

TVA

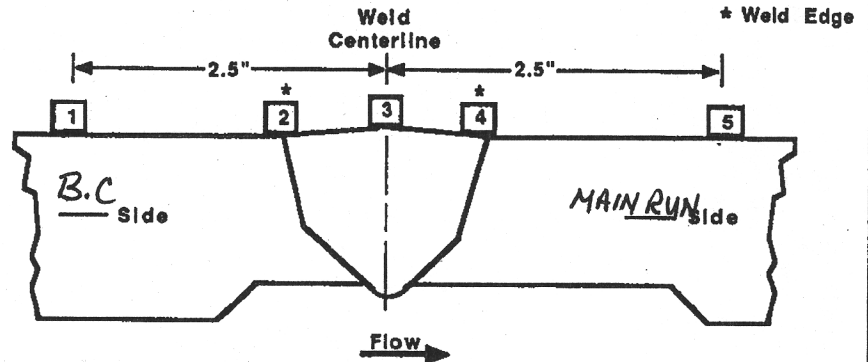
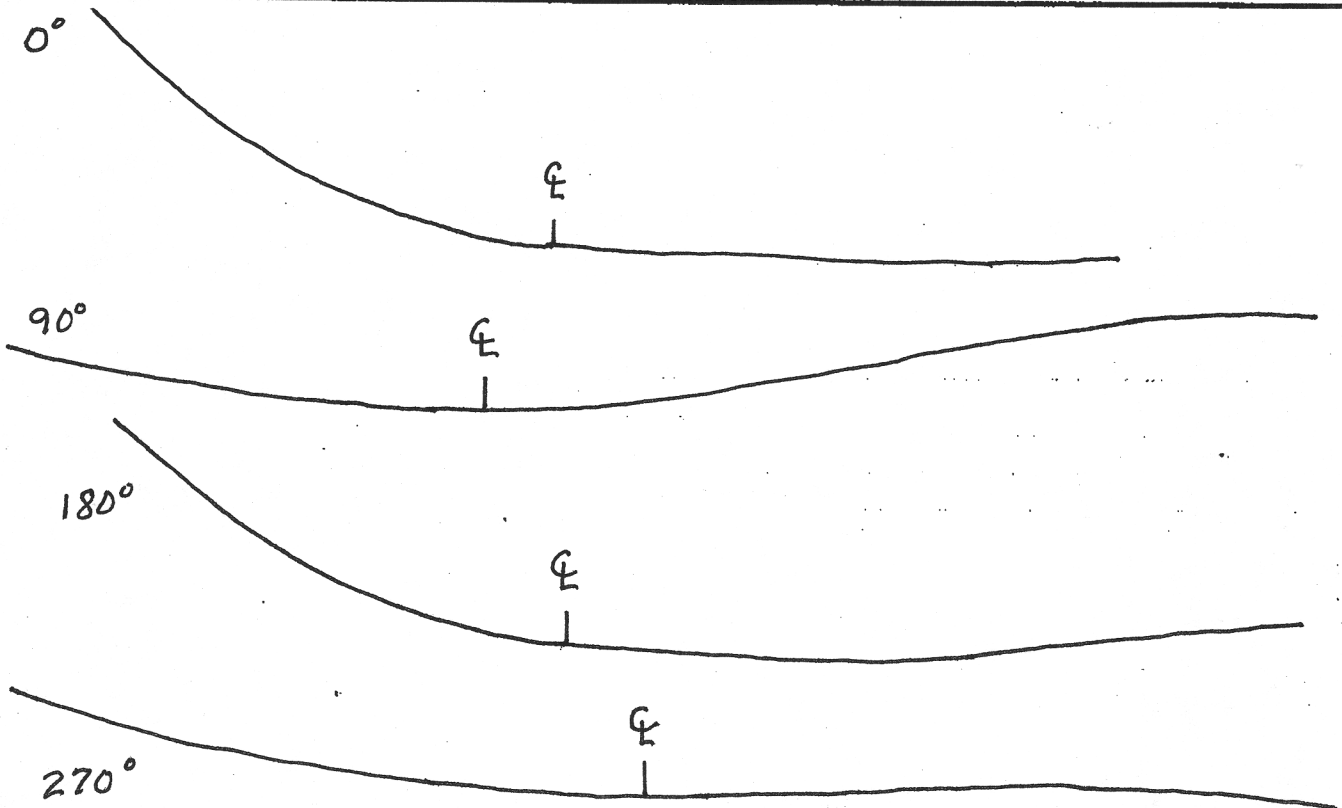
WALL THICKNESS  
PROFILE SHEET

REPORT NO:

R-P1349

PROJECT: WBN  
UNIT: 2WELD NO: RCS-4-6  
SYSTEM: RCSRecord 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: Joe Alejandro  
LEVEL: II  
DATE: 11-18-10REVIEWED BY: David Dwyer  
LEVEL: III DATE: 12-18-10ANII: B. Earnigh  
DATE: 1/29/11  
PAGE 4 OF 6

TVA

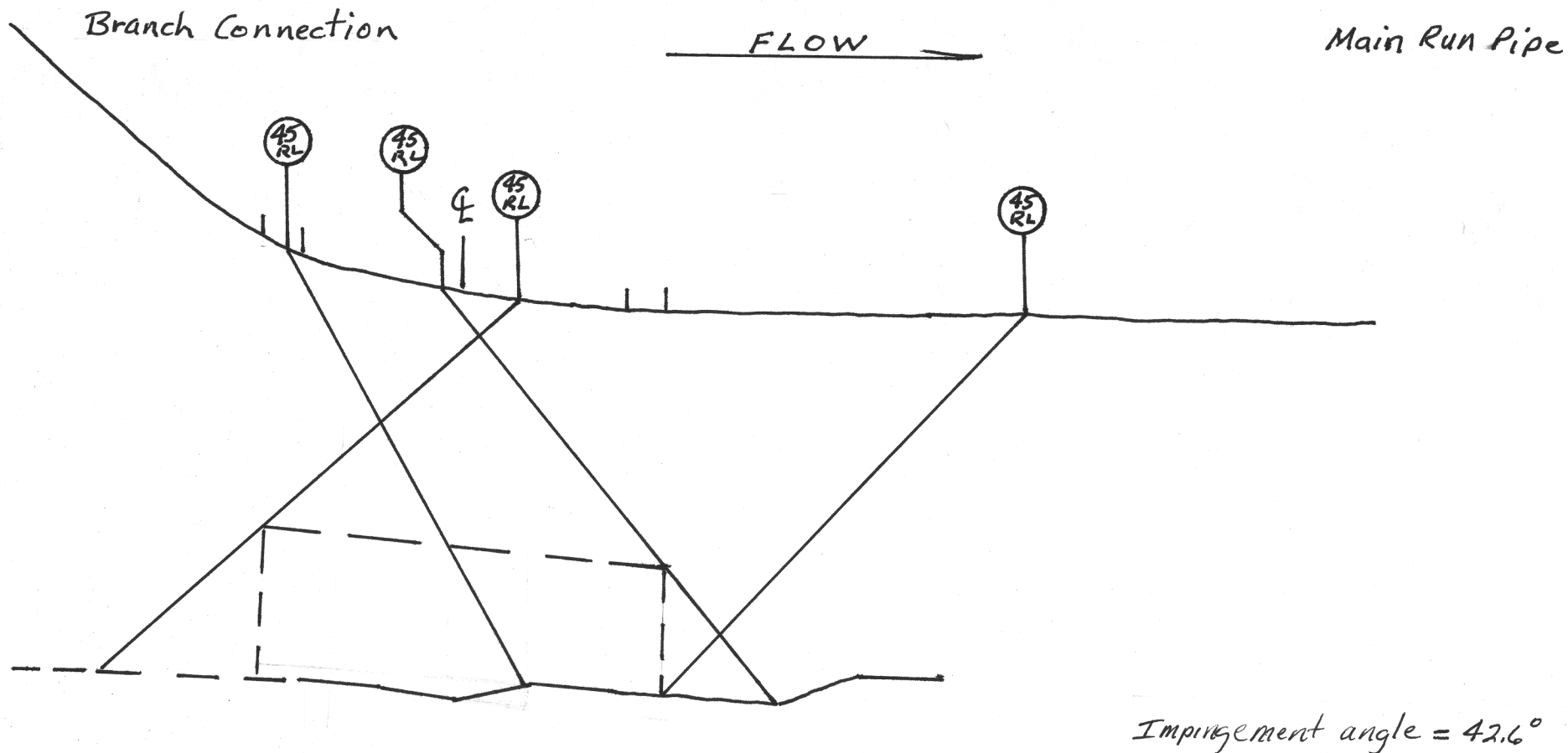
Office of Nuclear Power

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

R-P1349  
pg. 6

WELD  
NUMBER

RCS-4-6

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

Initials

JA

Date

12/07/2010