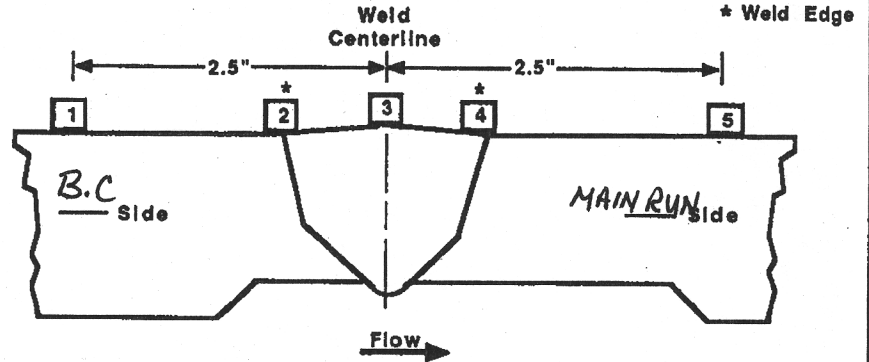
REPORT NO:
R-P1349

PROJECT: WBN
UNIT: 2

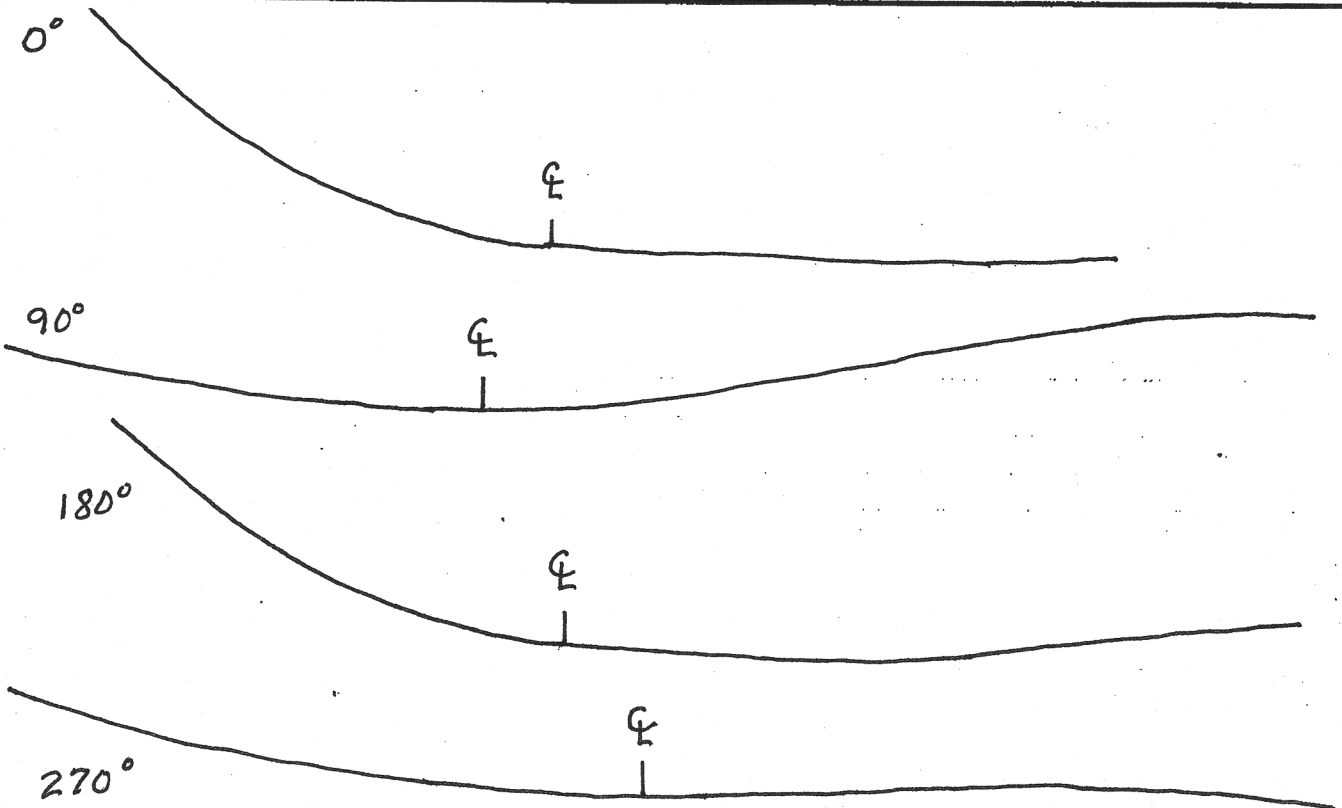
WELD NO: RCS-4-6
SYSTEM: RCS

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

Position	0°	90°	180°	270°
1	*	*	*	*
2	2.56	3.10	2.90	2.98
3	2.54	3.0	2.56	2.62
4	2.39	2.40	2.45	2.55
5	2.23	2.46	2.48	2.38



CROWN HEIGHT: Flush DIAMETER: 14.0
CROWN WIDTH: 2.0 WELD LENGTH: 61.75



** No thickness readings taken due to configuration.*

EXAMINER: Juan Alejandro
LEVEL: II
DATE: 11-18-10

REVIEWED BY: Dawn Ducey
LEVEL: III DATE: 12-8-10

ANII: B. Emigh
DATE: 1/29/11
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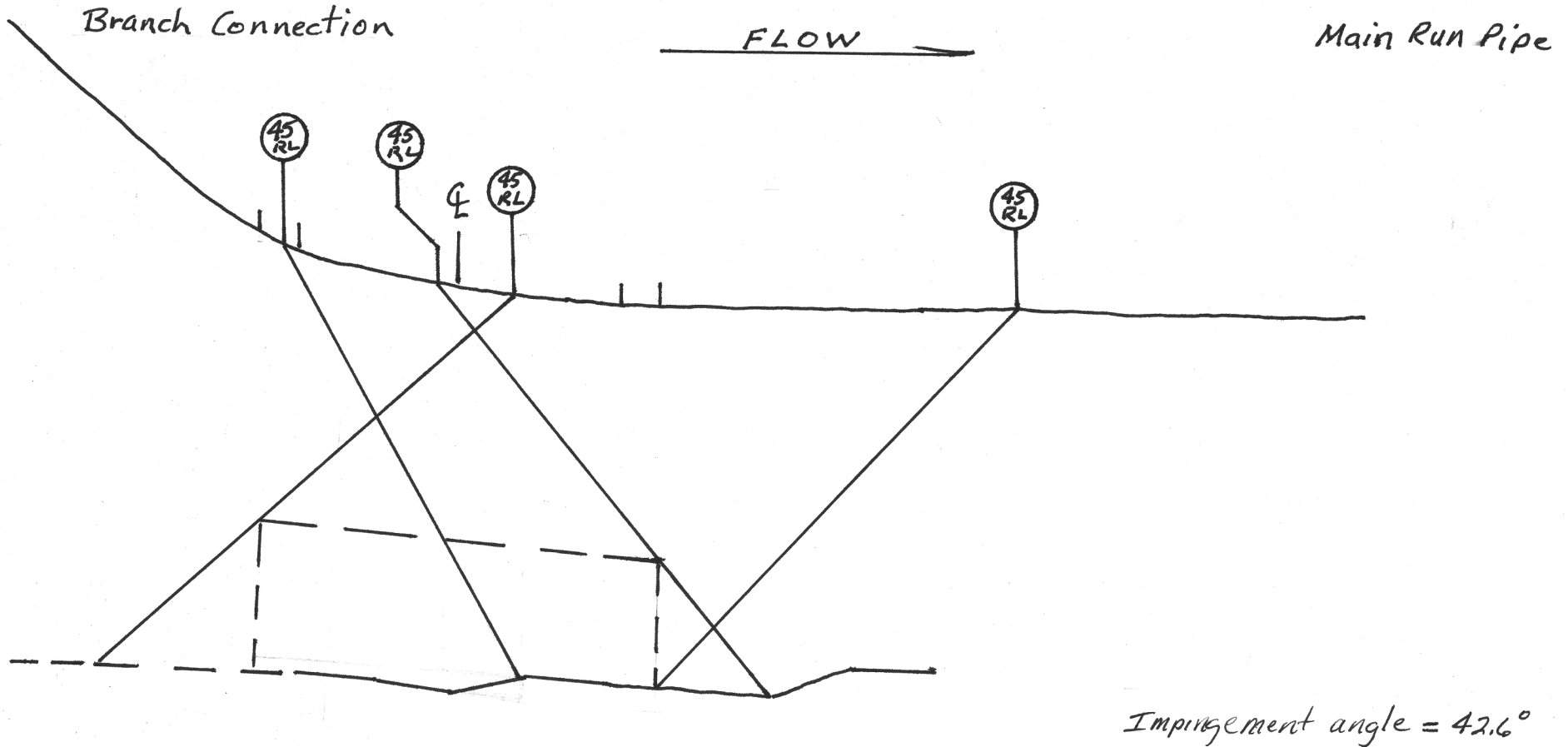
Office of Nuclear Power

PROJECT: WBN SYSTEM: RCS

UNIT: 2 WELD NO: RCS-4-6

REPORT NO.:

R-P1349



BY: José Alejandro [Signature] LEVEL: II DATE: 12-6-10 PAGE 4 OF 6

5 BH
12-17-10

Watts Bar Unit 2

TVA Procedure N-GP-31
Attachments 3 & 4

Measured Fields	Calculated Fields
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Worksheet Version 1.0 dated 07/01/09

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WELD NUMBER

RCS-4-6

Item 1	Required examination Volume in sq. in. (width x height)	0.875	2.5	2.1875	sq. in.
Item 2	Number of scan directions			4	directions
Item 3	Total Scan volume in sq. in.			8.75	sq. in.
Item 4	Total length of weld			61.75	inches
Item 5	Total required exam volume in cubic inches			540.3125	cu. in.
Item 6	Exam volume acheived (sq. in.) in direction 1 X length of weld achieved	0.8125	61.75	50.171875	cu. In.
Item 7	Exam volume acheived (sq. in.) in direction 2 X length of weld achieved	2.1875	61.75	135.07813	cu. In.
Item 8	Exam volume acheived (sq. in.) in direction 3 X length of weld achieved	2.1875	61.75	135.07813	cu. In.
Item 9	Exam volume acheived (sq. in.) in direction 4 X length of weld achieved	2.1875	61.75	135.07813	cu. In.
Item 10	Determined the acheived exam volume add 6, 7, 8 & 9			455.40625	cu. In.
Item 11	Exam volume percentage item 10/item 5 x 100			84.29	%

Scan # 3, limitation due to branch connection configuration.

Initials

JA

Date

12/07/2010