

INTERIM CHANGE REQUEST

Plan Title/Rev. Unit 1 Inservice Inspection Plan Rev 5 ICR No. ISI-IR5-01

Reference: Page
Table
Relief Request, and/or
Component: Sections 4.1, 4.2, 4.3
App's A, B

Reason for Change: Implementation of the IRFO6 ISI Outage Plan has identified several examination items that have been corrected, have had calibration block changes, have been rescheduled or require relief requests. The changes requested maintain ISF Plan compliance with ASME Section XI requirements for sample percentages, schedules and examination methods.

Proposed Revision:

See page 2 for proposed revision.

J DeBom's Eng Prog's 7/17/98
Initiator Department Date

Approved: Yes [] No RB Mays RF Mays 7-20-98
Engineering Programs Supervisor Date

Reason for Disapproval:

STA-703-5
Page 1 of 1
R-1

Proposed Revision (contd.):

- Replace existing section 4.1, 4.2 and 4.3 page numbers 10, 35, 36, 39, 51, 55, 74, 75, 94, 98, 109, 115, 156, 167, 168, 186, 187, 198, 205, 208, 214, 220, 233, 234, 235, 240 and 247 with the attached marked up pages.
- Add the attached pages 109.1 and 250 to sections 4.2 and 4.3 respectively.
- Replace existing Appendix A, Index of Relief Requests with the attached revised index.
- Add the attached relief requests B-6 rev. 2, B-7 rev. 2, B-12, B-13, B-14 and C-9 to Appendix A.
- Add the attached Appendix B page 4.

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS
	ASME SEC. XI CATGY NDE ITEM NO METH		FIRST PERIOD			SECOND PERIOD		THIRD PERIOD		
			1	2	3	1	2	1	2	**CALIBRATION BLOCK**
<u>REACTOR COOLANT TBX-RCPCRV-01</u>										
005640 TBX-1-1400-13 RV STUD	B-G-1 B6.30	UT MT	1	-	-	C	-	-	-	82 TDLR VERIFICATION BOUNDARY. **TBX-52**
005660 TBX-1-1400-14 RV STUD	B-G-1 B6.30	UT MT	1	-	-	C	-	-	-	82 TDLR VERIFICATION BOUNDARY. **TBX-52**
005680 TBX-1-1400-15 RV STUD	B-G-1 B6.30	UT MT	1	-	-	C	-	-	-	82 TDLR VERIFICATION BOUNDARY. **TBX-52**
005700 TBX-1-1400-16 RV STUD	B-G-1 B6.30	UT MT	1	-	-	C	-	-	-	82 TDLR VERIFICATION BOUNDARY. **TBX-52**
005720 TBX-1-1400-17 RV STUD R160 905RB	B-G-1 B6.30 B6.20	UT MT	1	-	-	-	-	-	X	82 TDLR VERIFICATION BOUNDARY. **TBX-52**
005740 TBX-1-1400-18 RV STUD R160 905RB	B-G-1 B6.30	UT MT	1	-	-	-	-	-	X	82 TDLR VERIFICATION BOUNDARY. **TBX-52**
005760 TBX-1-1400-19 RV STUD R160 905RB	B-G-1 B6.30	UT MT	1	-	-	-	C	-	-	82 TDLR VERIFICATION BOUNDARY. **TBX-52**

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL ASME SEC. XI CATGY NDE ITEM NO METH	PLAN STATUS			PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD		
		1 2 3	1 2	1 2		

REACTOR COOLANT TBX-RCPCSG-02

010800	TBX-1-3100-2A SG2 INLET NOZZLE INNER RADIUS A25 812RB	B-D B3.140	UT	1 - - -	C - - -	NA	TDLR VERIFICATION BOUNDARY. **SG-IR**
010900	TBX-1-3100-2B SG2 OUTLET NOZZLE INNER RADIUS A25 812RB	B-D B3.140	UT	1 - - -	C - - -	NA	TDLR VERIFICATION BOUNDARY. **SG-IR**
011000	TBX-1-3100-2B1-16 SG2 HOTLEG MANWAY BOLTING (2-B1/2-B16) A25 812RB	B-G-2 B7.30	VT-1	1 - - -	C - - -	84	TDLR VERIFICATION BOUNDARY
011100	TBX-1-3100-2B17-32 SG2 COLDLEG MANWAY BOLTING (2-B17/2-B32) A25 812RB	B-G-2 B7.30	VT-1	1 - - -	C - - -	84	TDLR VERIFICATION BOUNDARY

REACTOR COOLANT TBX-RCPCSG-03

1200	TBX-1-3100-3-1 SG3 CHANNEL HEAD TO TUBESHEET WELD R154K812RB	B-B B2.40	UT	1 - - -	- - - X -	82	TDLR VERIFICATION BOUNDARY. **TBX-28**
011300	TBX-1-3100-3A SG3 INLET NOZZLE INNER RADIUS R154K812RB	B-D B3.140	UT	1 - - -	- - - X -	NA	TDLR VERIFICATION BOUNDARY. SGIR
011400	TBX-1-3100-3B SG3 OUTLET NOZZLE INNER RADIUS R154K812RB	B-D B3.140	UT	1 - - -	- - - X -	NA	TDLR VERIFICATION BOUNDARY. SGIR

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS		
		ASME SEC. XI CATGY	NDE METH	1	2	3	1	2	1			2	

<u>REACTOR COOLANT TBX-RCPCSG-03</u>													
011500	TBX-1-3100-3B1-16 SG3 HOTLEG MANWAY BOLTING (3-B1/3-B16) R154K812RB	B-G-2	VT-1	1	-	-	-	-	-	X	-	84	TDLR VERIFICATION BOUNDARY.
011600	TBX-1-3100-3B17-32 SG3 COLDLEG MANWAY BOLTING (3-B17/3-B32) R154K812RB	B-G-2	VT-1	1	-	-	-	-	-	X	-	84	TDLR VERIFICATION BOUNDARY.
<u>REACTOR COOLANT TBX-RCPCSG-04</u>													
011700	TBX-1-3100-4-1 SG4 CHANNEL HEAD TO TUBESHEET WELD R154L812RB	B-B	UT	1	-	-	-	-	-	X	-	82	TDLR VERIFICATION BOUNDARY. **TBX-28**
011800	TBX-1-3100-4A SG4 INLET NOZZLE INNER RADIUS R154L812RB	B-D	UT	1	-	-	-	-	-	X	-	NA	TDLR VERIFICATION BOUNDARY. <i>Handwritten: TBX-28 SGIR</i>
1900	TBX-1-3100-4B SG4 OUTLET NOZZLE INNER RADIUS R154L812RB	B-D	UT	-	-	-	-	-	-	X	-	NA	TDLR VERIFICATION BOUNDARY. <i>Handwritten: TBX-28 SGIR</i>
012000	TBX-1-3100-4B1-16 SG4 HOTLEG MANWAY BOLTING (4-B1/4-B16) R154L812RB	B-G-2	VT-1	1	-	-	-	-	-	X	-	84	TDLR VERIFICATION BOUNDARY.
012100	TBX-1-3100-4B17-32 SG4 COLDLEG MANWAY BOLTING (4-B17/4-B32) R154L812RB	B-G-2	VT-1	1	-	-	-	-	-	X	-	84	TDLR VERIFICATION BOUNDARY.

COMANCHE PEAK UNIT 1
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CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS	
		ASME SEC. XI CATGY NDE ITEM NO METH	FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	O U T A G E				
			1	2	3	1	2	1	2	**CALIBRATION BLOCK**

RESIDUAL HEAT REMOVAL 12-RH-1-001-2501R-1

015800 TBX-1-4101-8701A-BLT B-G-2 VT-1 1 - - C - - - - 84
VALVE BODY BOLTING B7.70
R154 C17RB

015810 TBX-1-4101-8701A-INT B-M-2 VT-3 1 - - - - - 84
VALVE BODY INTERNAL SURFACES B12.50
R154IH17RB



GROUP 2 - ONE VALVE WITHIN THE GROUP TO BE EXAMINED

REACTOR COOLANT 10-RC-1-021-2501R-1

016100 TBX-1-4102-3 B-J UT 1 C - - - - - 82
PIPE TO ELBOW B9.11 PT
A23 831RB

TBX-9

016200 TBX-1-4102-4 B-J UT 1 C - - - - - 82
ELBOW TO PIPE B9.11 PT
A23 831RB

TBX-9

6500 TBX-1-4102-7 B-J UT 1 - - - - - X - 31
PIPE TO VALVE B9.11 PT
R154I831RB

TBX-9

SAFETY INJECTION 10-SI-1-179-2501R-1

016600 TBX-1-4102-8 B-J UT 1 - - - - - X - 81
VALVE TO PIPE B9.11 PT
R154I831RB

TBX-9

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL	ASME SEC. XI CATGY NDE ITEM NO METH	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS	
				FIRST PERIOD			SECOND PERIOD		THIRD PERIOD			
				O U T A G E								
				1	2	3	1	2	1	2	**CALIBRATION BLOCK**	

SAFETY INJECTION 6-SI-1-101-2501R-1

036400 TBX-1-4203-8949B-BLT VALVE BODY BOLTING R154J831RB B-G-2 VT-1 1 - - - - - X - 84 B7.70

036410 TBX-1-4203-8949B-INT VALVE BODY INTERNAL SURFACES R154J831RB B-M-2 VT-3 1 - - - - -  84 GROUP 4 - ONE VALVE WITHIN THE GROUP TO BE EXAMINED B12.50

REACTOR COOLANT 6-RC-1-029-2501R-1

036500 TBX-1-4203-9 VALVE TO PIPE R154J831RB B-J UT 1 - - - - C - - 82 B9.11 PT

TBX-5


REACTOR COOLANT 1.5-RC-1-039-2501R-1

037900 TBX-1-4205-4 PIPE TO ELBOW R154J831RB B-J PT 1 - - - - C - - 82 B9.40

038000 TBX-1-4205-5 ELBOW TO PIPE R154J831RB B-J PT 1 - - - - C - - 86 B9.40

038100 TBX-1-4205-6 PIPE TO VALVE R154J831RB B-J PT 1 - - - - C - - 82 B9.40

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL ASME SEC. XI CATGY NDE ITEM NO METH	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS	
		FIRST PERIOD			SECOND PERIOD		THIRD PERIOD			
		1	2	3	1	2	1	2	**CALIBRATION BLOCK**	
<u>REACTOR COOLANT 31-RC-1-041-WEST-1</u>										
045100	TBX-1-4300-16 PIPE TO BRANCH CONNECTION A27 816RB	B-J PT	1	-	-	C	-	-	82	TDLR VERIFICATION BOUNDARY.
<u>REACTOR COOLANT 10-RC-1-055-2501R-1</u>										
046200	TBX-1-4301-7 PIPE TO VALVE R154K832RB	B-J UT B9.11 PT	1	-	-	-	-	X	82	**TBX-9**
<u>SAFETY INJECTION 10-SI-1-181-2501R-1</u>										
046300	TBX-1-4301-8 VALVE TO PIPE R154K832RB	B-J UT B9.11 PT	1	-	-	-	-	X	81	**TBX-9**
047000	TBX-1-4301-15 PIPE TO VALVE R154K823RB	B-J UT B9.11 PT	1	-	-	-	-	X	82	**TBX-9**
047200	TBX-1-4301-8956C-BLT VALVE BODY BOLTING R154K823RB	B-G-2 VT-1 B7.70	1	-	-	-	-	-	84	
047210	TBX-1-4301-8956C-INT VALVE BODY INTERNAL SURFACES A27 823RB	B-M-2 VT-3 B12.50	1	-	-	C	-	-	84	GROUP 3 - ONE VALVE WITHIN THE GROUP TO BE EXAMINED

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS		
		ASME SEC. XI CATGY	NDE METH	FIRST PERIOD		SECOND PERIOD		THIRD PERIOD					
				O U T A G E							**CALIBRATION BLOCK**		
				1	2	3	1	2	1	2			
<u>REACTOR COOLANT 3-RC-1-111-2501R-1</u>													
086100	TBX-1-4502-11 PIPE TO VALVE R161A907RB	B-J	PT	1	-	-	-	-	-	X	-	82	
086200	TBX-1-4502-12 VALVE TO PIPE R161A907RB	B-J	PT	1	-	-	-	-	-	X	-	82	TDLR VERIFICATION BOUNDARY
086800	TBX-1-4502-19 WELDOLET TO PIPE R161A908RB	B-J	PT	1	-	-	-	-	-	X	-	88	TDLR VERIFICATION BOUNDARY
<u>REACTOR COOLANT 3-RC-1-146-2501R-1</u>													
087600	TBX-1-4502-26 PIPE TO VALVE R161A907RB	B-J	PT	1	-	-	-	C	-	-	-	82	TDLR VERIFICATION BOUNDARY
087900	TBX-1-4502-29 VALVE TO PIPE R161A907RB	B-J	PT	1	-	-	-	C	-	-	-	82	
088000	TBX-1-4502-30 PIPE TO VALVE R161A907RB	B-J	PT	1	-	-	-	C	-	-	-	82	
<u>REACTOR COOLANT 4-RC-1-162-2501R-1</u>													
090200	TBX-1-4503-16 PIPT TO VALVE R160B909RB	B-J	UT	1	-	-	-	-	-	-	-	82	



TBX-4

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 1 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**	
	ASME SEC. XI CATGY NDE ITEM NO METH		FIRST PERIOD		SECOND PERIOD		THIRD PERIOD				

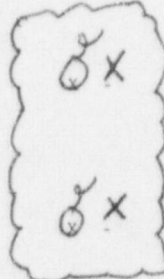
<u>REACTOR COOLANT 4-RC-1-088-2501R-1</u>											
090300	090300	TBX-1-4503-19 VALVE TO PIPE R160B909RB	B-J B9.11	UT PT	1	-	-	-	-	82	**TBX-4**

<u>REACTOR COOLANT 4-RC-1-091-2501R-1</u>											
091000	091000	TBX-1-4503-26 REDUCER TO PIPE R161A913RB	B-J B9.11	UT PT	1	C	-	-	-	82	**TBX-4**
091100	091100	TBX-1-4503-27 PIPE TO PIPE R161A913RB	B-J B9.11	UT PT	1	-	-	-	C	82	**TBX-4**
091200	091200	TBX-1-4503-28 PIPE TO PIPE R161A908RB	B-J B9.11	UT PT	1	-	-	-	C	88	**TBX-4**
091300	091300	TBX-1-4503-29 PIPE TO PIPE R161A908RB	B-J B9.11	UT PT	1	-	-	-	C	82	**TBX-4**
091400	091400	TBX-1-4503-30 PIPE TO SAFE END R161A907RB	B-J B9.11	UT PT	1	C	-	-	-	82	**TBX-4**
091500	091500	TBX-1-4503-31 SAFE END TO PRESSURIZER NOZZLE R161A907RB	B-F B5.40	UT PT	1	-	-	-	C	82	**DMCB-1**

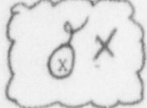
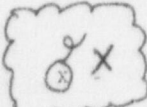


COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY NDE ITEM NO METH	INSPECTION INTERVAL						PLAN STATUS			PRESERVICE YEAR	INSTRUCTIONS
		FIRST PERIOD		SECOND PERIOD		THIRD PERIOD		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD		
-----												**CALIBRATION BLOCK**
<u>FEEDWATER 16-FW-1-076-1303-2</u>												
164000 TBX-2-2401-1 NOZZLE TO ELBOW A29 841RB	C-F-2 UT CS.51 MT	1	-	C	-	-	-	-	-	-	82	TDLR VERIFICATION BOUNDARY. **TBX-20**
<u>FEEDWATER 18-FW-1-020-1303-2</u>												
164100 TBX-2-2401-2 ELBOW TO PIPE R155K840RB	C-F-2 UT CS.51 MT	1	-	-	-	-	-	-	X	-	NA	TDLR VERIFICATION BOUNDARY. **TBX-21**
164900 TBX-2-2401-10 PIPE TO PIPE (PENETRATION) R155A856RB	C-F-2 UT CS.51 MT	1	-	C	-	-	-	-	-	-	82	TDLR VERIFICATION BOUNDARY. **TBX-21**
<u>FEEDWATER 18-FW-1-037-2003-2</u>												
165300 TBX-2-2401-13 PIPE TO VALVE R100A856SB	C-F-2 UT CS.51 MT	1	-	-	-	-	-	-	X	-	82	TDLR VERIFICATION BOUNDARY. **TBX-38**
165400 TBX-2-2401-14 VALVE TO PIPE R100A856SB	C-F-2 UT CS.51 MT	1	-	-	-	-	-	-	X	-	82	TDLR VERIFICATION BOUNDARY. **TBX-38**
<u>FEEDWATER 18-FW-1-020-1303-2</u>												
165710 TBX-2-2401-16 PIPE TO FLANGE R155A856RB	C-F-2 UT CS.51 MT	1	-	-	-	-	-	-	X	-	82	TDLR VERIFICATION BOUNDARY. **TBX-21**



COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS	
		ASME SEC. XI CATGY	NDE METH	FIRST PERIOD			SECOND PERIOD		THIRD PERIOD			
				1	2	3	1	2	1	2		**CALIBRATION BLOCK**
<u>RESIDUAL HEAT REMOVAL 12-RH-1-004-601R-2</u>												
179700	TBX-2-2501-12 ELBOW TO PIPE R63 806SB	C-F-1 C5.11	UT PT	1	-	-	-	-	X	-	82	**TBX-11**
<u>RESIDUAL HEAT REMOVAL 16-RH-1-008-601R-2</u>												
181100	TBX-2-2501-26 FLANGE TO PIPE R51 780SB	C-F-1 C5.11	UT PT	1	-	-	-	-	X	-	82	**TBX-15**
181200	TBX-2-2501-27 PIPE TO FLANGE R51 776SB	C-F-1 C5.11	UT PT	1	-	-	-	-	X	-	NA	**TBX-15**
181300	TBX-2-2501-28 FLANGE TO ELBOW R51 775SB	C-F-1 C5.11	UT PT	1	-	-	-	-			NA	**TBX-15**
1400	TBX-2-2501-29 ELBOW TO PIPE R51 775SB	C-F-1 C5.11	UT PT	1	-	-	-	-	X	-	NA	**TBX-15**
181500	TBX-2-2501-30 PIPE TO ELBOW R51 775SB	C-F-1 C5.11	UT PT	1	-	-	-	-			82	**TBX-15**
181600	TBX-2-2501-31 ELBOW TO PIPE R51 775SB	C-F-1 C5.11	UT PT	1	-	-	-	-	X	-	82	**TBX-15**

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	ASME SEC. XI CATGY NDE ITEM NO M TH	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS
			FIRST PERIOD			SECOND PERIOD		THIRD PERIOD		
			1	2	3	1	2	1	2	**CALIBRATION BLOCK**

CHEMICAL & VOLUME CONTROL 4-CS-1-344-2501R-2

303200 TBX-2-2569-21 C-F-1 UT 1 C - - - - - NA
PIPE TO TEE C5.21 PT

TBX-4

303300 TBX-2-2569-22 C-F-1 UT 1 C - - - - - NA
TEE TO PIPE C5.21 PT

TBX-4

CHEMICAL & VOLUME CONTROL 3-CS-1-626-2501R-2

305500 TBX-2-2569-44 C-F-1 UT 1 - - - - - X - NA
PIPE TO REDUCER C5.21 PT

TBX-3

CHEMICAL & VOLUME CONTROL 2-CS-1-630-2501R-2

305700 TBX-2-2569-46 C-F-1 PT 1 - - - - - X - NA
PIPE TO ELBOW C5.30

305800 TBX-2-2569-47 C-F-1 PT 1 - - - - - X - NA
ELBOW TO PIPE C5.30

CHEMICAL & VOLUME CONTROL 4-CS-1-085-2501R-2

~~303200 TBX-2-2569-21 C-F-1 UT 1 - - - - - X - NA FULL PENETRATION TEE JOINT
NOZZLE TO FLANGE C5.31 PT
R203 #18AB~~

DELETE

~~**TBX-4**~~

DATE: 06/19/98

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 2 ALL STATUS COMPONENTS

PAGE: 109.1

INSPECTION INTERVAL	PLAN STATUS			PRESEVICE YEAR
	FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	
ASME				
SEC. XI	-----			
CATGY NDE	- - - - - O U T A G E - - - - -			INSTRUCTIONS
ITEM NO METH	1 2 3	1 2	1 2	**CALIBRATION BLOCK**

CHEMICAL & VOLUME CONTROL 4-CS-1-085-2501R-2

307300	TBX-2-2570-2	C-F-1	UT	1 - - - - -	C -	NA
	FLANGE TO PIPE	C5.21	PT	ADD		
	R201 816AB					**TBX-4**

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		FIRST PERIOD		SECOND PERIOD		THIRD PERIOD			
		1	2	3	1	2	1	2	

SAFETY INJECTION 24-SI-1-901-151R-2

334900 TBX-2-2580-3 C-F-1 UT 1 - C - - - - - NA
PIPE TO VALVE CS.11 PT
R65D 814YD

TBX-50

SAFETY INJECTION 24-SI-1-029-151R-2

336200 TBX-2-2580-16 C-F-1 UT 1 - C - - - - - NA
PIPE TO ELBOW CS.11 PT
R85D 803YD

TBX-50

336300 TBX-2-2580-17 C-F-1 UT 1 - C - - - - - NA
ELBOW TO PIPE CS.11 PT
R85D 803YD

TBX-50

SAFETY INJECTION 16-SI-1-343-151R-2

338200 TBX-2-2581-4 C-F-1 UT 1 - - C - - - - - NA
PIPE TO REDUCER CS.11 PT
R70 803SB

TBX-49

SAFETY INJECTION 14-SI-1-197-151R-2

340100 TBX-2-2581-23 C-F-1 UT 1 - - - - - X - NA
ELBOW TO PIPE CS.11 PT
R70 793SB

340200 TBX-2-2581-24 C-F-1 UT 1 - - - - - X - NA
PIPE TO VALVE CS.11 PT
R70 793SB

~~**TBX-46**~~
TBX-47
~~**TBX-46**~~
TBX-47

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS		
		ASME SEC. XI CATGY	NDE METH	1	2	3	1	2	THIRD PERIOD				

<u>FEEDWATER 18-FW-1-018-1303-2</u>													
721600	TBX-2-2201-H26 FW-1-018-008-C72R R155A886RB	F-B	VT-3	1	-	-	-	-	C	-	-	NA	BOX. TDLR VERIFICATION BOUNDARY.
721700	TBX-2-2201-H29 FW-1-018-009-C72S R155A877RB	F-C	VT-3	1	-	-	-	-	C	-	-	NA	SPRING. TDLR VERIFICATION BOUNDARY.
721750	TBX-2-2201-H29 FW-1-018-009-C62S R155A877RB	C-C	MT	1	-	-	-	-	-	X	-	NA	4-1 1/2" LUGS. TDLR VERIFICATION BOUNDARY.
722200	TBX-2-2201-H31 FW-1-018-016-C52K R155A856RB	F-C	VT-3	1	-	-	-	-	C	-	-	NA	SNUBBER. TDLR VERIFICATION BOUNDARY.
722250	TBX-2-2201-H31 FW-1-018-016-C52K R155A856RB	C-C	MT	1	-	-	-	-	C	-	-	NA	16" S80 STANCHION. TDLR VERIFICATION BOUNDARY.
722900	TBX-2-2201-H4 FW-1-018-702-C52K R155A834RB	F-C	VT-3	1	-	-	-	-	-	X	-	NA	SNUBBER. TDLR VERIFICATION BOUNDARY.
722950	TBX-2-2201-H4 FW-1-018-702-C52K R155A834RB	C-C	MT	1	-	-	-	-	-	-	-	NA	18" S80 STANCHION. TDLR VERIFICATION BOUNDARY.



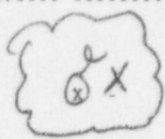
COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**	
		ASME SEC. XI CATGY NDE ITEM NO METH	FIRST PERIOD			SECOND PERIOD				THIRD PERIOD
			1	2	3	1	2	1	2	
<u>MAIN STEAM 32-MS-1-001-1303-2</u>										
746300 TBX-2-2100-H4 MS-1-001-005-C72K R1550890RB	F-C VT-3 NOTE 1	1	-	-	-	-	-	X	-	NA SNUBBER, TDLR VERIFICATION BOUNDARY.
746350 TBX-2-2100-H4 MS-1-001-005-C72K R1550890RB	C-C MT C3.20	1	-	-	-	-	-	X	-	NA 24" S60 STANCHION, TDLR VERIFICATION BOUNDARY.
<u>MAIN STEAM 32-MS-1-002-1303-2</u>										
747000 TBX-2-2200-H1 MS-1-002-004-C72K R155N900RB	F-C VT-3 NOTE 1	1	-	-	-	-	-	X	X	NA SNUBBER, TDLR VERIFICATION BOUNDARY.
747050 TBX-2-2200-H1 MS-1-002-004-C72K R155N900RB	C-C MT C3.20	1	-	-	-	-	-	X	X	NA 3/4" SADDLE, TDLR VERIFICATION BOUNDARY.
7200 TBX-2-2200-H3 MS-1-002-006-C72K R155N900RB	F-C VT-3 NOTE 1	1	-	-	-	-	-	X	-	NA SNUBBER, TDLR VERIFICATION BOUNDARY.
747250 TBX-2-2200-H3 MS-1-002-006-C72K R155N900RB	C-C MT C3.20	1	-	-	-	-	-	X	-	NA 1" SADDLE, TDLR VERIFICATION BOUNDARY.
747400 TBX-2-2200-H9 MS-1-002-008-C72K R155N900RB	F-C VT-3 NOTE 1	1	-	-	-	-	-	X	-	NA SNUBBER, TDLR VERIFICATION BOUNDARY.




COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 2 SCHED/COMPL COMPONENTS

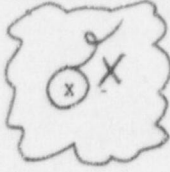
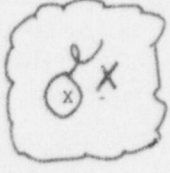
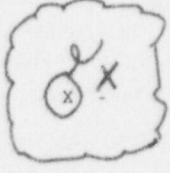
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**		
		ASME SEC. XI CATGY NDE	ITEM NO METH	FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	O U T A G E						

<u>MAIN STEAM 32-MS-1-002-1303-2</u>													
747450	TBX-2-2200-H9 MS-1-002-008-C72K R155N900RB	C-C	MT	1	-	-	-	-	-	-	-	NA	2-1 1/4" SADDLES. TDLR VERIFICATION BOUNDARY.
													
747700	TBX-2-2200-H6 MS-1-002-013-C72K R155N900RB	F-C	VT-3	1	-	-	-	-	-	X	-	NA	SNUBBER. TDLR VERIFICATION BOUNDARY.
747750	TBX-2-2200-H6 MS-1-002-013-C72K R155N900RB	C-C	MT	1	-	-	-	-	-	X	-	NA	2-1" SADDLES. TDLR VERIFICATION BOUNDARY.
<u>MAIN STEAM 32-MS-1-003-1303-2</u>													
748500	TBX-2-2300-H1 MS-1-003-005-C72K R155A895RB	F-C	VT-3	1	-	-	-	-	C	-	-	NA	SNUBBER. TDLR VERIFICATION BOUNDARY.
8550	TBX-2-2300-H1 MS-1-003-005-C72K R155A895RB	C-C	MT	1	-	-	-	-	C	-	-	NA	1" SADDLE. TDLR VERIFICATION BOUNDARY.
746700	TBX-2-2300-H3 MS-1-003-007-C72K R155A894RB	F-C	VT-3	1	-	-	-	-	C	-	-	NA	SNUBBER. TDLR VERIFICATION BOUNDARY.
748750	TBX-2-2300-H3 MS-1-003-007-C72K R155A894RB	C-C	MT	1	-	-	-	-	C	-	-	NA	2" SADDLE. TDLR VERIFICATION BOUNDARY.

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR		INSTRUCTIONS **CALIBRATION BLOCK**
	ASME SEC. XI CATGY NDE ITEM NO METH		FIRST PERIOD		SECOND PERIOD		THIRD PERIOD				
			1	2	3	1	2	1	2		
<u>SAFETY INJECTION 4-SI-1-306-2501R-2</u>											
792500 TBX-2-2566-H25 SI-1-306-032-C42R R154 817RB	F-B NOTE 1	VT-3	1	-	-	-	-	X	-	NA	U-STRAP
792550 TBX-2-2566-H25 SI-1-306-032-C42R R154 817RB	C-C C3.20	PT	1	-	-	-	-	X	-	NA	6-3/4" LUGS
<u>SAFETY INJECTION 16-SI-1-325-2501R-2</u>											
792700 TBX-2-2501-H18 SI-1-325-001-S32R R66 803RB	F-C NOTE 1	VT-3	1	-	-	-	-	X	-	NA	STRUT
792800 TBX-2-2501-H17 SI-1-325-002-S32R R63 803RB	F-C NOTE 1	VT-3	1	-	-	-	-	X	-	NA	STRUT
<u>SAFETY INJECTION 3-SI-1-335-1501R-2</u>											
793000 TBX-2-2562-H12 SI-1-335-003-S22R R67 789SB	F-C NOTE 1	VT-3	1	-	-	-	-	X	-	NA	STRUT
<u>SAFETY INJECTION 2-SI-1-336-1501R-2</u>											
793100 TBX-2-2563-H14 SI-1-336-001-S22S R66 789SB	F-C NOTE 1	VT-3	1	-	-	-	-			NA	SPRING

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 2 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL ASME SEC. XI CATGY NDE ITEM NO METH	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**	
		FIRST PERIOD			SECOND PERIOD		THIRD PERIOD			
		1	2	3	1	2	1	2		
<u>SAFETY INJECTION 3-SI-1-336-1501R-2</u>										
793200	TBX-2-2563-H13 SI-1-336-003-S22K R66 788SB	F-C NOTE 1	VT-3	1	-	-	-	-	NA	SNUBBER
										
<u>SAFETY INJECTION 24-SI-1-901-151R-2</u>										
793400	TBX-2-2580-H30 SI-1-901-701-Y32R R85D 814YD	F-C NOTE 1	VT-3	1	-	-	-	X	NA	STRUT
										
793450	TBX-2-2580-H30 SI-1-901-701-Y32R R85D 814YD	C-C C3.40	PT	1	-	-	-	-	NA	3/4" PAD 360
										
<u>SAFETY INJECTION 16-SI-1-914-151R-2</u>										
793700	TBX-2-2579-H3 SI-1-914-003-S32A R66 802SB	F-B NOTE 1	VT-3	1	-	-	-	X	NA	ANCHOR
793750	TBX-2-2579-H3 SI-1-914-003-S32A R66 802SB	C-C C3.40	PT	1	-	C	-	-	NA	1" PAD 360
<u>FEEDWATER 18-FW-1-036-2003-2</u>										
793900	TBX-2-2101-MR1 CP1-FWSSMR-01 R100A856SB	F-B NOTE 1	VT-3	1	-	C	-	-	NA	MOMENT RESTRAINT. S1-0681

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**						
		ASME SEC. XI	CATGY	NDE	ITEM NO	METH	FIRST PERIOD			SECOND PERIOD	THIRD PERIOD				
							1	2	3	1	2	1	2		

AUXILIARY FEEDWATER 3-AF-1-076-2003-3

830350 AF-1-076-002-S33R D-A VT-3 1 - - - - - X - NA 2-2" SCH40 STANCHION
R74 792SB D1.20

AUXILIARY FEEDWATER 3-AF-1-078-2003-3

830700 AF-1-078-002-S33R F-C VT-3 1 - - - - - X - NA STRUT
R74 792SB NOTE 1

830750 AF-1-078-002-S33R D-A VT-3 1 - - - - - X - NA 1-2.5" SCH40 STANCHION
R74 792SB D1.20

AUXILIARY FEEDWATER 10-AF-1-084-152-3

831200 AF-1-084-001-S33A F-B VT-3 1 - - - - - NA ANCHOR
R70 792SB NOTE 1

831250 AF-1-084-001-S33A D-A VT-3 1 - - - - - NA 1/2" THK PAD 360
R70 792SB D1.20



AUXILIARY FEEDWATER 6-AF-1-088-2002-3

831300 AF-1-088-002-S33R F-B VT-3 1 - - - - - C NA BOX
R72 800SB NOTE 1

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL ASME SEC. XI CATGY NDE ITEM NO METH	PLAN STATUS			PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD		
		1 2 3	1 2	1 2		

AUXILIARY FEEDWATER 4-AF-1-101-2003-3

851800 AF-1-101-023-S33A R73 792SB	F-B NOTE 1	VT-3	1 - - -	- C	- -	NA ANCHOR
851850 AF-1-101-023-S33A R73 792SB	D-A D1.20	VT-3	1 - - -	- C	- -	NA 2-5" SCH 160 PAD 130

AUXILIARY FEEDWATER 4-AF-1-102-2003-3

853100 AF-1-102-002-S43R R68 814SB	F-C NOTE 1	VT-3	1 - - -	- -	- -	NA STRUT
853150 AF-1-102-002-S43R R68 814SB	D-A D1.20	VT-3	1 - - -	- -	- -	NA 1-2" SCH 40 STANCHION
4500 AF-1-102-017-S33R R62 809SB	F-B NOTE 1	VT-3	1 - - -	- C	- -	NA BOX
854550 AF-1-102-017-S33R R62 809SB	D-A D1.20	VT-3	1 - - -	- C	- -	NA 8-1"x1" PIPE LUG
854700 AF-1-102-021-S33A R74 802SB	F-B NOTE 1	VT-3	1 - - -	- -	X -	NA BOX



COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL		PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS	
		ASME SEC. XI CATGY NDE ITEM NO METH		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	O U T A G E					
				1	2	3	1	2	1	2		**CALIBRATION BLOCK**

COMPONENT COOLING WATER 24-CC-1-008-152-3

867400	CC-1-008-022-A33R R175 803AB	F-C NOTE 1	VT-3	1	C	-	-	-	-	-	NA	STRUT
867450	CC-1-008-022-A33R R175 803AB	D-A D1.20	VT-3	1	C	-	-	-	-	-	NA	2-6" SCH 40 STANCHION
867900	CC-1-008-028-A33R R175 803AB	F-C NOTE 1	VT-3	1	C	-	-	-	-	-	NA	STRUT
867950	CC-1-008-028-A33R R175 803AB	D-A D1.20	VT-3	1	C	-	-	-	-	-	NA	2-10" SCH 40 STANCHION
868000	CC-1-008-029-A33A R63 806SB	F-B NOTE 1	VT-3	1	-	-	-	-	-	X	NA	ANCHOR
868050	CC-1-008-029-A33A R63 806AB	D-A D1.20	VT-3	1	-	-	-	-	-	X	NA	2-3/4" PADS 1886 18109

COMPONENT COOLING WATER 10-CC-1-009-152-3

868300	CC-1-009-001-A33R R175 805AB	F-C NOTE 1	VT-3	1	C	-	-	-	-	-	NA	STRUT
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COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS			PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD		
	ASME SEC. XI CATGY NDE ITEM NO METH	1 2 3	1 2	1 2		

COMPONENT COOLING WATER 18-CC-1-030-152-3



880550 CC-1-995-701-S33R D-A VT-3 1 - - - - - NA IWA ONLY
 R70 800SB D1.20

COMPONENT COOLING WATER 18-CC-1-031-152-3

881300 CC-1-031-010-S43S F-C VT-3 1 - - - - - X - NA SPRING
 R69 821SB NOTE 1

881350 CC-1-031-010-S43S D-A VT-3 1 - - - - - X - NA 1-3/8"X2.25" PIPE LUG
 R69 821SB D1.40

881600 CC-1-031-013-S43S F-C VT-3 1 - - - - - X - NA SPRING
 R69 810SB NOTE 1

1650 CC-1-031-013-S43S D-A VT-3 1 - - - - - X - NA 4-2"X2" PIPE LUG
 R69 810SB D1.40

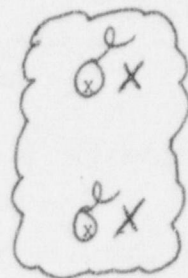
COMPONENT COOLING WATER 18-CC-1-033-152-3



882350 CC-1-SB-004-015-3 D-A VT-3 1 - - - - - NA IWA ONLY TUBE STEEL
 R70 800SB D1.20

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL ASME SEC. XI CATGY NDE ITEM NO METH	PLAN STATUS			PRESERVICE YEAR	INSTRUCTIONS **CALIBRATION BLOCK**
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD		
<u>COMPONENT COOLING WATER 24-CC-1-057-152-3</u>						
891550 CC-1-057-010-A33A R174 801AB	D-A VT-3 1 C - - D1.20	- - -	O U T A G E	- - -	NA	3/4" THK PAD 360
891900 CC-1-057-014-A33R R180 801AB	F-C VT-3 1 C - - NOTE 1	- - -	- - -	- - -	NA	STRUT
891950 CC-1-057-014-A33R R180 801AB	D-A VT-3 1 - C - D1.20	- - -	- - -	- - -	NA	8-4.5"X6" PIPE LUGS
892400 CC-1-057-019-S33R R70 795SB	F-C VT-3 1 - - - NOTE 1	- - -	- - -	- - -	NA	STRUT
892450 CC-1-057-019-S33R R70 795SB	D-A VT-3 1 - - - D1.20	- - -	- - -	- - -	NA	2-10" SCH 40 STANCHION
892500 CC-1-057-021-A33R R174 803AP	F-C VT-3 1 C - - NOTE 1	- - -	- - -	- - -	NA	STRUT
892550 CC-1-057-021-A33R R174 803AB	D-A VT-3 1 C - - D1.20	- - -	- - -	- - -	NA	2-24" SCH 40 PADS 120



COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 3 SCHED/COMPL COMPONENTS

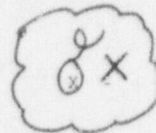
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS						PRESERVICE YEAR			
			ASME SEC. XI CATGY	NDE METH	FIRST PERIOD			SECOND PERIOD		THIRD PERIOD		
					1	2	3	1	2	1	2	INSTRUCTIONS **CALIBRATION BLOCK**

COMPONENT COOLING WATER 6-CC-1-204-152-3

916500	CC-1-204-019-C53R R155D844RB	F-B NOTE 1	VT-3	1	-	-	-	-	C	-	-	NA	U-STRAP
916550	CC-1-204-019-C53R R155D844RB	D-A D1.20	VT-3	1	-	-	-	-	C	-	-	NA	6-1"X3" PIPE LUGS
916700	CC-1-204-021-C53R R155E844RB	F-B NOTE 1	VT-3	1	-	-	-	-	C	-	-	NA	U-STRAP
916750	CC-1-204-021-C53R R155E844RB	D-A D1.20	VT-3	1	-	-	-	-	C	-	-	NA	6-1"X3" PIPE LUGS

COMPONENT COOLING WATER 6-CC-1-246-152-3

917700	CC-1-246-011-C53R R155E854RB	F-C NOTE 1	VT-3	1	-	-	-	-	C	-	-	NA	STRUT
917750	CC-1-246-011-C53R R155E854RB	D-A D1.20	VT-3	1	-	-	-	-	C	-	-	NA	1-6" SCH 40 STANCHION
918100	CC-1-246-019-C53R R155D844RB	F-B NOTE 1	VT-3	1	-	-	-	-	-	-	-	NA	U-STRAP



COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS						PRESERVICE YEAR	INSTRUCTIONS	
		ASME SEC. XI CATGY NDE ITEM NO METH	FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	O U T A G E				
			1	2	3	1	2	1	2	**CALIBRATION BLOCK**

COMPONENT COOLING WATER 6-CC-1-246-152-3

918150 CC-1-246-019-C53R R155D844RB D-A VT-3 1 - - - - - NA 6-1/2"X2" PIPE LUGS



918400 CC-1-246-022-C53A R155D844RB F-B VT-3 1 - - - - C - - NA ANCHOR
NOTE 1

918450 CC-1-246-022-C53A R155D844RB D-A VT-3 1 - - - - C - - NA 1/2" THK PAD 180
D1.20

COMPONENT COOLING WATER 8-CC-1-249-152-3

918800 CC-1-249-701-C53A R155D840RB F-B VT-3 1 - - - - C - - NA ANCHOR
NOTE 1

8850 CC-1-249-701-C53A R155D840RB D-A VT-3 1 - - - - C - - NA 3/4" THK PAD 360
D1.20

COMPONENT COOLING WATER 6-CC-1-948-152-3

919100 CC-1-948-700-A73R R245 863AB F-C VT-3 1 - - - - X - NA STRUT
NOTE 1

COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 3 SCHED/COMPL COMPONENTS

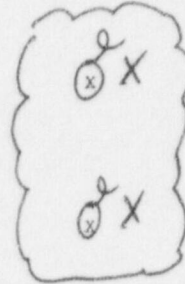
SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS			PRESERVICE YEAR
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	
	ASME SEC. XI CATGY NDE ITEM NO METH				
		1 2 3	1 2	1 2	INSTRUCTIONS **CALIBRATION BLOCK**

COMPONENT COOLING WATER 6-CC-1-948-152-3

919150	D-A VT-3	1 - - -	- -	X -	NA	1-4" SCH 40 STANCHION
CC-1-948-700-A73R R245 883AB	D1.20					

COMPONENT COOLING WATER 6-CC-1-949-152-3

919600	F-C VT-3	1 - - -	- -		NA	STRUT
CC-1-949-704-A73R R245 882AB	NOTE 1					



919650	D-A VT-3	1 - - -	- -		NA	1-3" SCH 40 STANCHION
CC-1-949-704-A73R R245 882AB	D1.20					

DIESEL GENERATOR AUXILIARY 24-DO-1-021-153-3

920100	F-C VT-3	1 - - -	- -	X -	NA	
DO-1-021-007-S53A R84 833DG	NOTE 1					

920150	D-B VT-3	1 - - -	- -	X -	NA	DUAL TRUNION
DO-1-021-007-S53A R84 833DG	D2.30					

DIESEL GENERATOR AUXILIARY 24-DO-1-022-153-3

920200	F-C VT-3	1 - - -	- -	X -	NA	
DO-1-022-006-S53A R84 833DG	NOTE 1					

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS			PRESERVICE YEAR
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	
	ASME SEC. XI CATGY NDE ITEM NO METH	1 2 3	1 2	1 2	INSTRUCTIONS **CALIBRATION BLOCK**

SERVICE WATER 24-SW-1-035-150-3

934400	SW-1-035-700-J03R RSWI 800SI	F-C NOTE 1	VT-3 1 - - -	- C - -	NA	STRUT
934450	SW-1-035-700-J03R RSWI 800SI	D-A D1.20	VT-3 1 - - -	- C - -	NA	2-3/8" PADS

SERVICE WATER 10-SW-1-100-150-3

934700	SW-1-100-750-S33R R70 796SB	F-B NOTE 1	VT-3 1 - - -	- -	NA	BOX
934750	SW-1-100-750-S33R R70 796SB	D-A D1.20	VT-3 1 - - -	- -	NA	8-1 3/8" LUGS

SERVICE WATER 10-SW-1-101-150-3

934800	SW-1-101-002-S33R R70 798SB	F-B NOTE 1	VT-3 1 - - -	- -	NA	BOX
934850	SW-1-101-002-S33R R70 798SB	D-A D1.20	VT-3 1 - - -	- -	NA	8-3/4" LUGS



COMANCHE PEAK UNIT 1
INSERVICE INSPECTION PLAN
CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS			PRESERVICE YEAR
		FIRST PERIOD	SECOND PERIOD	THIRD PERIOD	
	ASME SEC. XI CATGY NDE ITEM NO METH				
		1 2 3	1 2	1 2	INSTRUCTIONS **CALIBRATION BLOCK**

SERVICE WATER 10-SW-1-173-150-3

958850 SW-1-173-721-Y33A R85D 805YD D-A VT-3 1 - - - - - X - NA 2-3/4" PADS
D1.20

SERVICE WATER 24-SW-X-002-150-3

960710 SW-X-SI-002-001-5 RSWI 809SI D-A VT-3 1 - - - - - X X NA IWA ONLY TUBE STEEL
D1.20

960720 SW-X-SI-002-002-5 RSWI 809SI D-A VT-3 1 - - - - - X X NA IWA ONLY TUBE STEEL
D1.20

960730 SW-X-SI-002-003-5 RSWI 809SI D-A VT-3 1 - - - - - X X NA IWA ONLY TUBE STEEL
D1.20

960740 SW-X-SI-002-004-5 RSWI 809SI D-A VT-3 1 - - - - - X X NA IWA ONLY TUBE STEEL
D1.20



AUXILIARY FEEDWATER 4-AF-1-104-2003-3

961200 AF-1-SB-026B-MR1 CP1-AFSSMR-01 R100A661SB F-B VT-3 1 - C - - - - - NA MOMENT RESTRAINT. S1-0688-10
NOTE 1

COMANCHE PEAK UNIT 1
 INSERVICE INSPECTION PLAN
 CLASS 3 SCHED/COMPL COMPONENTS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	INSPECTION INTERVAL	PLAN STATUS			PRESERVICE YEAR	INSTRUCTIONS
		ASME SEC. XI CATGY NDE ITEM NO METH	FIRST PERIOD	SECOND PERIOD		
			- - - - - O U T A G E - - - - -			
			1 2 3	1 2	1 2	**CALIBRATION BLOCK**

RESIDUAL HEAT REMOVAL TBX-RHAHRS-01

962300 RH-1-SB-001-HXWS1 D-B VT-3 1 - - - - - C - NA DWG. 2323-S1-0654
 RHR HX 01 SHELL WELDED D2.20
 SUPPORTS
 R69 828SB

ADD

CONTAINMENT SPRAY CP1-CTAHCS-02

962310 CT-1-SB-009-HXWS1 D-B VT-3 1 - - - - - C - NA DWG. 2323-S1-0654
 CT HX 02 SHELL WELDED SUPPORTS D2.20
 R68 828SB

ADD

APPENDIX A

RELIEF REQUESTS

It is impractical within the limitations of the CPSES plant design, geometry and accessibility for TU Electric to meet certain requirements of Articles IWA, IWB, IWC, IWD and IWF of the Code. Compliance with these requirements would result in hardships or unusual difficulties without a compensating increase in the level of plant quality or safety. Therefore, pursuant to 10CFR50.55a(g)(5)(iii), the relief requested from the Inservice Inspection requirements of 10CFR50.55a(g)(4)(i) is discussed in detail in this appendix. Relief is requested for the first 120 month interval of the CPSES inservice inspection program.

INDEX OF RELIEF REQUESTS

RR	Subject	Submittal Letter	NRC Evaluation	Remarks
A-1	Pressure Retaining Bolted Connections	TXX-93290	Approved - NRR-8796 (07/26/94)	
A-2	Insulated Bolted Connections	TXX-93290	Approved - NRR-8796 (07/26/94)	
B-1	Reactor Coolant Piping VT-2 Exams	TXX-91377	Approved - NRR-8158 (10-1-92)	RR not required within shield wall
B-2	Circumferential Piping Weld (TBX-1-4103-4)	TXX-92138	Approved - NRR-8893 (11/29/94)	
B-3	Circumferential Piping Weld (TBX-1-4503-30)	TXX-92138	Approved - NRR-8893 (11/29/94)	
B-4	Nozzle Inner Radii (Code Class 1)	TXX-93107	Denied - NRR-8893 (11/29/94)	Removed by Plan Rev. 4
B-4 Rev. 1	Nozzle Inner Radii (Code Class 1)	TXX-94050	Denied - NRR-8955 (02/14/95)	Removed by Plan Rev. 4
B-5	Circumferential Piping Welds (TBX-1-4103-1, 4202-1)	TXX-93107	Approved - NRR-8893 (11/29/94)	
B-6	Reactor Vessel Closure Head Welds - First Period	TXX-93107	Approved - NRR-8893 (11/29/94)	
B-6 Rev. 1	Reactor Vessel Closure Head Welds - Second Period	TXX-95192	Approved - NRR-9156 (12/28/95)	
B-6 Rev. 2	Reactor Vessel Closure Head Welds - Third Period			1RF06 CPSES-9803379
B-7	Steam Generator Tubesheet - Channel Head Weld (Code Class 1) - First Period	TXX-94050	Approved - NRR-8955 (02/14/95)	

INDEX OF RELIEF REQUESTS
(cont.)

RR	Subject	Submittal Letter	NRC Evaluation	Remarks
B-7 Rev. 1	Steam Generator Tubesheet - Channel Head Weld (Code Class 1) - Second Period	TXX-95192	Approved - NRR-9156 (12/28/95)	
B-7 Rev. 2	Steam Generator Tubesheet - Channel Head Weld (Code Class 1) - Third Period			IRF06 CPSES-9803379
B-8	Dissimilar Metal Weld (TBX-1-4200-5)	TXX-95192	Approved - NRR-9156 (12/28/95)	
B-9	Pressurizer Nozzle Welds	TXX-97014		
B-10	Branch Pipe Connection Weld (TBX-1-4104-1)	TXX-97014		
B-11	Circumferential Piping Weld (TBX-1-4201-7)	TXX-97014		
B-12	Pressurizer Lower Head to Shell Weld (TBX-1-2100-1)			IRF06 CPSES-9803379
B-13	Circumferential Piping Welds (TBX-1-4102-7, 4301-7, 4402-7)			IRF06 CPSES-9803379
B-14	Branch Pipe Connection Weld (TBX-1-4404-1)			IRF06 CPSES-9803379
C-1	Piping Integral Welded Attachment (TBX-2-2538-H17)	TXX-90543	Approved - NRR-8158 (10/01/92)	Removed by Plan Rev. 4
C-2	Heat Exchanger Shell Welds (TBX-2-1120-1-1,2)	TXX-92138	Approved - NRR-8893 (11/29/94)	
C-3	Circumferential Piping Welds (TBX-2-2570-32,33)	TXX-92138	Approved - NRR-8893 (11/29/94)	
C-4	Piping Integral Welded Att. (TBX-2-2536-H2)	TXX-92138	Denied - NRR-8893 (11/29/94)	Removed by Plan Rev. 4
C-5	Nozzle Inner Radii (Code Class 2)	TXX-93107	Denied - NRR-8893 (11/29/94)	Removed by Plan Rev. 4

INDEX OF RELIEF REQUESTS

(cont.)

RR	Subject	Submittal Letter	NRC Evaluation	Remarks
C-6	Circumferential Piping Weld (TBX-2-2580-3)	TXX-93107	Approved - NRR-8893 (11/29/94)	
C-7	Pump Integral Welded Att. (TBX-2-3110-1-3WS,4WS)	TXX-93107	Approved - NRR-8893 (11/29/94)	
C-8	Circumferential Piping Welds (TBX-2-2530-29,30)	TXX-94050	Approved - NRR-8955 (02/14/95)	
C-9	Heat Exchanger Head and Shell Welds (TBX-2-1110-1, 1180-2-2)			IRF06 CPSES-9803379
D-1	Heat Exchanger VT-2 Exams (Code Class 3)	TXX-90543	Approved - NRR-8158 (10/01/92)	
F-1	Component Supports (Code Class 3)	TXX-92138	Denied - NRR-8893 (11/29/94)	Removed by Plan Rev. 4

**CPSES UNIT 1
RELIEF REQUEST
B-6
REVISION 2**

A. Item(s) for which relief is requested:

TBX-1-1300-1
TBX-1-1300-2
Reactor Vessel Closure Head

B. Item(s) Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the weld lengths as described in Table IWB-2500-1, Examination Category B-A, Item No.'s B1.40 and B1.21.

Note - The CPSES ISI Plan requires that 1/3 of each of these welds be examined each inspection period. A relief request revision is processed to document the specific limitations encountered during each examination.

D. Basis for relief:

Interferences from the reactor head flange, shroud and lifting lugs preclude the complete ultrasonic examination of the volume required by Fig.'s IWB-2500-3 and IWB-2500-5 as applicable.

Approximately 13% of the examination volume of weld TBX-1-1300-1 and 17% of the examination volume of weld TBX-1-1300-2 did not receive the full code required coverage during the first period examinations.

Approximately 15% of the examination volume of weld TBX-1-1300-1 and 17% of the examination volume of weld TBX-1-1300-2 did not receive the full code required coverage during the second period examinations.

Approximately 15% of the examination volume of weld TBX-1-1300-1 and 17% of the examination volume of weld TBX-1-1300-2 did not receive the full code required coverage during the third period examinations.

**CPSES UNIT 1
RELIEF REQUEST
B-6
REVISION 2
(cont.)**

Best effort examinations were performed during each period with the following results. Full circumferential scan coverage was obtained for both welds. Axial scan coverage was achieved in one beam path direction with two different beam angles for approximately 99% of the examination volume of TBX-1-1300-1 and for approximately 97% of the examination volume of TBX-1-1300-2.

See pages 3 through 11 for weld locations and examination area configurations.

There were no recordable indications identified by the best effort volumetric examinations performed or by the required surface examination performed on TBX-1-1300-1.

E. Alternate examinations:

None

F. Anticipated impact on the overall level of plant quality and safety:

None

CONDENSED BOLTING
ASSEMBLIES
4 LOCATIONS
75, 76, 77 & 78

CONTROL ROD DRIVE
MECHANISMS
REF 1-1300A

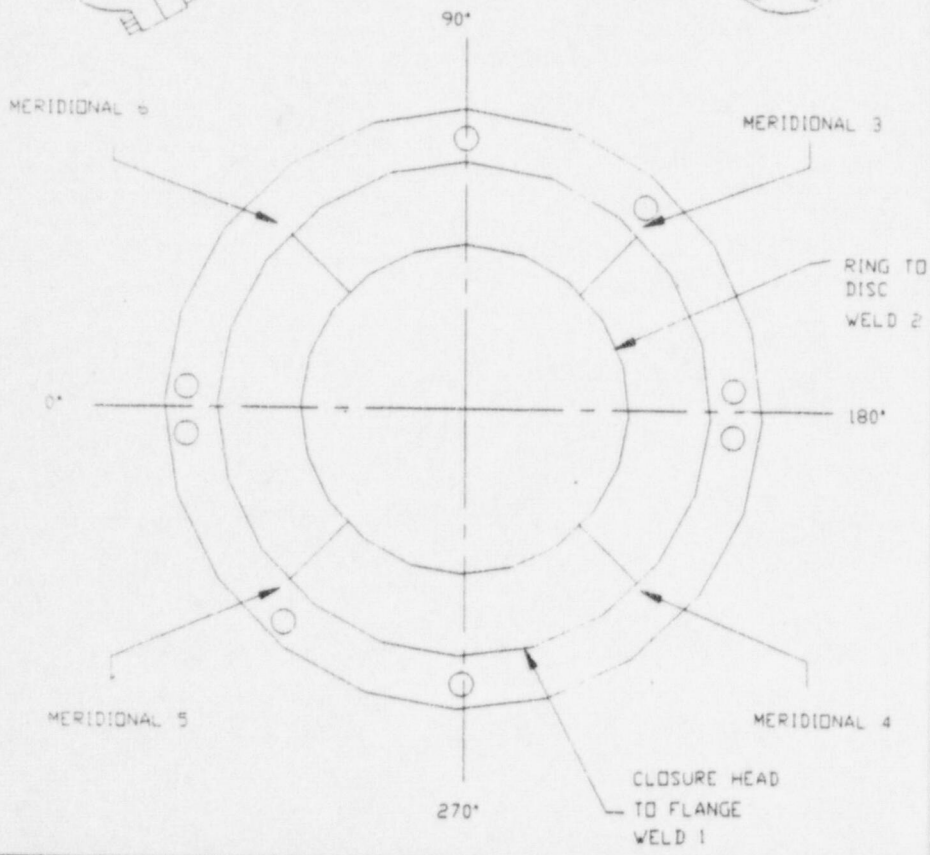
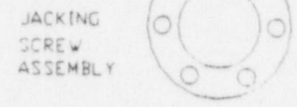
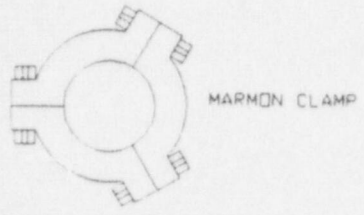
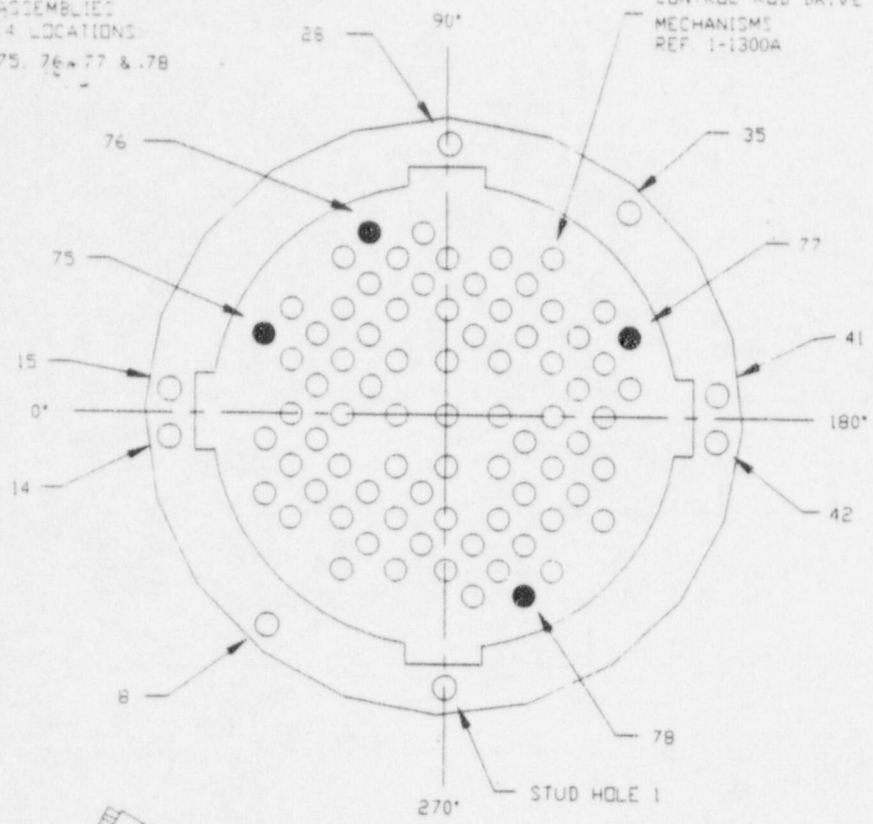


ILLUSTRATION ONLY

TU ELECTRIC	REV 1	7	20	90
CPSES UNIT 1				
INSPECTIVE, INSPECTOR III				
LOCATION III ISOMETRIC				
IB-11300				

DESCRIPTION: V. CLOSURE HEAD
T/SCH.
BFP
FLOW

NOTES: WELDS 1 THRU 6 - T=7.0" MIN.
APPROVAL SIGNED ORIGINAL ON FILE

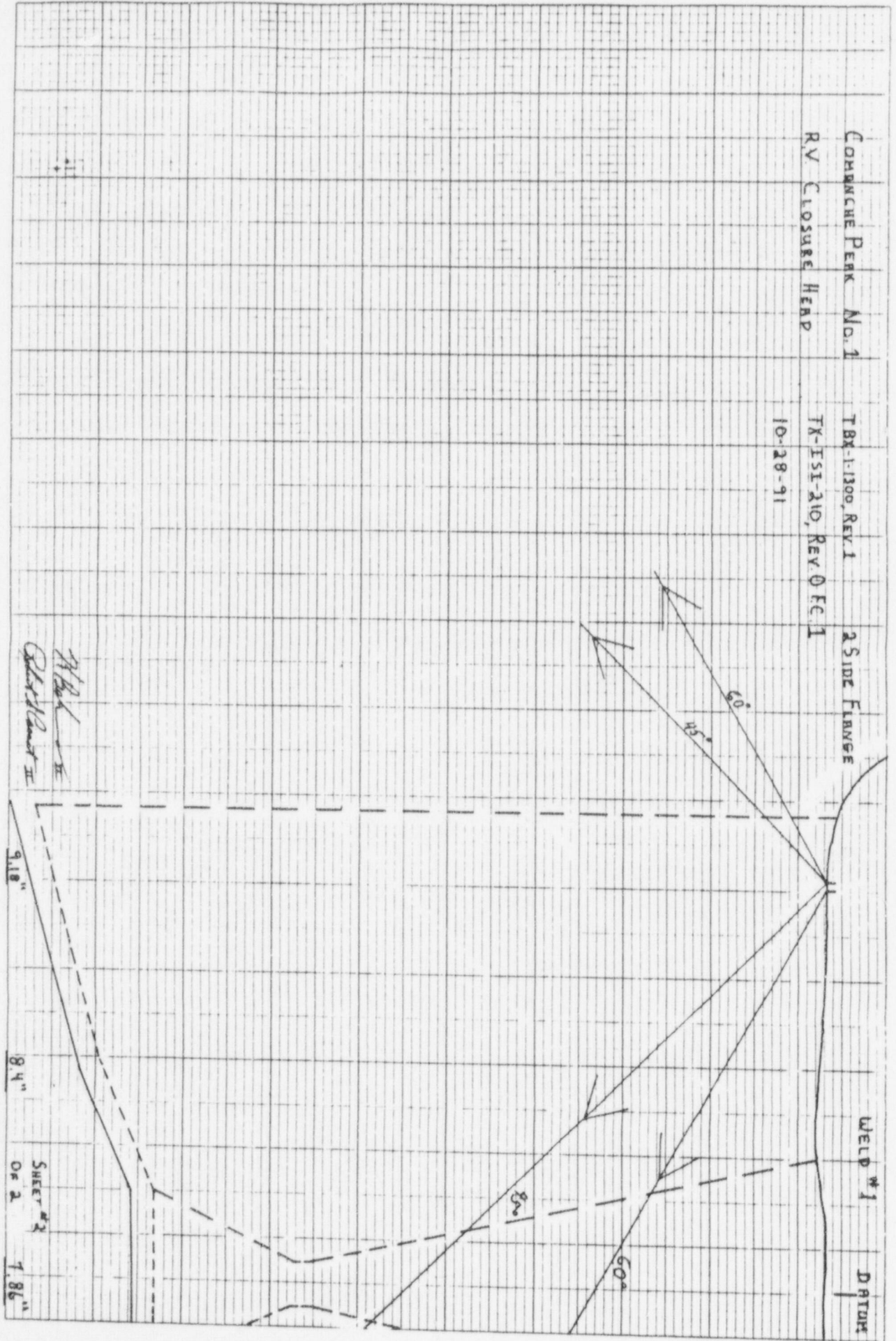
COMANCHE PEAK No. 1
R.V. CLOSURE HEAD

TBX-1:1300, REV. 1
TX-ESI-210, REV. 0 FC. 1
10-29-91

2 SIDE FLANGE

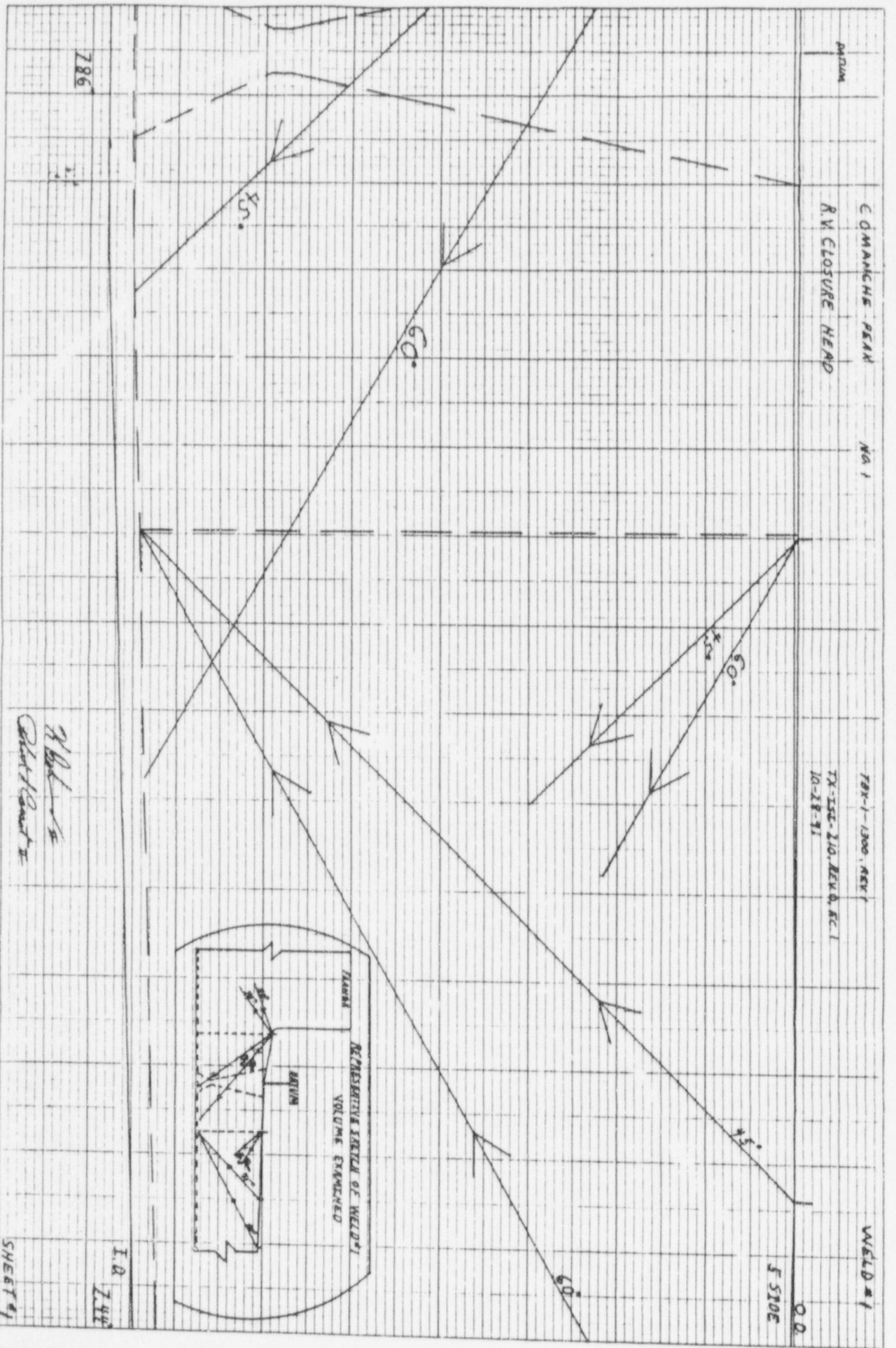
WELD #1

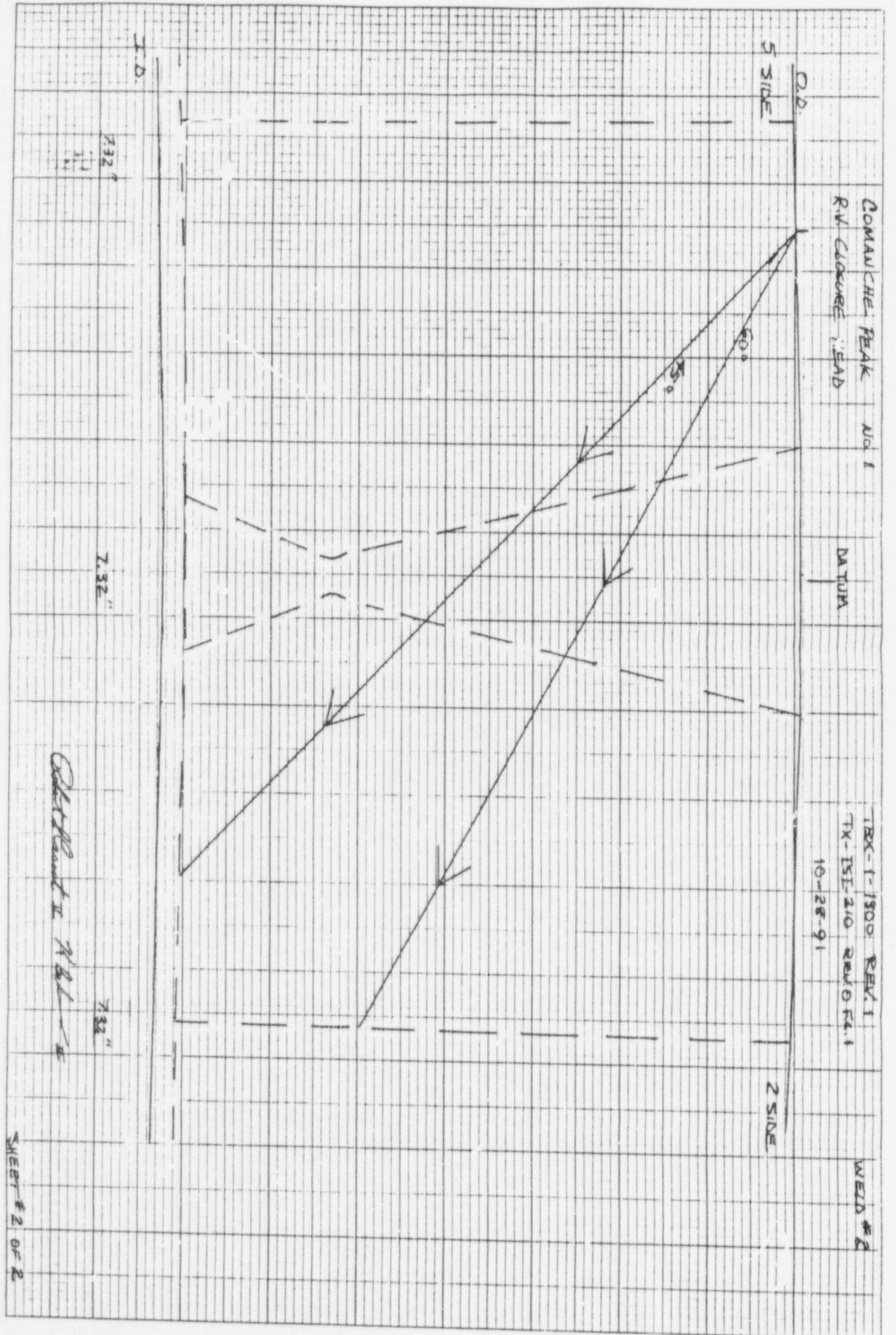
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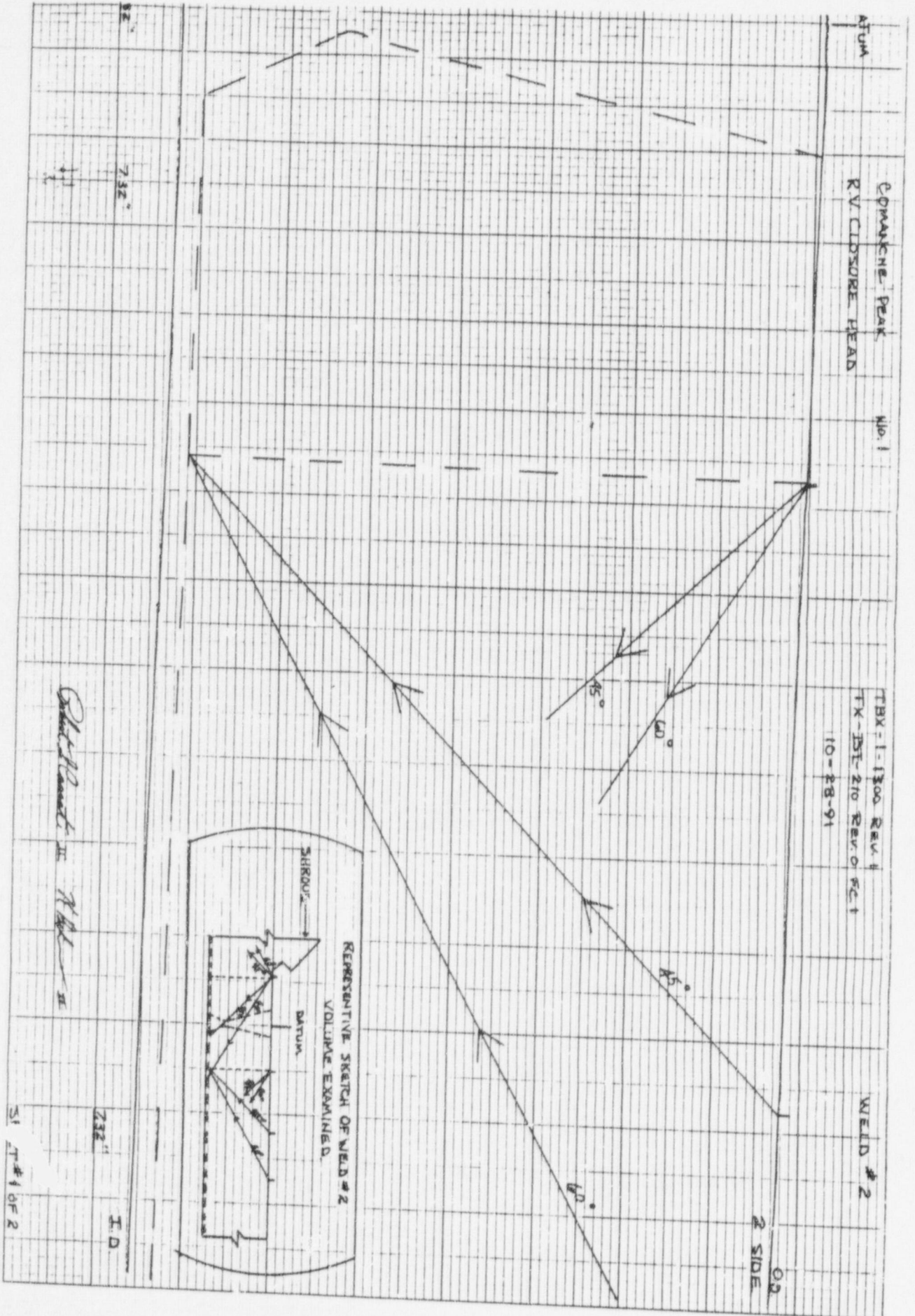


M. B. ...
...

SHEET #2
OF 2







Robert M. ...

WESTINGHOUSE NUCLEAR SERVICE DIVISION
 INSPECTION SERVICES

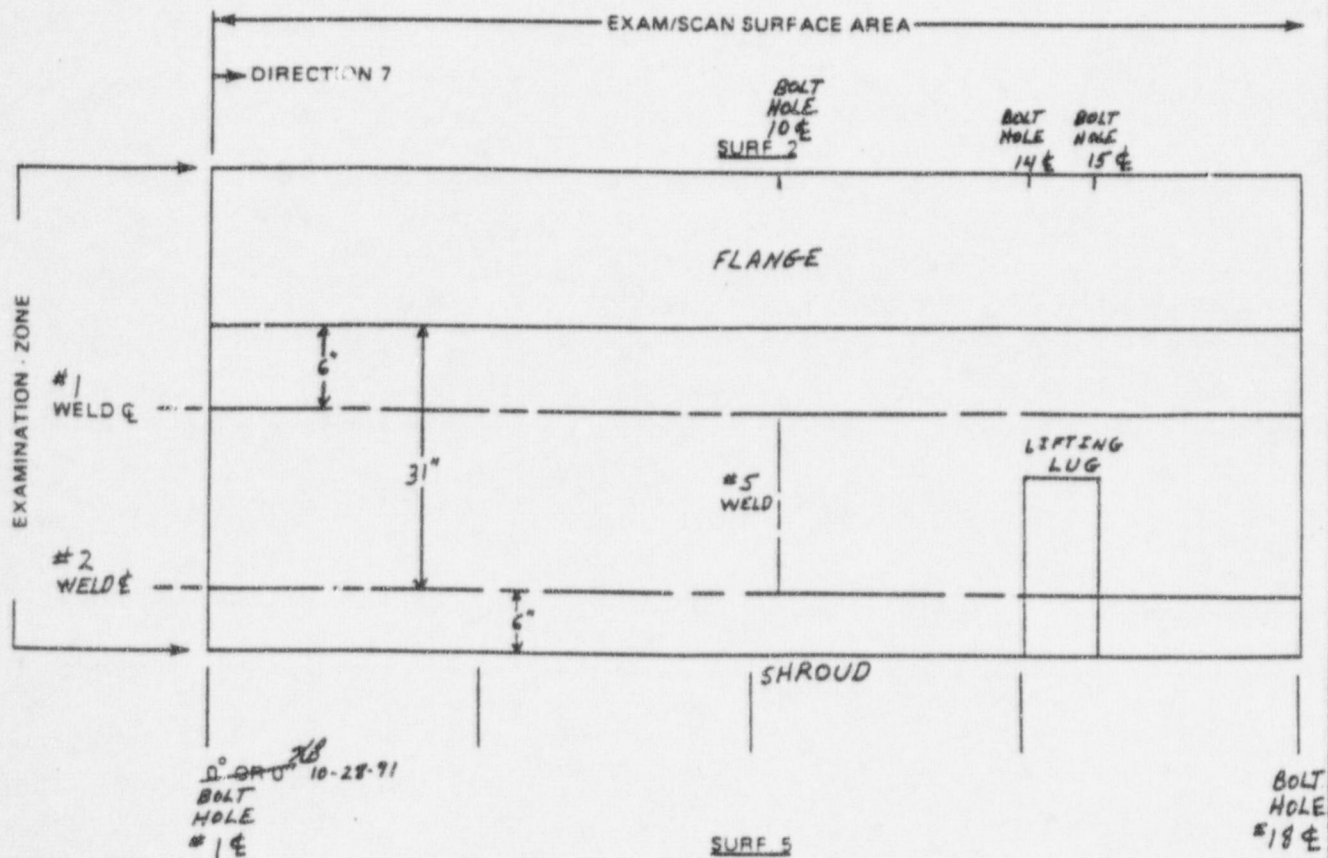
RB 2

LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT NO. 1 SKETCH TBX-1-1300 REV. 1
 SYST/COMP R.V. CLOSURE HEAD PROCEDURE TX-ISI-210, REV. 0, F.C. 1
 EXAMINER Neil Robert Sargent DATE 10-28-91
 LEVEL II

RELATED TO: U/T X P/T _____ M/T _____ V/T _____ ITEM(S): 1, 2 + 5

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.



WESTINGHOUSE NUCLEAR SERVICE DIVISION
 INSPECTION SERVICES

LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT NO. 1 SKETCH TBX-1-1300 REV. 1
 SYST./COMP. R. V. CLOSURE HEAD PROCEDURE TX-ISI-210 REV. 2
 EXAMINER Gary A. [Signature] DATE 3-12-95

RELATED TO: UT X PT MT VT IDENT. NO. 1, 2, 3, 4, 5, 6 ^{720 3/12/95}

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.

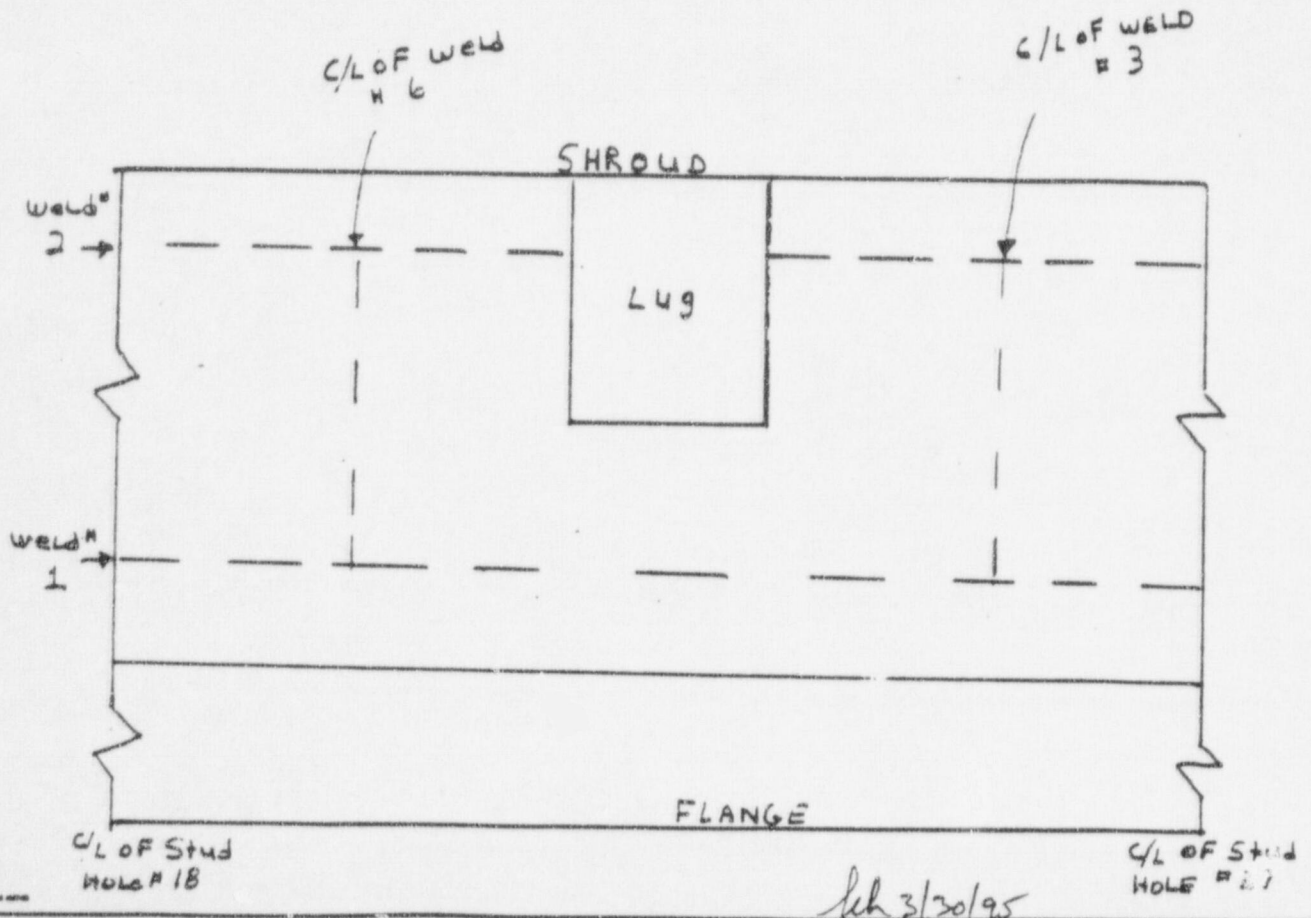
LIMITATIONS ARE DUE TO FLANGE, SHROUD AND LIFTING LUG. SEE WELD PROFILE OBTAINED AT 1RF01 FOR EXAMINATION COVERAGE PLOT.

WELD # 1

- 15% OF REQUIRED EXAMINATION VOLUME NOT EXAMINED.
- 99% EXAMINED WITH THE 45 DEGREE AND 60 DEGREE IN AT LEAST ONE DIRECTION.
- 45 DEGREE - 8% NOT EXAMINED.
- 60 DEGREE - 15% NOT EXAMINED.

WELD # 2

- 17% OF REQUIRED EXAMINATION VOLUME NOT EXAMINED.
- 97% EXAMINED WITH THE 45 DEGREE AND 60 DEGREE IN AT LEAST ONE DIRECTION.
- 45 DEGREE - 11% NOT EXAMINED.
- 60 DEGREE - 17% NOT EXAMINED.





WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO UT-98-132

PAGE 3 OF 3

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1-1300 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-45I-210 Rev. 4 FC N/A
 EXAMINER Williams, Mark *[Signature]* LEVEL II DATE 4/12/98
 EXAMINER N/A LEVEL N/A DATE _____

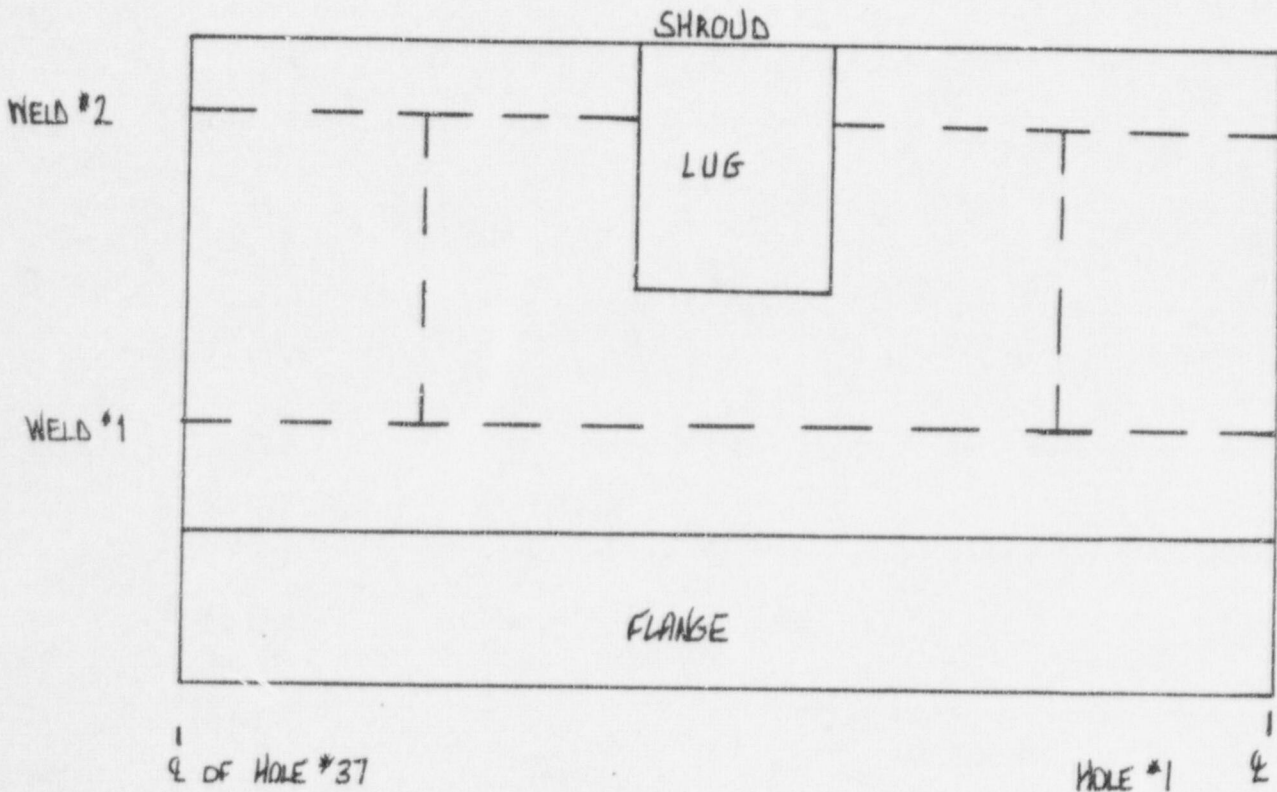
COMPONENT ID TBX-1-1300-1

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

Limitations due to flange, shroud and lifting lug. See 1RF01 profile for exam coverage. 15% of required volume not examined. 99% examined with the 45° and 60° in at least one direction. 2% not examined with 45°. 15% not examined with 60°.



TU ELECTRIC REVIEW / DATE

[Signature] 4/16/98
 DeBonis, John

TU ELECTRIC LEVEL III REVIEW / DATE

[Signature] 4/17/98
 Ragan, James

ANII REVIEW / DATE

[Signature] 4/17/98
 Hair, Joe C.



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO UT-98-132
 PAGE 2 OF 3

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1-1300 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-210 Rev. 4 FC N/A
 EXAMINER Williams, Mark *[Signature]* LEVEL II DATE 4/12/98
 EXAMINER N/A LEVEL N/A DATE _____

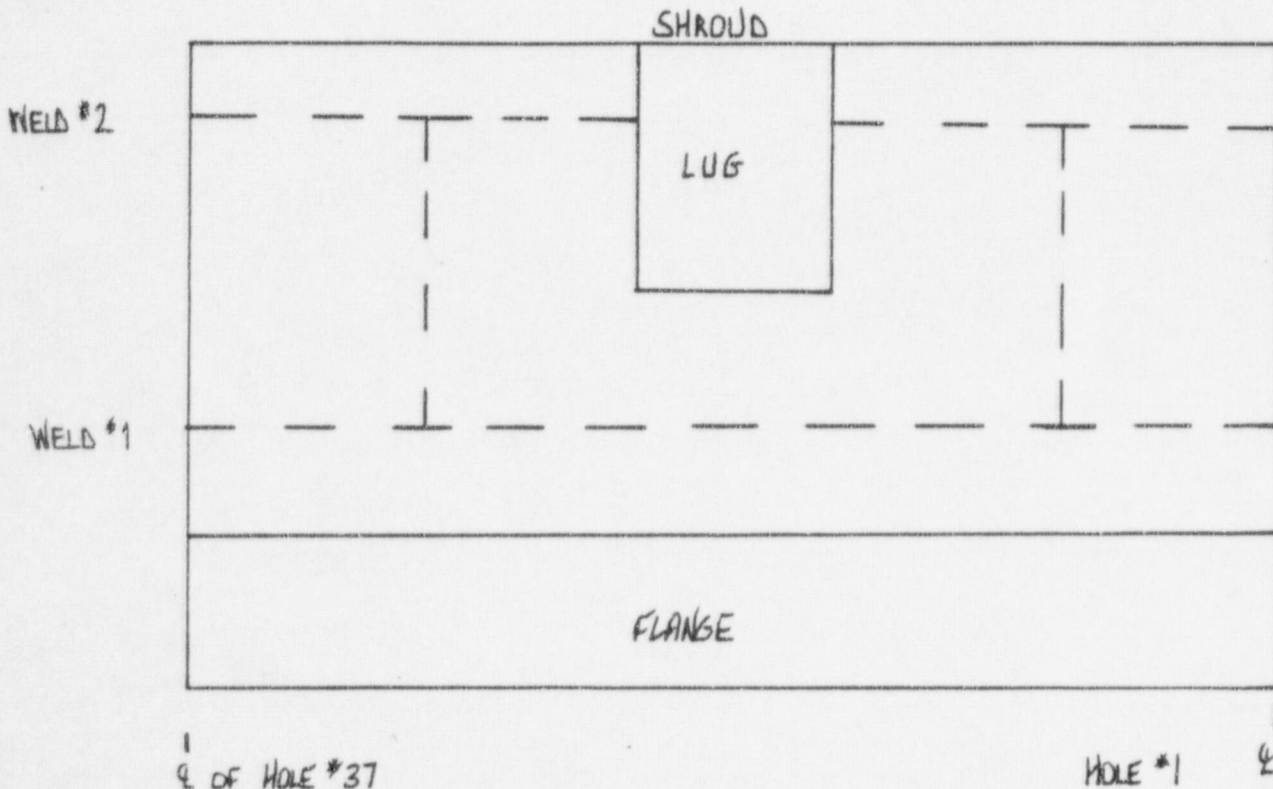
COMPONENT ID TBX-1-1300-2

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

Limitations due to flange, shroud and lifting lug. See 1RF01 profile for exam coverage. 17% of required volume not examined. 97% examined with the 45° and 60° in at least one direction. 11% not examined with 45°. 17% not examined with 60°.



TU ELECTRIC REVIEW / DATE

John DeBonis 4/16/98
 DeBonis, John

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan 4/17/98
 Ragan, James

ANII REVIEW / DATE

Joe C. Hair 4/17/98
 Hair, Joe C.

**CPSES UNIT 1
RELIEF REQUEST
B-7
REVISION 2**

A. Item(s) for which relief is requested:

TBX-1-3100-1-1, TBX-1-3100-2-1, TBX-1-3100-3-1, TBX-1-3100-4-1
Steam Generator Tubesheet-to-Channel Head Welds

B. Item Code Class:

1

C. Examination requirement from which relief is requested:

ASME Section XI 1986 Edition, no Addenda.

The requirement for volumetric examination of 100% of each of the steam generator tubesheet-to-channel head welds as described in Table IWB-2500-1, Examination Category B-B, Item No. B2.40.

Note: The CPSES ISI Plan requires different steam generators to be examined during each inspection period. A relief request revision is processed to document the specific limitations encountered during the examination of each of the steam generators.

D. Basis for relief:

Interference from the steam generator tube sheet flange configuration, welded insulation support pads and a welded component name tag preclude the complete ultrasonic examination of the volume required by Fig. IWB-2500-6.

Approximately 31% of the examination volume of weld TBX-1-3100-1-1 did not receive the full code required examination coverage.

Approximately 37% of the examination volume of weld TBX-1-3100-2-1 did not receive the full code required examination coverage.

Approximately 31% of the examination volume of weld TBX-1-3100-3-1 did not receive the full code required examination coverage.

Approximately 31% of the examination volume of weld TBX-1-3100-4-1 did not receive the full code required examination coverage.

See page 3 thru 14 for weld location and examination area configurations.

**CPSES UNIT 1
RELIEF REQUEST
B-7
REVISION 2
(cont.)**

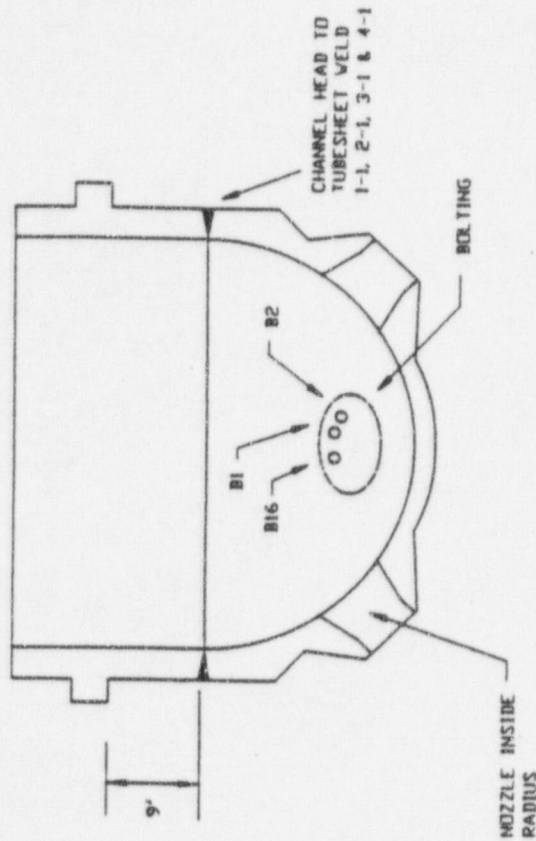
E. Substitute examinations:

None - however, manufacturers shop volumetric exam records are available in permanent plant files.

F. Anticipated impact on the overall level of plant quality and safety:

None

VELD 2 (REF. 2-1100)



STEAM GENERATOR	VELD	MANWAY	BOLTING	INSIDE RADIUS
1	1-1	HOTSIDE COLDSIDE	1-B1 TO 1-B16 1-B17 TO 1-B32	1A 1B
2	2-1	HOTSIDE COLDSIDE	2-B1 TO 2-B16 2-B17 TO 2-B32	2A 2B
3	3-1	HOTSIDE COLDSIDE	3-B1 TO 3-B16 3-B17 TO 3-B32	3A 3B
4	4-1	HOTSIDE COLDSIDE	4-B1 TO 4-B16 4-B17 TO 4-B32	4A 4B

ILLUSTRATIVE ONLY

TU ELECTRIC
CPSES UNIT 1

INSERVICE INSPECTION
LOCATION ISOMETRIC

TBX-1-3100 REV.1 7-20-90

DESCRIPTION: STEAM GENERATORS 1,2,3 & 4

1/SCH: (TUBESIDE) 5.3"/SA-508

(HEADSIDE) 5.3"/SA-216

BRP,

FLOW,

NOTES: (BOLTING) 1.075" DIA./16.11" LENGTH

APPROVAL: *B.A. H. 7-20-90*

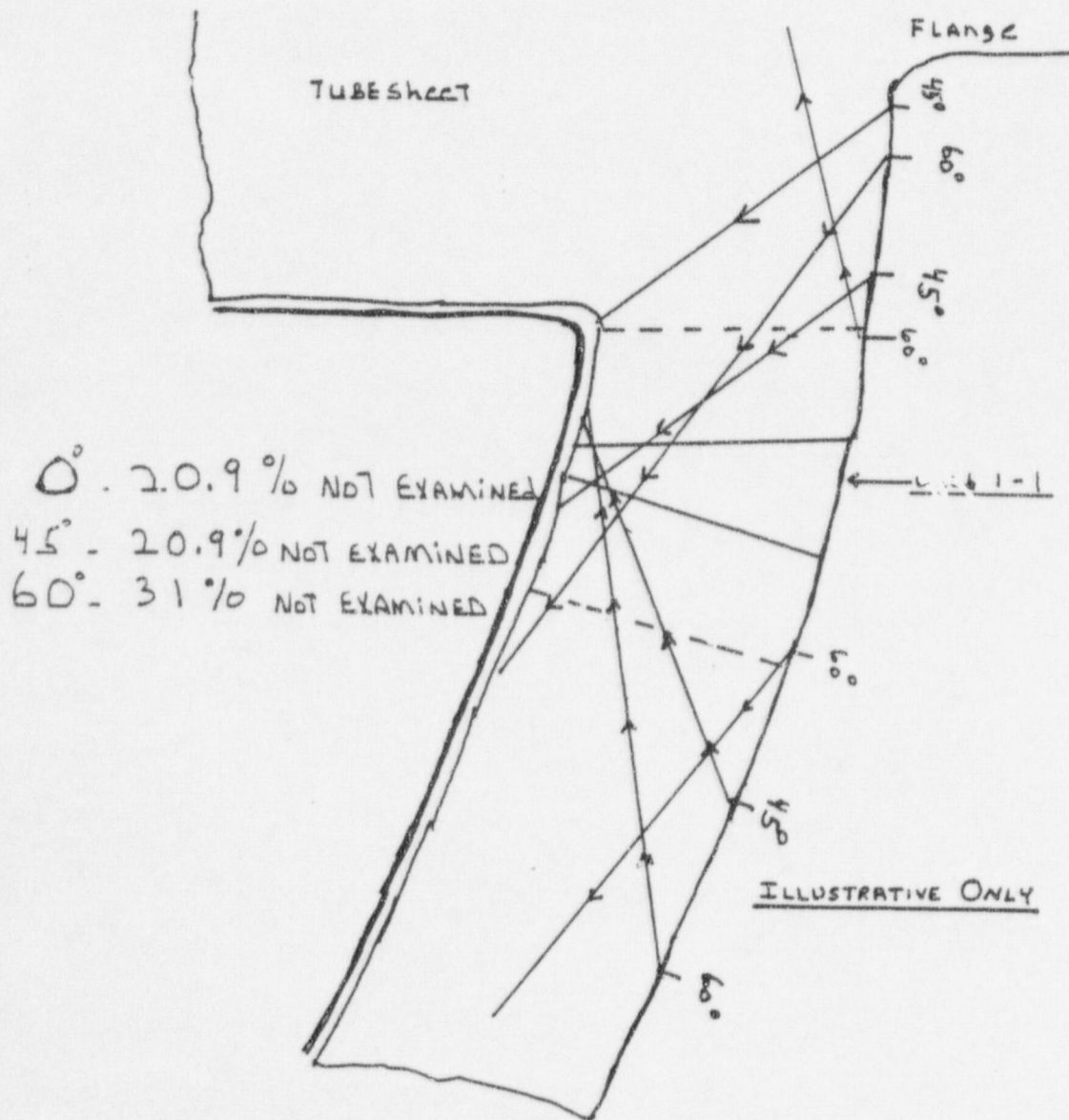
WESTINGHOUSE NUCLEAR SERVICE DIVISION
 INSPECTION SERVICES

LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT 1 SKETCH TBX-1-3100 Rev. 1
 SYST/COMP STEAM GENERATORS PROCEDURE TX-151-210 Rev. 2
 EXAMINER David B. Biffin Larry M. Volkman W. D. ... DATE 11-6-93
LEVEL II

RELATED TO: U/T X P/T _____ M/T _____ V/T _____ ITEM(S): Weld 1-1

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.



feh 11/9/93

WESTINGHOUSE NUCLEAR SERVICE DIVISION
 INSPECTION SERVICES

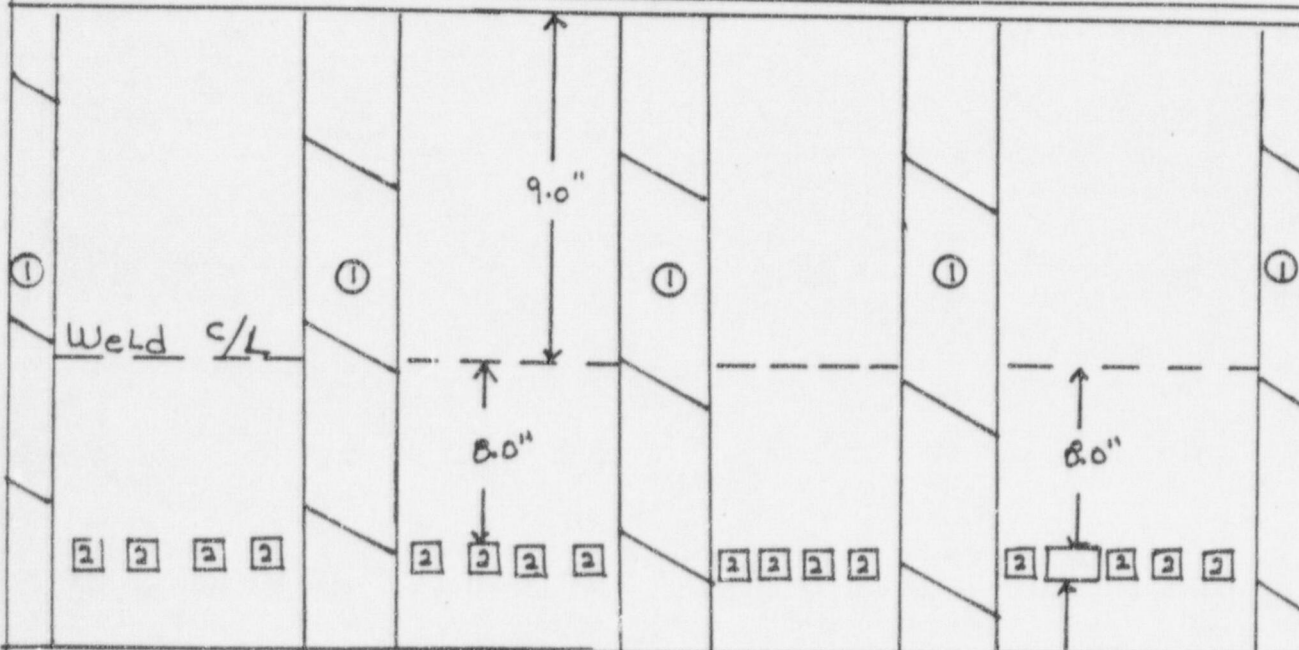
LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT 1 SKETCH TBX-1-3100 Rev. 1
 SYST/COMP STEAM GENERATORS PROCEDURE TX-151-210 Rev. 2
 EXAMINER Amel A. B. H. in Level B Leany m/Volkman N/Olin & Kelly DATE 11-6-93

RELATED TO: U/T X P/T _____ M/T _____ V/T _____ ITEM(S): Weld 1-1

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.

0° REF. IS C/L OF
 COLD-LEG MANWAY 5 SIDE
FLANGE

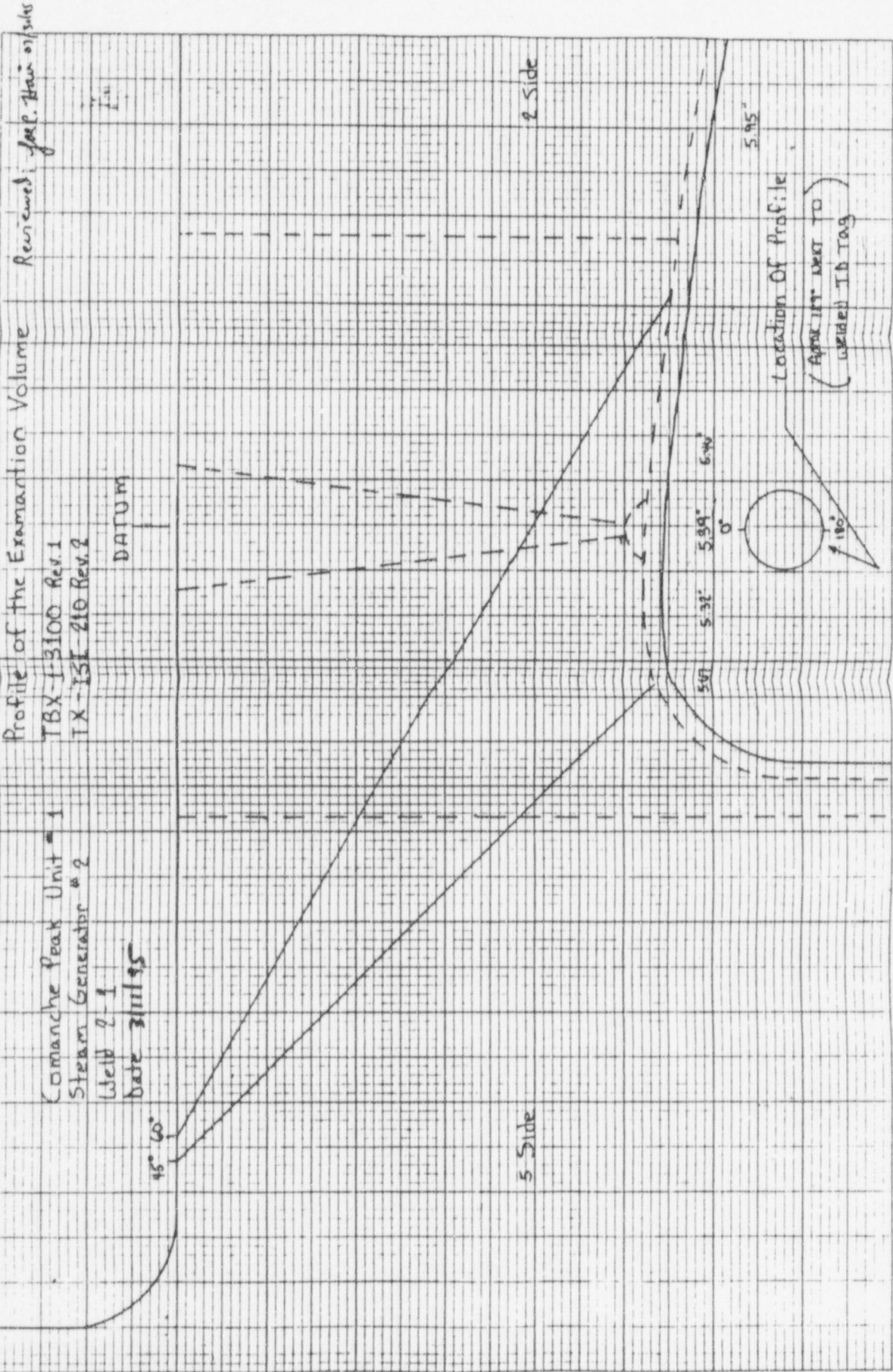


2 SIDE

- ① 4ea. 2'x2' Generator Supports @ 2.5" APART 360° Around Weld
- ② 2.5" x 2.5" INSULATION PADS, 19" APART 360° AROUND WELD
- 6.5" x 3.5" I. D. TAG, 28" FROM 0° REFERENCE

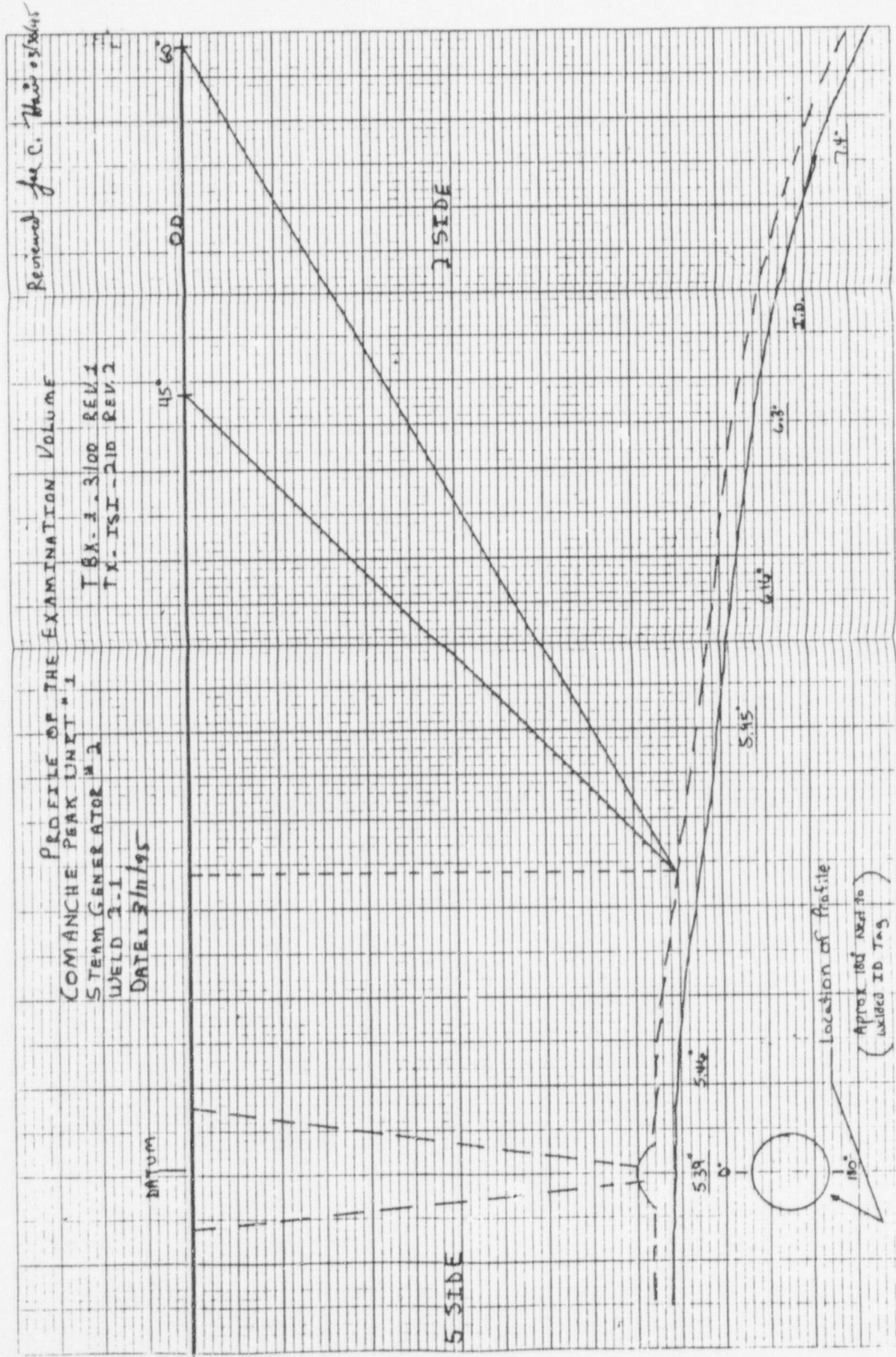
Note 20.9% of Required Volume Not Examined Due to The Above Limitations

John 11/9/93



K&E IS A JO TO THE INCH AND A 15 PAGES
 RELIEF REQUEST NO. B-7 REV. 2 PAGE 7 OF 14

47 0780



WESTINGHOUSE NUCLEAR SERVICE DIVISION
 INSPECTION SERVICES

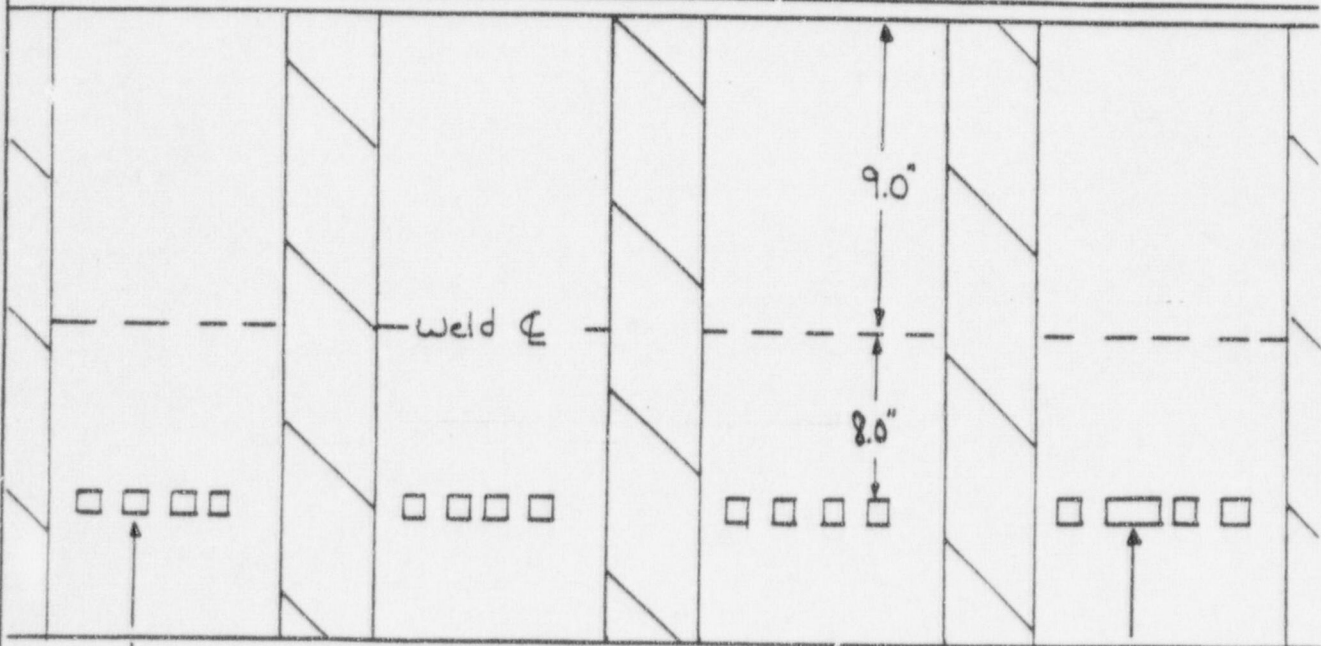
LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT NO. 1 SKETCH TBX-1-3100 REV. 1
 SYST./COMP. STEAM GENERATOR NO. 2 PROCEDURE TX-ISI-210 REV. 2
 EXAMINER [Signature] DATE 3-11-95

RELATED TO: UT X PT MT VT IDENT. NO. 2-1

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.

5 SIDE
 FLANGE



2.5" X 2.5" INSULATION
 PADS, 19" APART 360°
 AROUND WELD

4EA. 2' X 2'
 GENERATOR SUPPORTS
 82.5" APART 360°

2 SIDE

0° REF. IS CENTERLINE OF COLD-LEG MANWAY

6.5" X 3.5" I.D. TAG 28"
 FROM 0° REFERENCE

36.7% OF TOTAL VOLUME NOT INSPECTED
 36.7% NOT INSPECTED BY 90° SCAN
 22.6% NOT INSPECTED BY 45° SCAN
 22.6% NOT INSPECTED BY 0° SCAN

Feb 3-30-95

PROFILE OF THE EXAM VOLUME AND LIMITATIONS

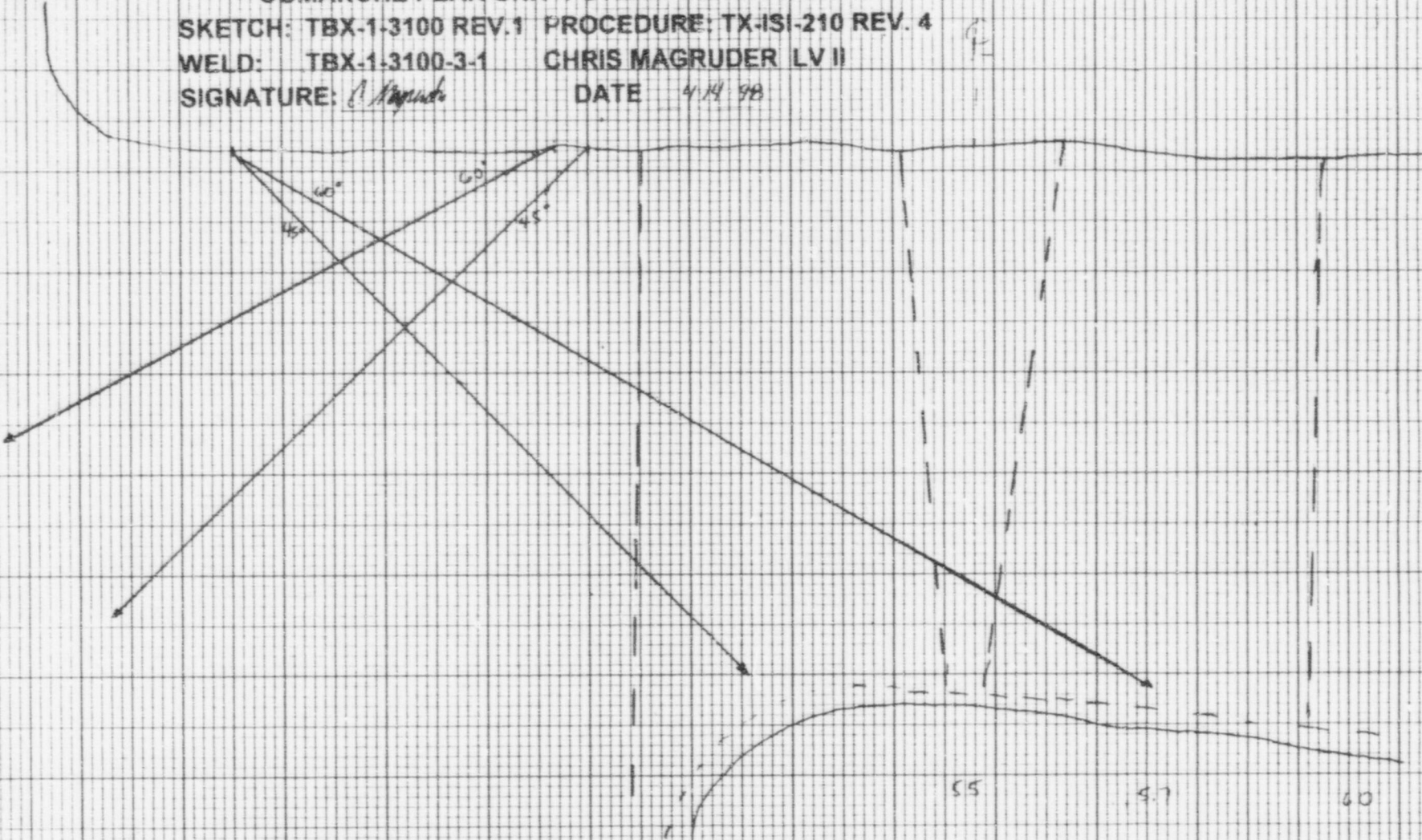
COMANCHE PEAK UNIT 1 STEAM GENERATOR #3

SKETCH: TBX-1-3100 REV.1 PROCEDURE: TX-ISI-210 REV. 4

WELD: TBX-1-3100-3-1 CHRIS MAGRUDER LV II

SIGNATURE: *C. Magruder*

DATE 4.14.98



PROFILE OF THE EXAM VOLUME AND LIMITATIONS

COMANCHE PEAK UNIT 1 STEAM GENERATOR #3

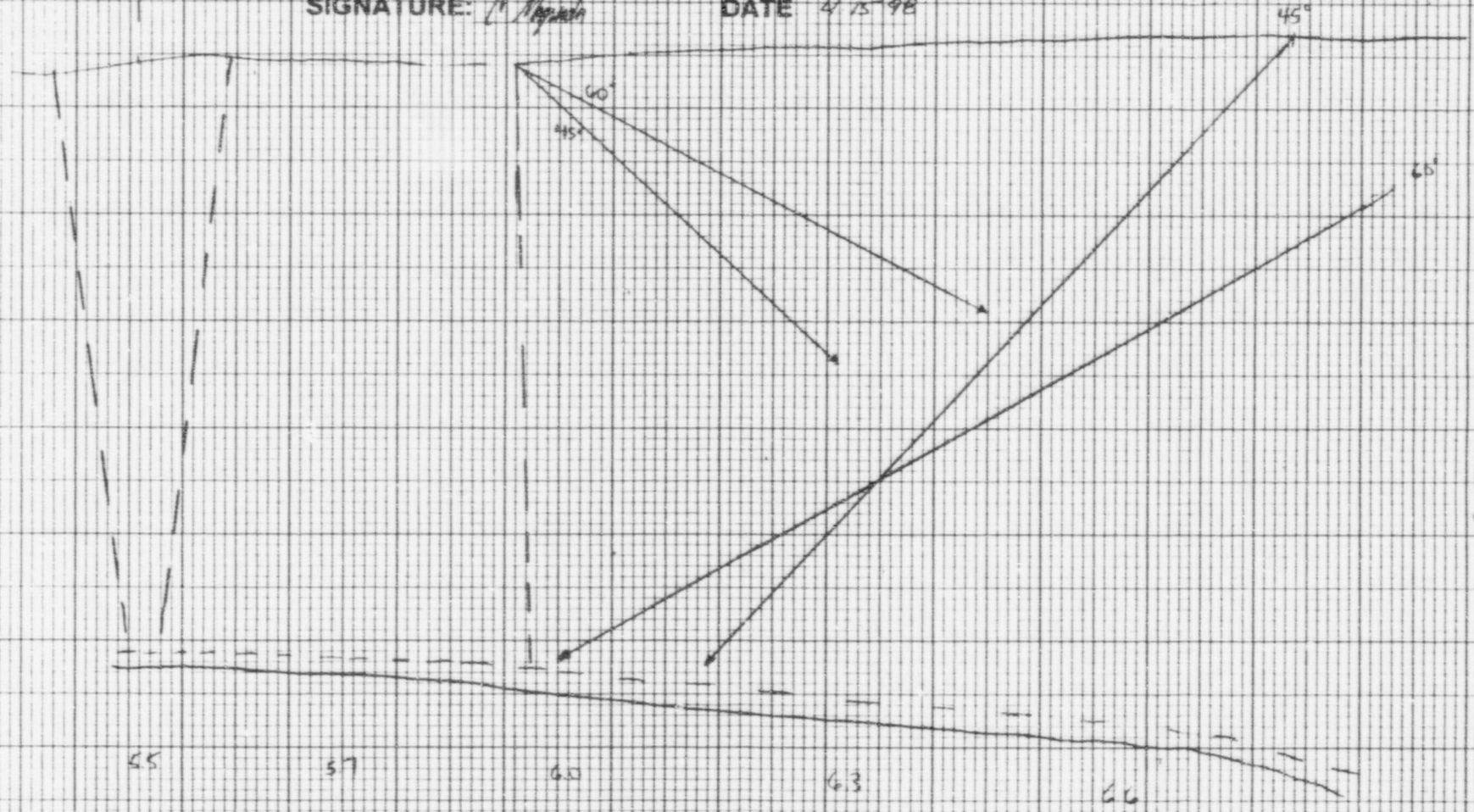
SKETCH: TBX-1-3100 REV.1 PROCEDURE: TX-ISI-210 REV. 4

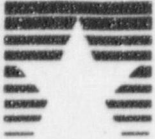
WELD: TBX-1-3100-3-1 CHRIS MAGRUDER LV II

SIGNATURE: *C. Magruder* DATE 4/15/98

Y
Z

E
I





WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-98-143
 PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1-3100 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-210 -Rev. 4 FC N/A
 EXAMINER Delbusso, James *James Delbusso* LEVEL III DATE 4/14/98
 EXAMINER Magruder, Chris *Chris Magruder* LEVEL II DATE 4/14/98

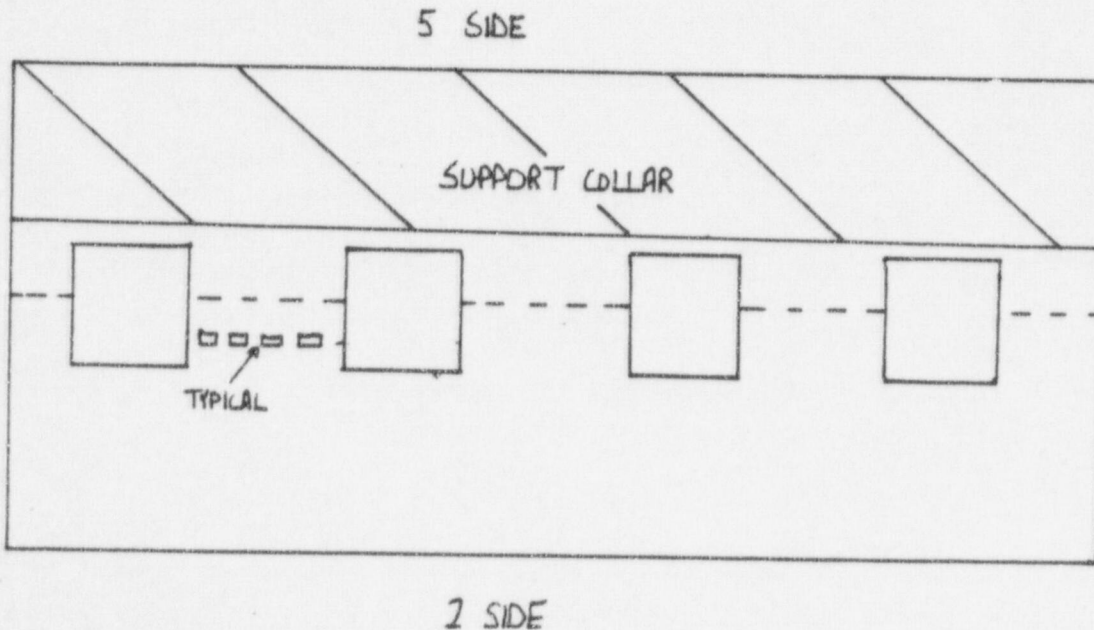
COMPONENT ID TBX-1-3100-3-1

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

Four 24" X 24" Support pads restricts all scan for 22%. Seventeen 2.5" X 2.5" welded pads approx. 7" from CL limits 60° scan. 0° -22% not examined. 45° -22% not examined. 60° -31% not examined. 31% of required exam volume not examined.



TU ELECTRIC REVIEW / DATE

John DeBonis 4/16/98
 DeBonis, John

TU ELECTRIC LEVEL III REVIEW / DATE

James Regan 4/17/98
 Regan, James

ANII REVIEW / DATE

Hair, Joe C. *Joe Hair* 4/17/98

PROFILE OF THE EXAM VOLUME AND LIMITATIONS

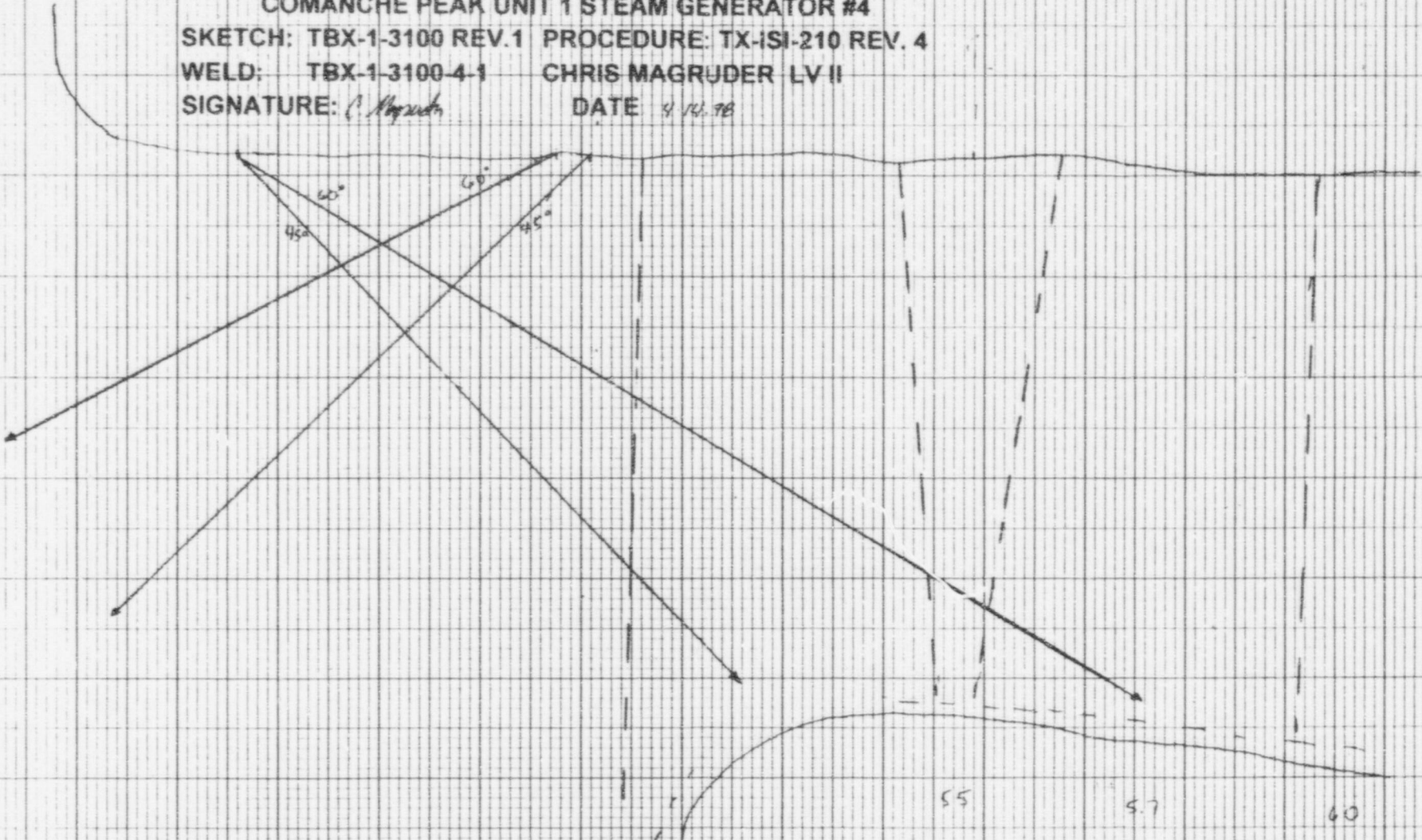
COMANCHE PEAK UNIT 1 STEAM GENERATOR #4

SKETCH: TBX-1-3100 REV.1 PROCEDURE: TX-ISI-210 REV. 4

WELD: TBX-1-3100-4-1 CHRIS MAGRUDER LV II

SIGNATURE: *C. Magruder*

DATE: 9/14/78

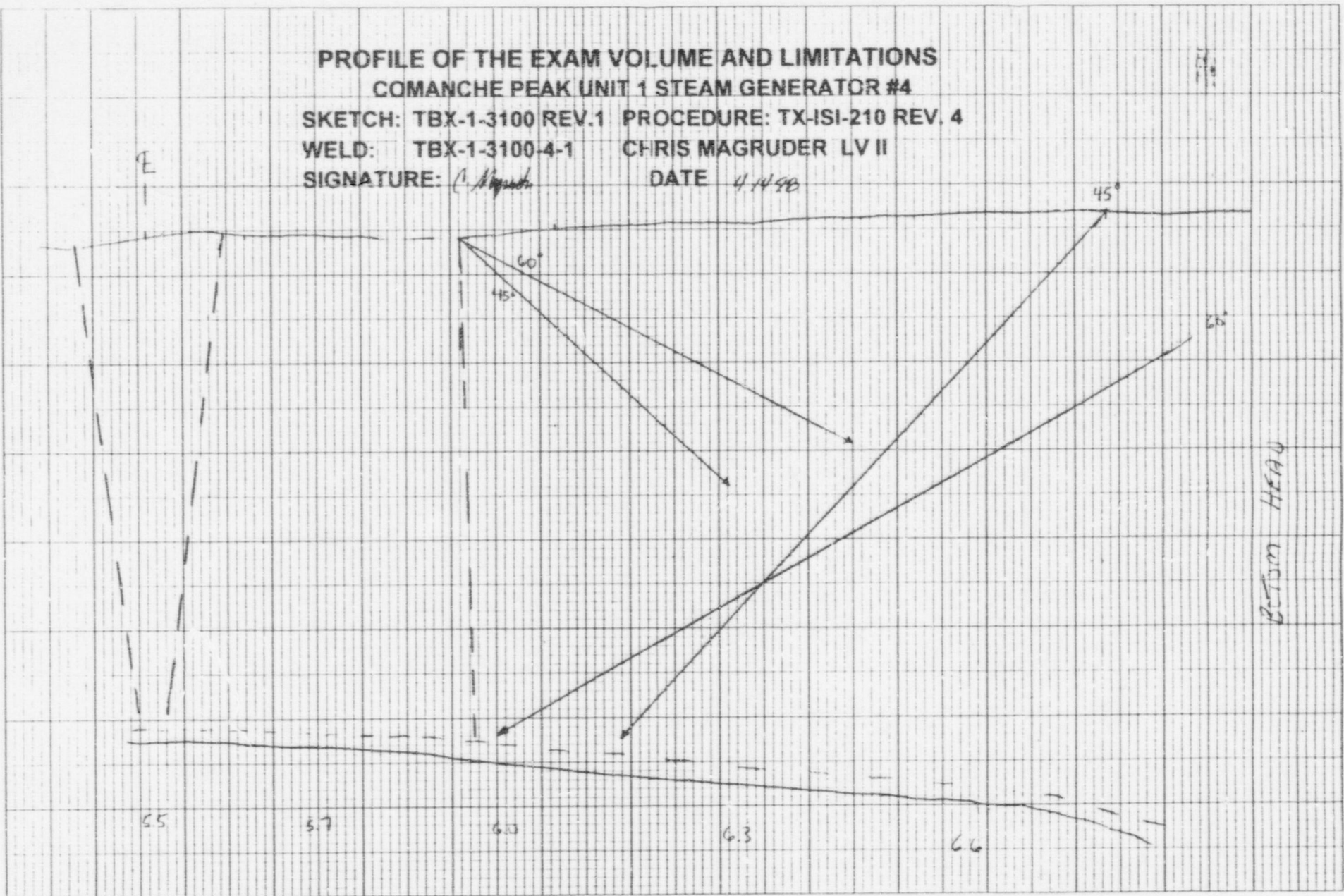


PROFILE OF THE EXAM VOLUME AND LIMITATIONS
COMANCHE PEAK UNIT 1 STEAM GENERATOR #4

SKETCH: TBX-1-3100 REV.1 PROCEDURE: TX-ISI-210 REV. 4

WELD: TBX-1-3100-4-1 CHRIS MAGRUDER LV II

SIGNATURE: *C. Magruder* DATE 4/4/98





WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO UT-98-141
 PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1-3100 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-210 Rev. 4 FC N/A
 EXAMINER Delbusso, James *James Delbusso* LEVEL III DATE 4/13/98
 EXAMINER Magruder, Chris *Chris Magruder* LEVEL II DATE 4/13/98

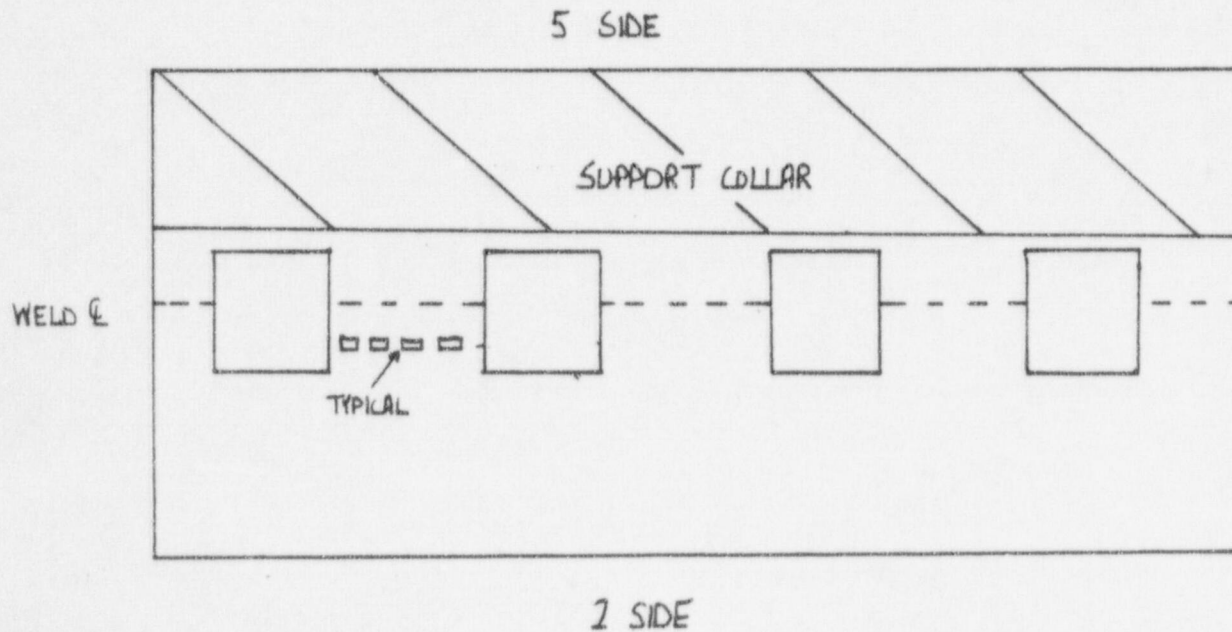
COMPONENT ID TBX-1-3100-4-1

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

Four 24" X 24" Support pads restrict all scan for 22%. Seventeen 2.5" X 2.5" welded pads approx. 7" from CL limits 60° scan. 0° -22% not examined. 45° -22% not examined. 60° -31% not examined. 31% of required exam volume not examined.



TU ELECTRIC REVIEW / DATE <i>John DeBonis</i> 4/16/98 DeBonis, John	TU ELECTRIC LEVEL III REVIEW / DATE <i>James Ragan</i> 4/17/98 Ragan, James	ANII REVIEW / DATE <i>Joe C. Hair</i> 4/17/98 Hair, Joe C.
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**CPSES UNIT 1
RELIEF REQUEST
B-12**

A. Item for which relief is requested:

TBX-1-2100-1
Pressurizer Lower Head to Shell Weld

B. Item Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the weld length as described in Table IWB-2500-1, Examination Category B-B, Item No. B2.11.

D. Basis for relief:

The specific examination area geometry of the lower head to shell weld and interferences from instrumentation lines, welded pads and the support skirt preclude the complete ultrasonic examination of the volume required by Fig. IWB-2500-1 for weld TBX-1-2100-1. Approximately 16% of the volume did not receive the full code required coverage. Best effort examinations were performed. Full circumferential scan coverage was obtained. Axial scan coverage was achieved for approximately 97% of the required volume in at least one beam path direction with one angle.

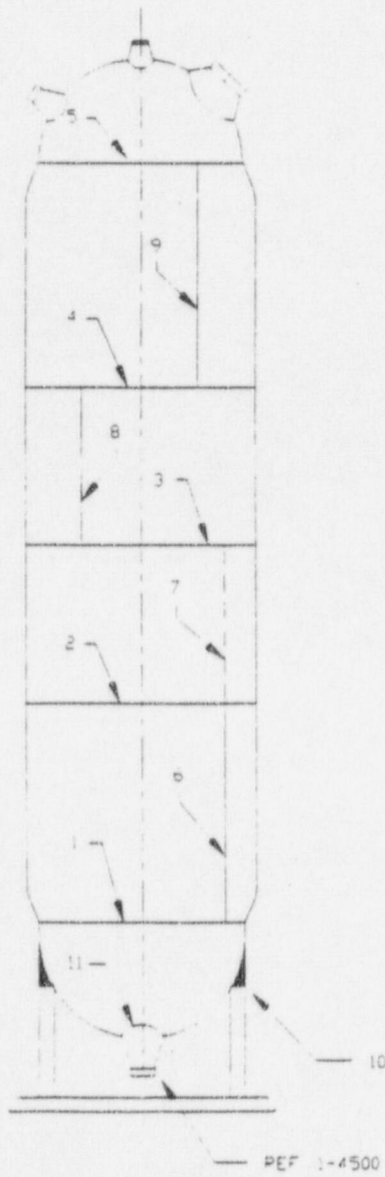
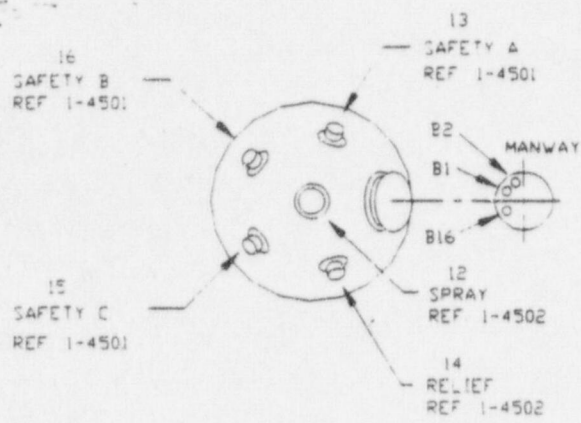
There were no recordable indications identified by the best effort examinations performed. See pages 2 through 4 for weld location and examination area configuration.

E. Substitute examinations:

None

F. Anticipated impact on the overall level of plant quality and safety:

None



MANWAY

REF 1-4500

REF 1-4500

REF 1-4500

REF 1-4500

REF 1-4500

REF 1-4500

REF 1-4500

REF 1-4500

REF 1-4500



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-98-059

PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-1-2100 Rev. 2</u>
SYST/COMP	<u>REACTOR COOLANT</u>			PROCEDURE	<u>TX-4SI-210 Rev. 4 FC N/A</u>
EXAMINER	<u>Deibusso, James</u> <i>James R. Deibusso</i>	LEVEL	<u>III</u>	DATE	<u>3/30/98</u>
EXAMINER	<u>N/A</u>	LEVEL	<u>N/A</u>	DATE	

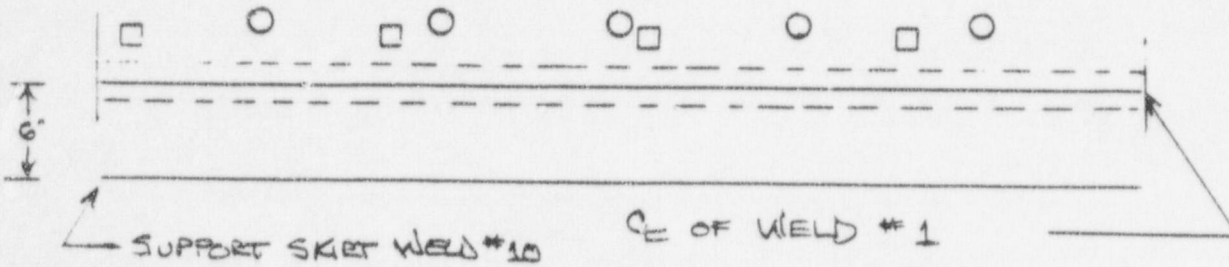
COMPONENT ID TBX-1-2100-1

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

Support restricts 2 scan for 60°.
 5- 1" instrumentation lines 3.5" from weld toe, 5 side.
 4- 2.5" X 2.5" welded pads 2.75" from weld toe, 5 side.
 97% examined with 45°, 85% examined with 60°, 15% not examined.



SUPPORT SKIRT

TU ELECTRIC REVIEW / DATE <i>J. S. F. 4/2/98</i>	TU ELECTRIC LEVEL III REVIEW / DATE <i>J. Ragan 4/3/98</i>	ANII REVIEW / DATE <i>J. Ragan 4/4/98</i>
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LIMITATION AND WELD PROFILE EXAMINATION DATA

COMANCHE PEAK UNIT 1 PRESSURIZER

SKETCH: TBX-2-2100 REV.1

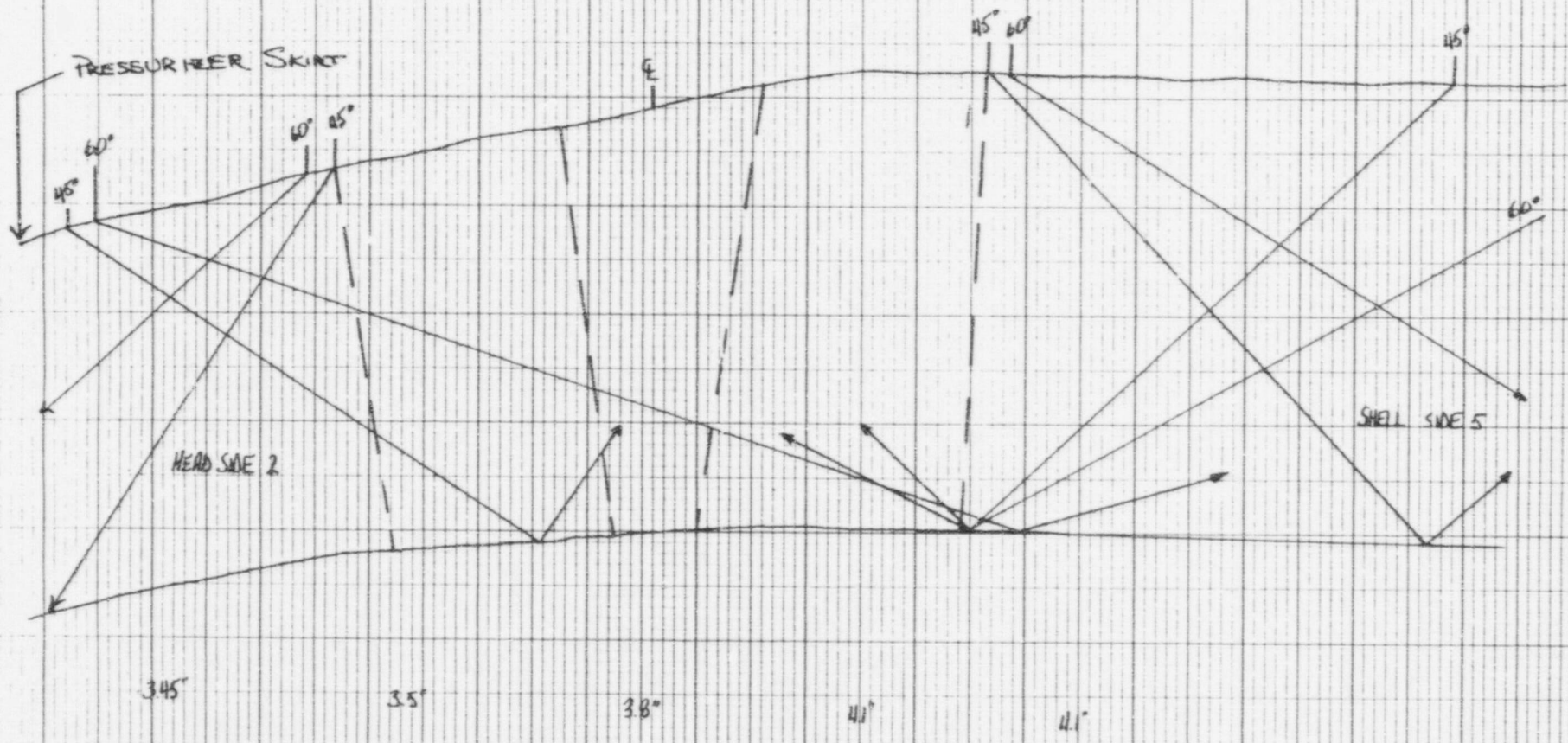
WELD: TBX-2-2100-1

PROCEDURE: TX-ISI-210 REV. 4

JAMES DELBUSSO LV III

Signature *James Delbusso*

DATE 3-30-98



**CPSES UNIT 1
RELIEF REQUEST
B-13**

A. Item(s) for which relief is requested:

TBX-1-4102-7, TBX-1-4301-7, TBX-1-4402-7
Circumferential Piping Welds

B. Item(s) Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric and surface examination of 100% of the weld length as described in Table IWB-2500-1, Examination Category B-J, Item No. B9.11.

D. Basis for relief:

The specific pipe to valve examination geometries and interferences from reactor building structural steel members preclude the complete ultrasonic and liquid penetrant examinations of the volume and the surface area required by Fig. IWB-2500-8.

For weld TBX-1-4102-7, approximately 61% of the volume and 31% of the surface area did not receive the full code required examination coverage. See pages 3 through 6 for weld location and examination area configuration for weld TBX-1-4102-7.

For weld TBX-1-4301-7, approximately 55% of the volume did not receive the full code required examination coverage. See pages 7 through 9 for weld location and examination area configuration for weld TBX-1-4301-7.

For weld TBX-1-4402-7, approximately 59% of the volume and 40% of the surface area did not receive the full code required examination coverage. See pages 10 through 13 for weld location and examination area configuration for weld TBX-1-4402-7.

Best effort examinations were performed for the accessible areas of the weld. There were no recordable indications identified by the best effort volumetric or surface examinations performed.

**CPSES UNIT 1
RELIEF REQUEST**

**B-13
(cont.)**

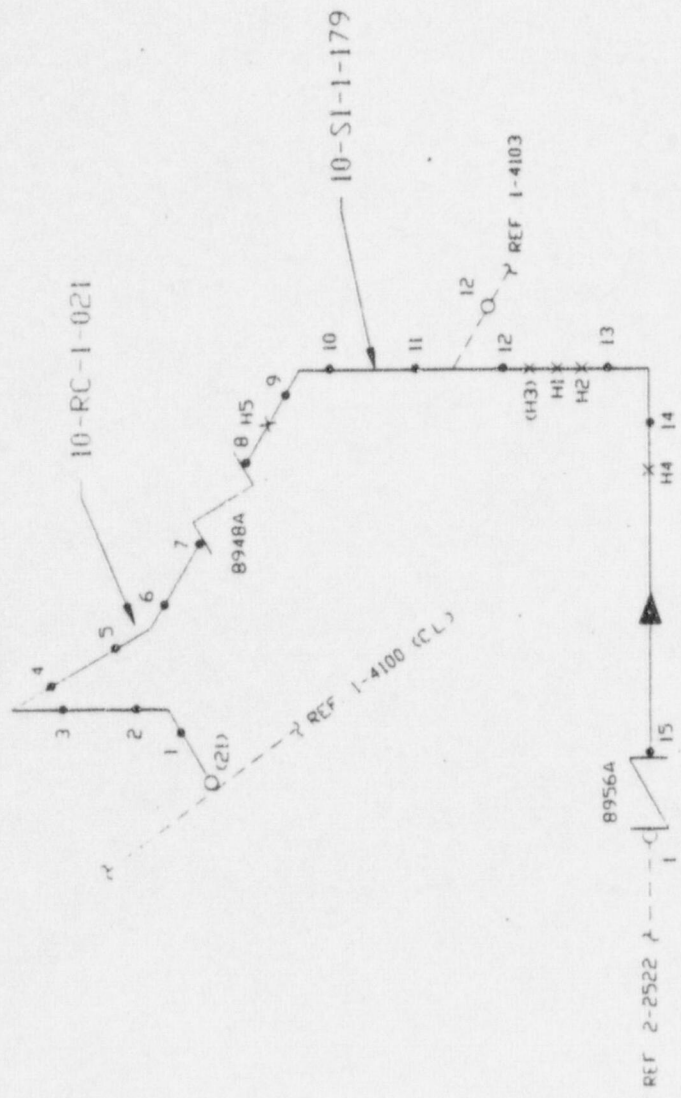
E. Alternate examinations:

None - however, welds at this same location in loops 1, 3 and 4 are included in the ISI Plan and are scheduled for examination during this interval.

F. Anticipated impact on the overall level of plant quality and safety:

None

11 51 1 179 004 C 419
 12 51 1 179 007 1 419
 13 51 1 179 008 1 419
 14 51 1 179 009 1 419
 15 51 1 179 400 C 419



ILLUSTRATIVE ONLY

NOTES:	TU ELECTRIC	
	CPSES UNIT 1	
	INSPECTOR'S INSPECTION LOCATION ELECTRIC	
DESCRIPTION: SAFETY INJECTION	TR 1-4102	7-20-90
T/SCH 100/140		
BFP 51-1-PB-37		
FLD 111-062		
APPROVAL SIGNED ORIGINAL FILE		

WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-98-070
PAGE 3 OF 3

LIMITATION TO EXAMINATION

PLANT Cornucopia Peak UNIT 1 SKETCH TBX-1-4102 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-214 Rev. 2 FC N/A
 EXAMINER Holasak, Wade *Wade Holasak* LEVEL III DATE 4/1/98
 EXAMINER N/A LEVEL N/A DATE _____

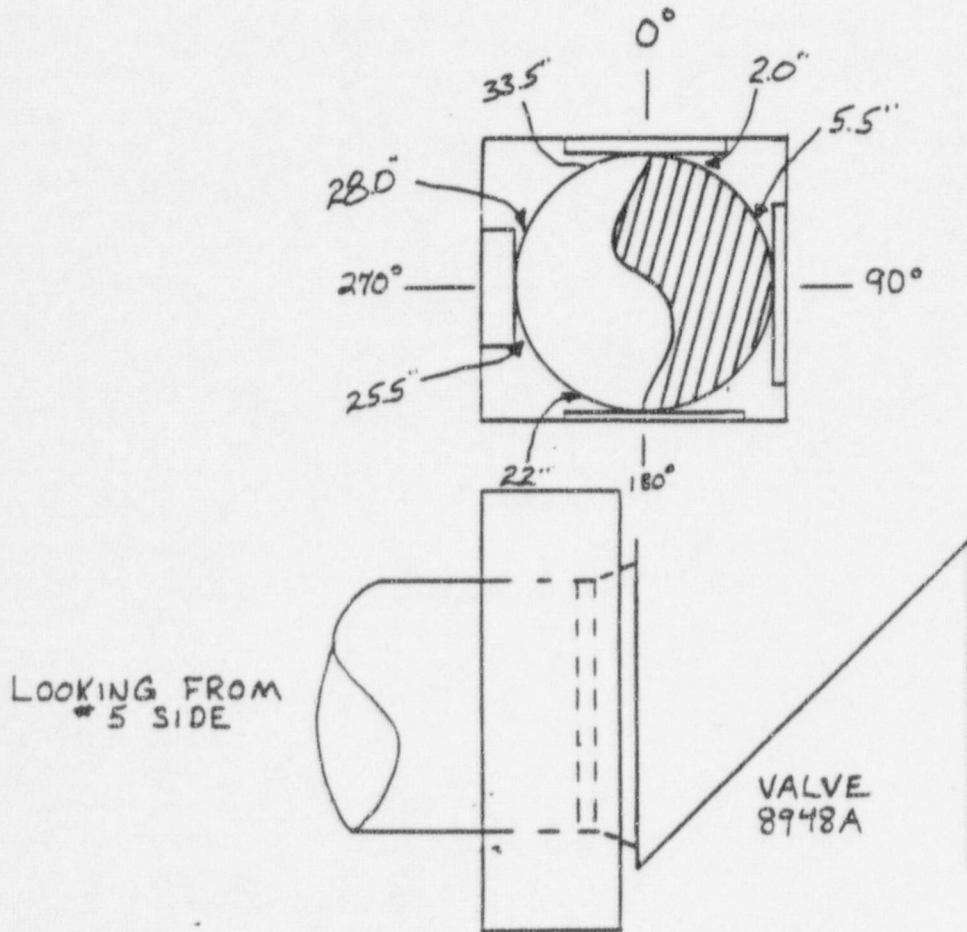
COMPONENT ID TBX-1-4102-7

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

L distances of scanned pipe measured in the CW direction from datum O. 2.0" to 5.5", 22.0" to 25.5", and 28.0" to 33.5". #7/8 scan also limited in these areas. 39% of total area was examined. (61% not examined.)



TU ELECTRIC REVIEW / DATE

John DeBoer
DeBoer, John

TU ELECTRIC LEVEL III REVIEW / DATE

James Ragan
Ragan, James

ANII REVIEW / DATE

Joe C. Blair 4/20/98
Blair, Joe C.

4/16/98

4/14/98

4/14/98



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. PT-98-040
PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT Cornaca Peak UNIT 1 SKETCH TBX-1-4102 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-11 Rev. 6 FC N/A
 EXAMINER Holasek, Wade LEVEL II DATE 3/31/98
 EXAMINER N/A LEVEL N/A DATE _____

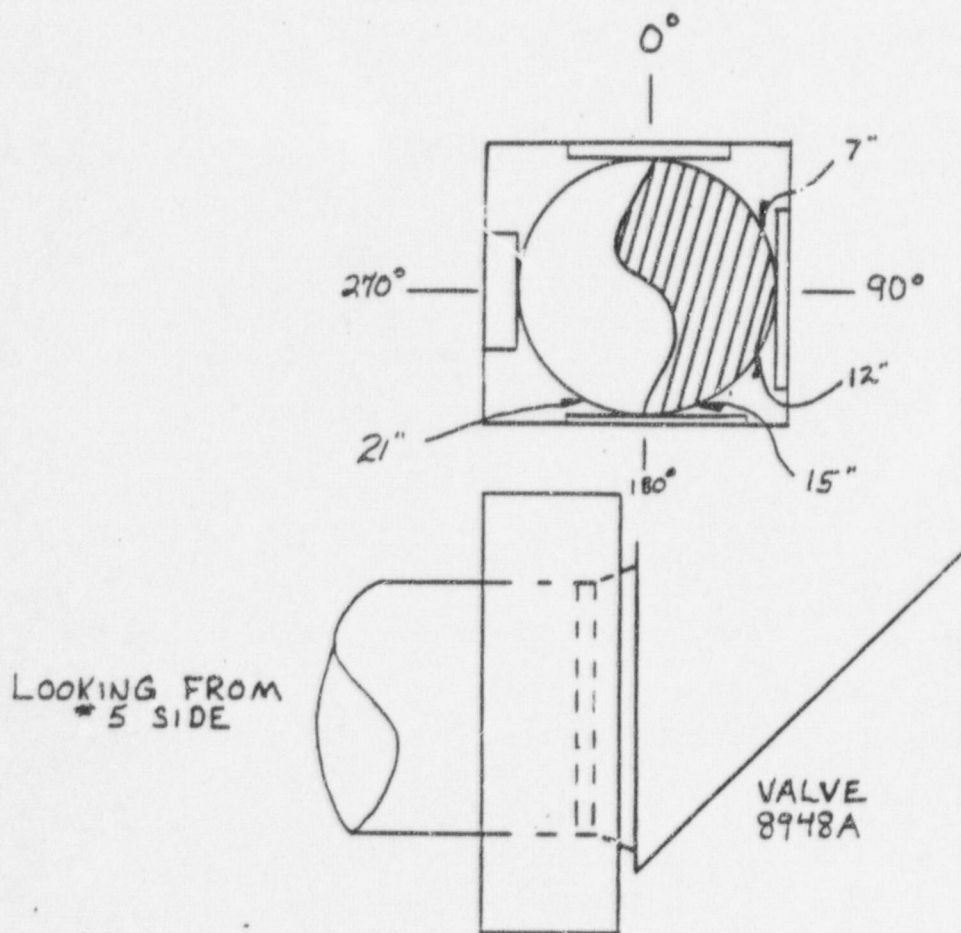
COMPONENT ID TBX-1-4102-7

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

31% not examined. Limitations from 7" to 12" and 15" to 21".



TU ELECTRIC REVIEW / DATE

John DeBonis

DeBonis, John

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan

4/14/98 Ragan, James

ANII REVIEW / DATE

4/14/98 Hair, Joe C. ANII

John 4/30/98

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

REPORT NO. UT-88-070

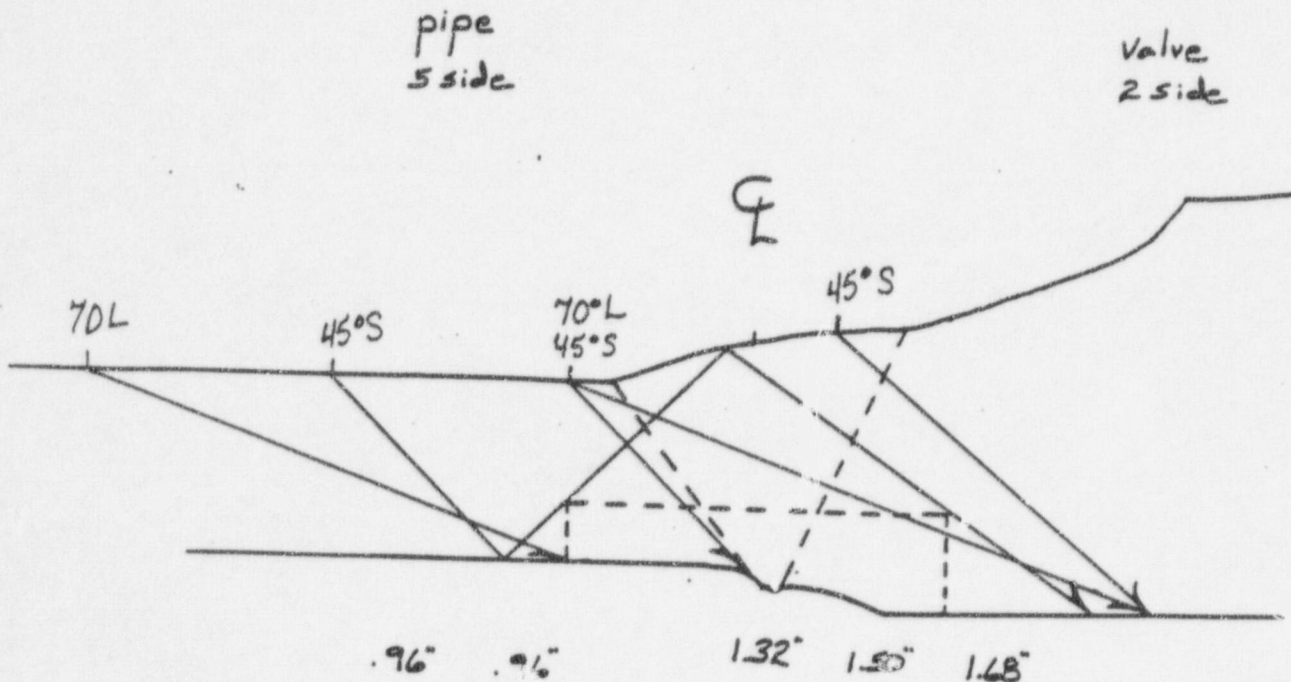
PAGE 2 OF 3

PROFILE OF THE EXAMINATION VOLUME

PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-1-4102 Rev. 1</u>
SYST/COMP	<u>REACTOR COOLANT</u>			PROCEDURE	<u>TX-451-214 Rev. 1 FC-1A</u>
EXAMINER	<u>Knott, Brian</u> <i>Brian D. Knott</i>	LEVEL	<u>II</u>	DATE	<u>3/31/98</u>
EXAMINER	<u>Holasek, Wade</u> <i>Wade Holasek</i>	LEVEL	<u>III</u>	DATE	<u>3/31/98</u>

COMPONENT ID TBX-1-4102-7

COMMENTS/SKETCH/DETAILS



TU ELECTRIC REVIEW / DATE

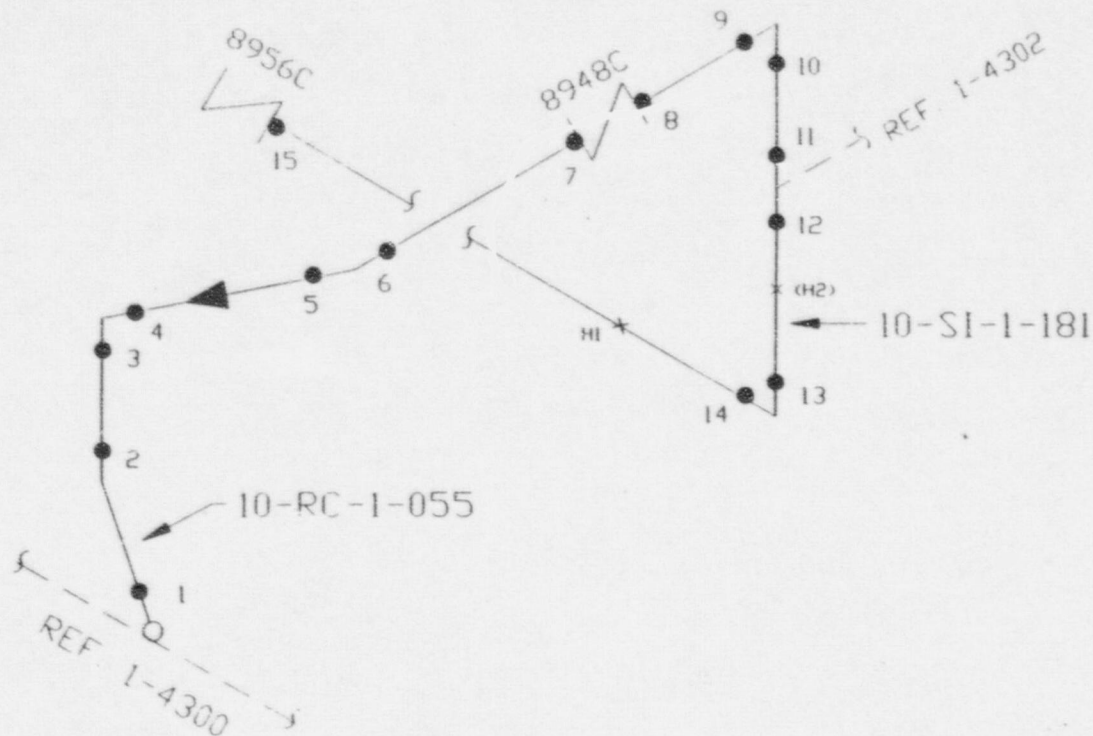
John DeBoris 4/14/98
DeBoris, John

TU ELECTRIC LEVEL II REVIEW / DATE

J. Ragan 4/14/98
Ragan, James

ENR REVIEW / DATE

John 4/20/98
Hair, Joe C. AMI



HI 10-SI-1-181-005-C41R
 OR 10-SI-1-181-003-C41R

ILLUSTRATIVE ONLY

NOTES:

DESCRIPTION: ACCUMULATOR DISCHARGE
 T/SCH 100/140

TU ELECTRIC
 CPSES UNIT 1

BFF: SI-1-PB-60

INSERVICE INSPECTION
 LOCATION: LUMETIC

APPROVAL: SIGNED ORIGINAL ON FILE

FLD: HI 0250, HI 0262

TB/1-4301 RE: 1 7-23-90



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-88-104

PAGE 3 OF 3

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1 4301 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-451-214 Rev. 2 FC N/A
 EXAMINER Blecha, Paul *Paul S Blecha* LEVEL II DATE 3/6/98
 EXAMINER Moreau, Andre *Andre Moreau* LEVEL II DATE 4/6/98

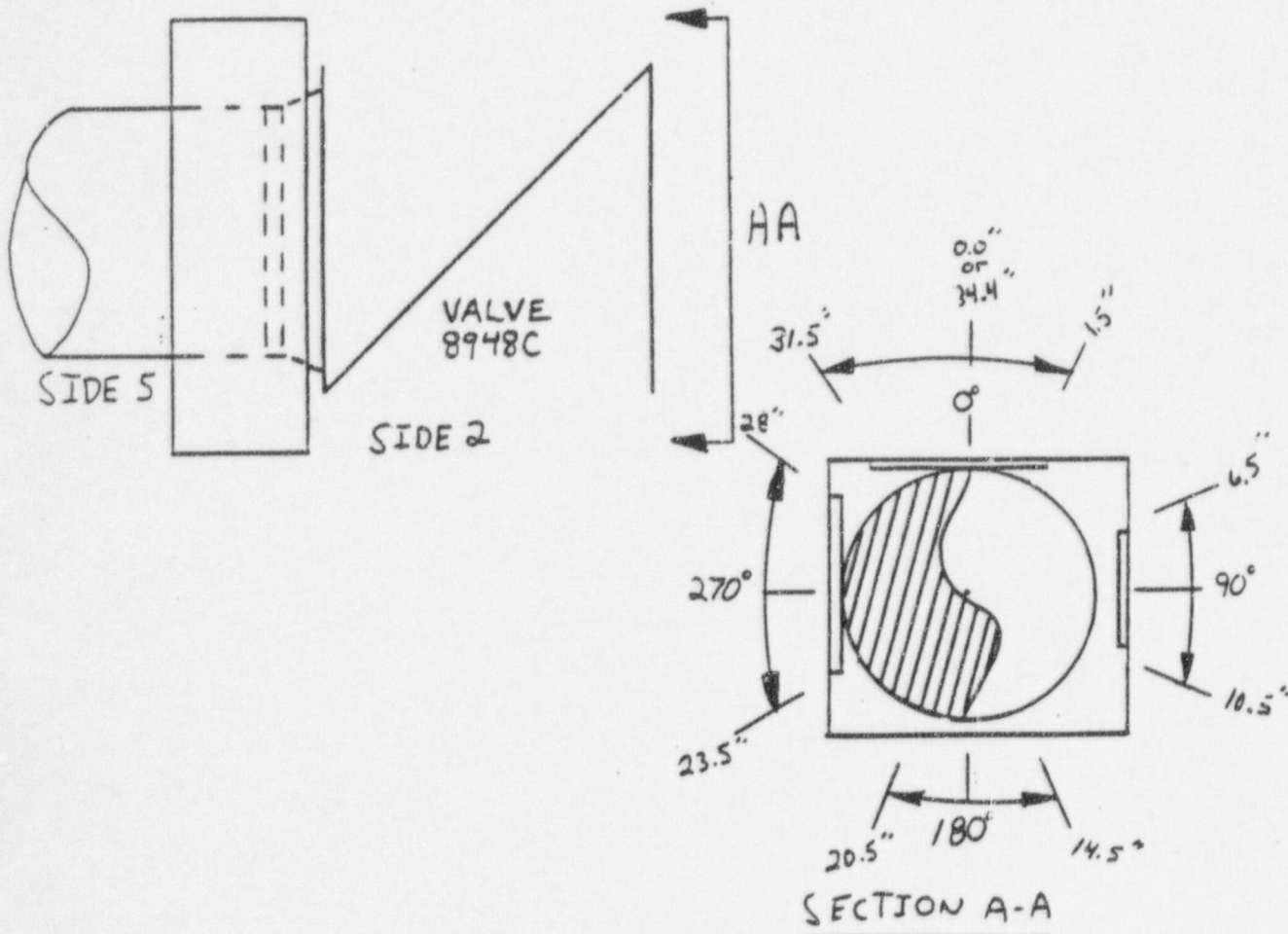
COMPONENT ID TBX-1-4301-7

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

No examination performed from 0° to 1.5°, 6.6° to 10.6°, 14.6° to 20.6°, 23.6° to 28°, 31.6° to 34.4°. All measurements taken CW from datum 0. Total circ measurement is 34.4°. 65 % not examined.



TU ELECTRIC REVIEW / DATE

John DeBonis 4/14/98
 DeBonis, John

TU ELECTRIC LEVEL III REVIEW / DATE

James Ragan 4/14/98
 Ragan, James

ANI REVIEW / DATE

Joe C. Hair 4/16/98
 Hair, Joe C.



WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

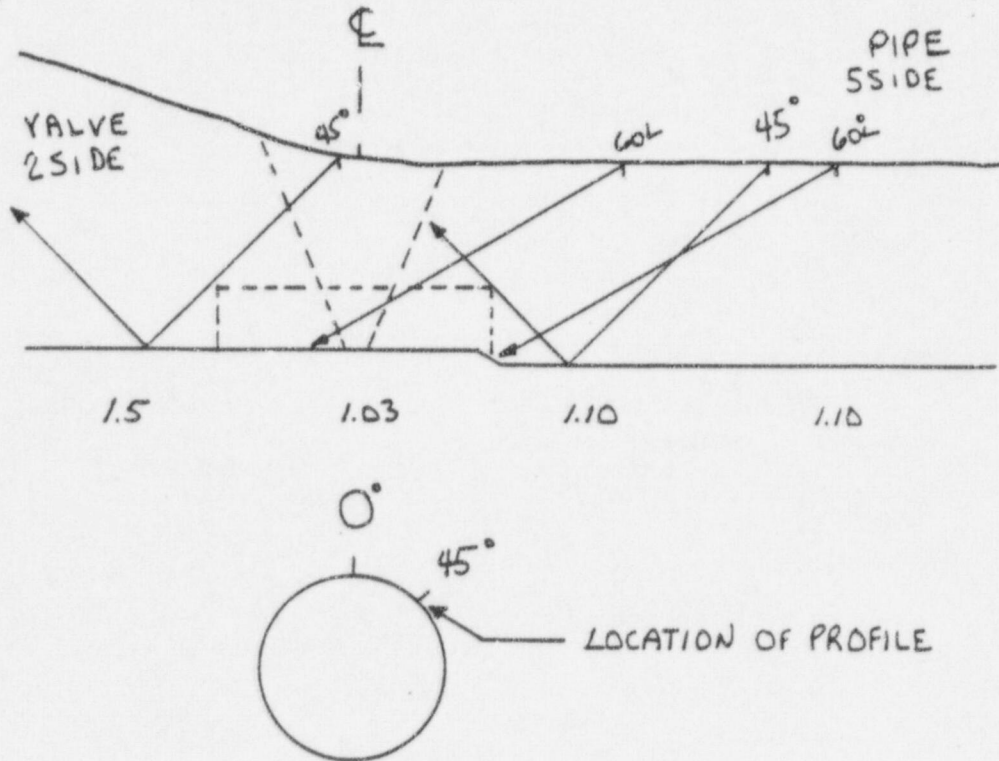
REPORT NO. UT-88-104
PAGE 2 OF 3

PROFILE OF THE EXAMINATION VOLUME

PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-1-4301 Rev. 1</u>
SYST/COMP	<u>REACTOR COOLANT</u>	PROCEDURE	<u>TX-451-214</u>	Rev. 2	<u>FC N/A</u>
EXAMINER	<u>Blecha, Paul</u> <i>Paul S Blecha</i>	LEVEL	<u>II</u>	DATE	<u>4/8/98</u>
EXAMINER	<u>Moreau, Andre</u> <i>Andre Moreau</i>	LEVEL	<u>II</u>	DATE	<u>4/8/98</u>

COMPONENT ID TBX-1-4301-7

COMMENTS/SKETCH/DETAILS



TU ELECTRIC REVIEW / DATE

J. DeBonis 4/14/98
DeBonis, John

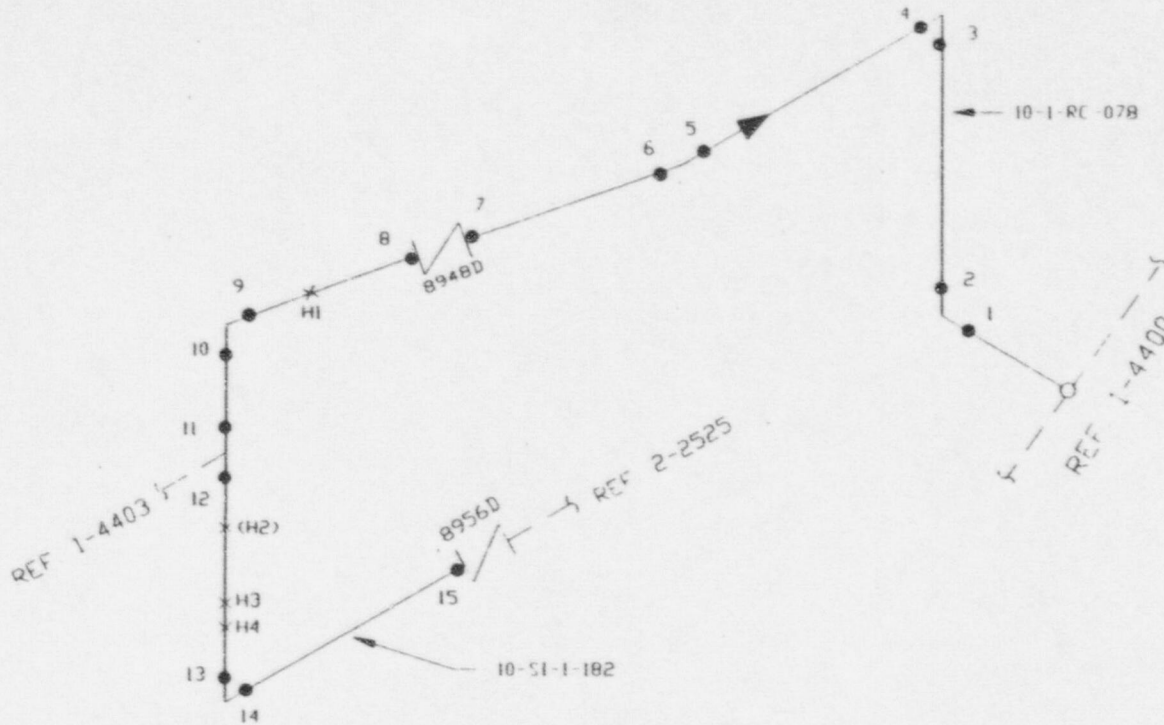
TU ELECTRIC LEVEL II REVIEW / DATE

J. Ragan 4/14/98
Ragan, James

ANII REVIEW / DATE

Joe C. Hair 4/16/98
Hair, Joe C.

H1 51-1-182-400 (41)
 H2 51-1-182-005 (41)
 H3 51-1-182-006 (41)
 H4 51-1-182-003 (41)



ILLUSTRATIVE ONLY

NOTES:

DESCRIPTION: ACCUMULATOR DISCHARGE
 T SCH 100"/140

EFF: 1-1-RB-38B

TU ELECTRIC
 CPES UNIT 1

INSPECTION
 INSPECTION

APPROVAL SIGNED ORIGINAL ON FILE

FLY III 0250 MI 0261

TBX 1-4402 FEB 2 1 12 '95



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-88-100
PAGE 3 OF 3

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1-4402 Rev. 2
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-214 Rev. 2 FC N/A
 EXAMINER Holasek, Wade Wade Holasek LEVEL III DATE 4/5/98
 EXAMINER Gahan, Timothy Timothy Gahan LEVEL II DATE 4/5/98

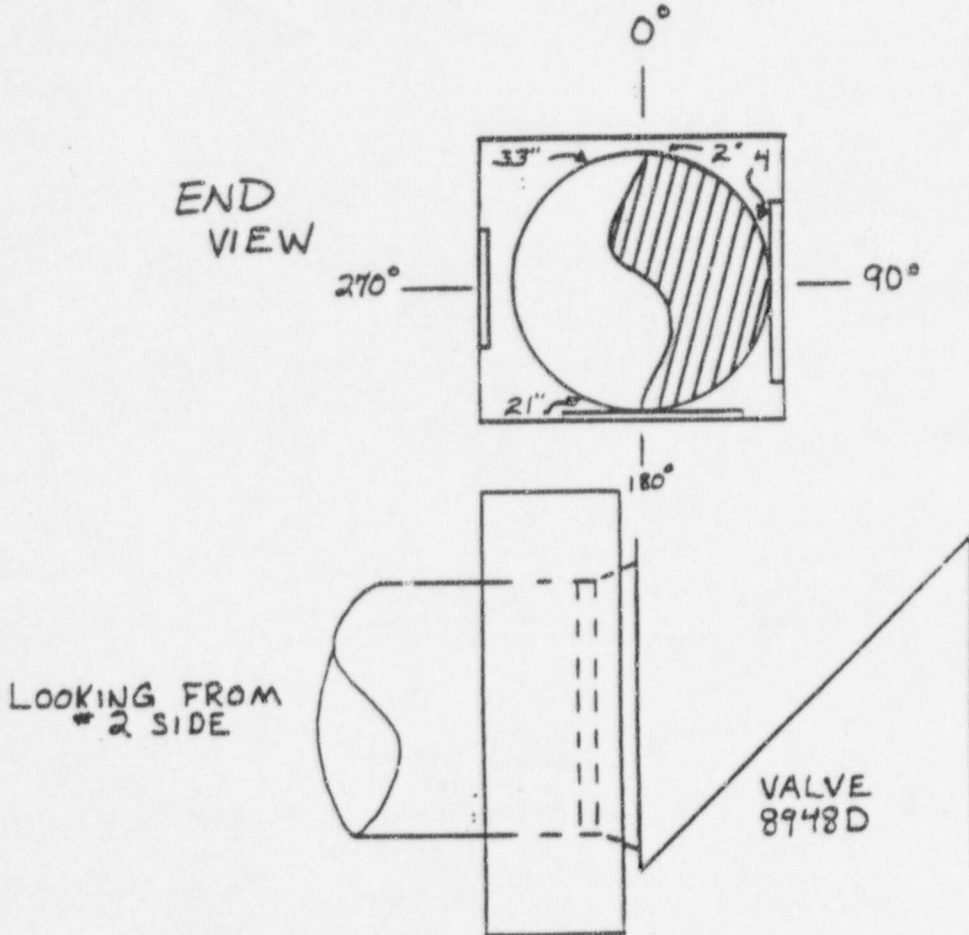
COMPONENT ID TBX-1-4402-7

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

No examination performed from 4" to 21" and 33" to 2" CW with flow due to pipe restraint. Total circ measurement is 34.5" 59% not examined.



TU ELECTRIC REVIEW / DATE

John DeBorja 4/10/98
DeBorja, John

TU ELECTRIC LEVEL III REVIEW / DATE

James Rogan 4/10/98
Rogan, James

ANR REVIEW / DATE

Joe C. Hair 4/17/98
Hair, Joe C.



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. PT-88-046

PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-1-4402 Rev. 2</u>
SYST/COMP	<u>REACTOR COOLANT</u>	PROCEDURE	<u>TX-4SI-11</u>	Rev. 6	FC N/A
EXAMINER	<u>Holasek, Wade</u> <i>Wade Holasek</i>	LEVEL	<u>II</u>	DATE	<u>4/4/98</u>
EXAMINER	<u>N/A</u>	LEVEL	<u>N/A</u>	DATE	

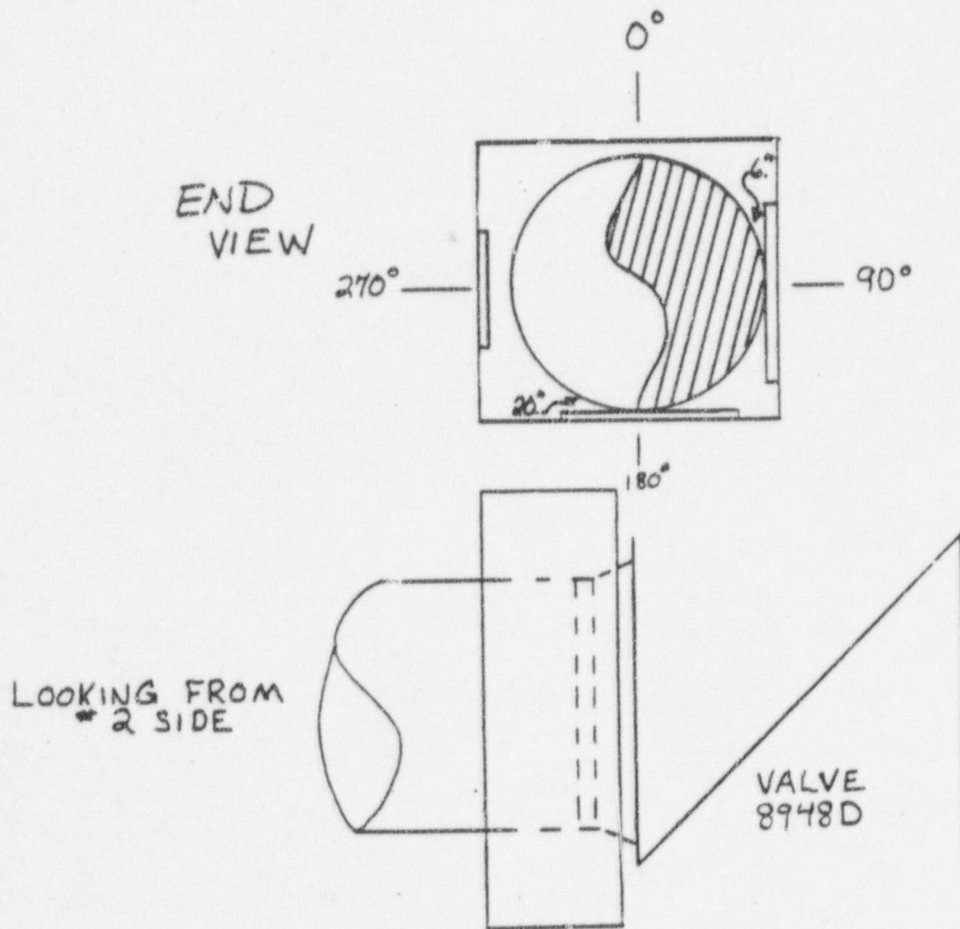
COMPONENT ID TBX-1-4402-7

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

No examination performed from 6" to 20" CW with flow due to pipe restraint. Total circ measurement is 34.6"



TU ELECTRIC REVIEW / DATE

Joe Bon... 4/17/98

TU ELECTRIC LEVEL II REVIEW / DATE

J. Ragan 4/17/98

ANII REVIEW / DATE

John 4/17/98



WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

REPORT NO. UT-88-100
PAGE 2 OF 3

PROFILE OF THE EXAMINATION VOLUME

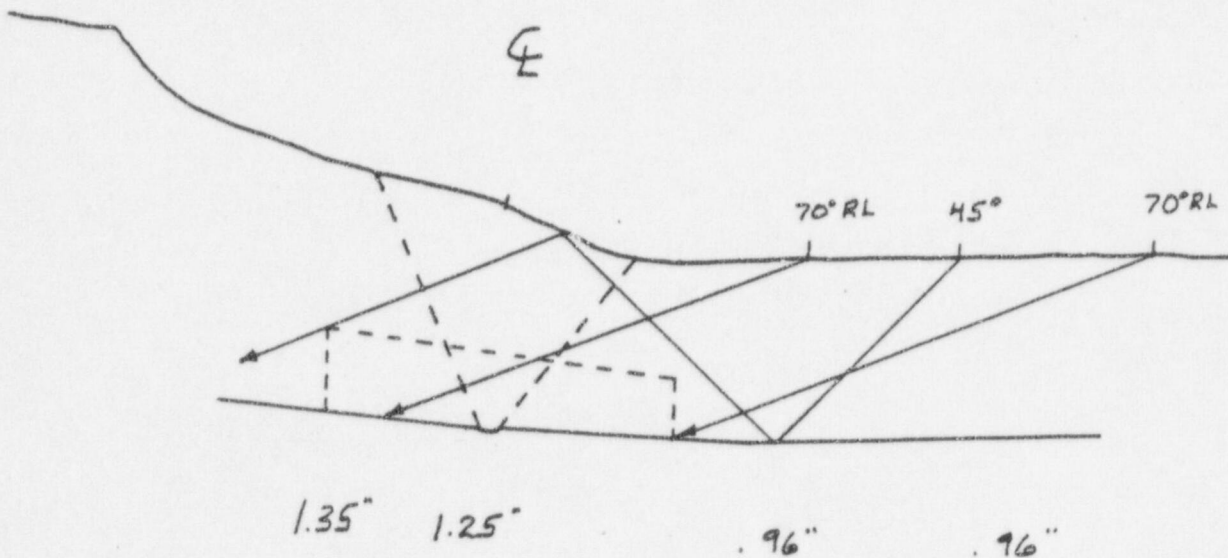
PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-1-4402 Rev. 2</u>
SYST/COMP	<u>REACTOR COOLANT</u>			PROCEDURE	<u>TX-4SI-214 Rev. 2 FC N/A</u>
EXAMINER	<u>Gahan, Timothy</u> <i>Timothy Gahan</i>	LEVEL	<u>II</u>	DATE	<u>4/6/98</u>
EXAMINER	<u>N/A</u>	LEVEL	<u>N/A</u>	DATE	

COMPONENT ID TBX-1-4402-7

COMMENTS/SKETCH/DETAILS

Valve
2 side

pipe
5 side



TU ELECTRIC REVIEW / DATE

J. DeBonis 4/10/98

DeBonis, John

TU ELECTRIC LEVEL II REVIEW / DATE

J. Ragan 4/10/98

Ragan, James

ANM REVIEW / DATE

fil 4/17/98

Hick, Joe C.

**CPSES UNIT 1
RELIEF REQUEST
B-14**

A. Item(s) for which relief is requested:

TBX-1-4404-1
Branch Pipe Connection Weld

B. Item(s) Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the weld length as described in Table IWB-2500-1, Examination Category B-J, Item No. B9.31.

D. Basis for relief:

The specific examination area geometry of this pipe to branch connection weld precludes the complete ultrasonic examination of the volume required by Fig. IWB-2500-10. Approximately 26% of the examination volume did not receive the full code required coverage.

A best effort examination was performed. Full circumferential scan coverage was obtained. Axial scan coverage was achieved in one beam path direction with at least one beam angle for 100% of the examination volume. See pages 2 and 3 for weld location and examination area configuration.

There were no recordable indications identified by the best effort volumetric examination or by the required surface examination performed.

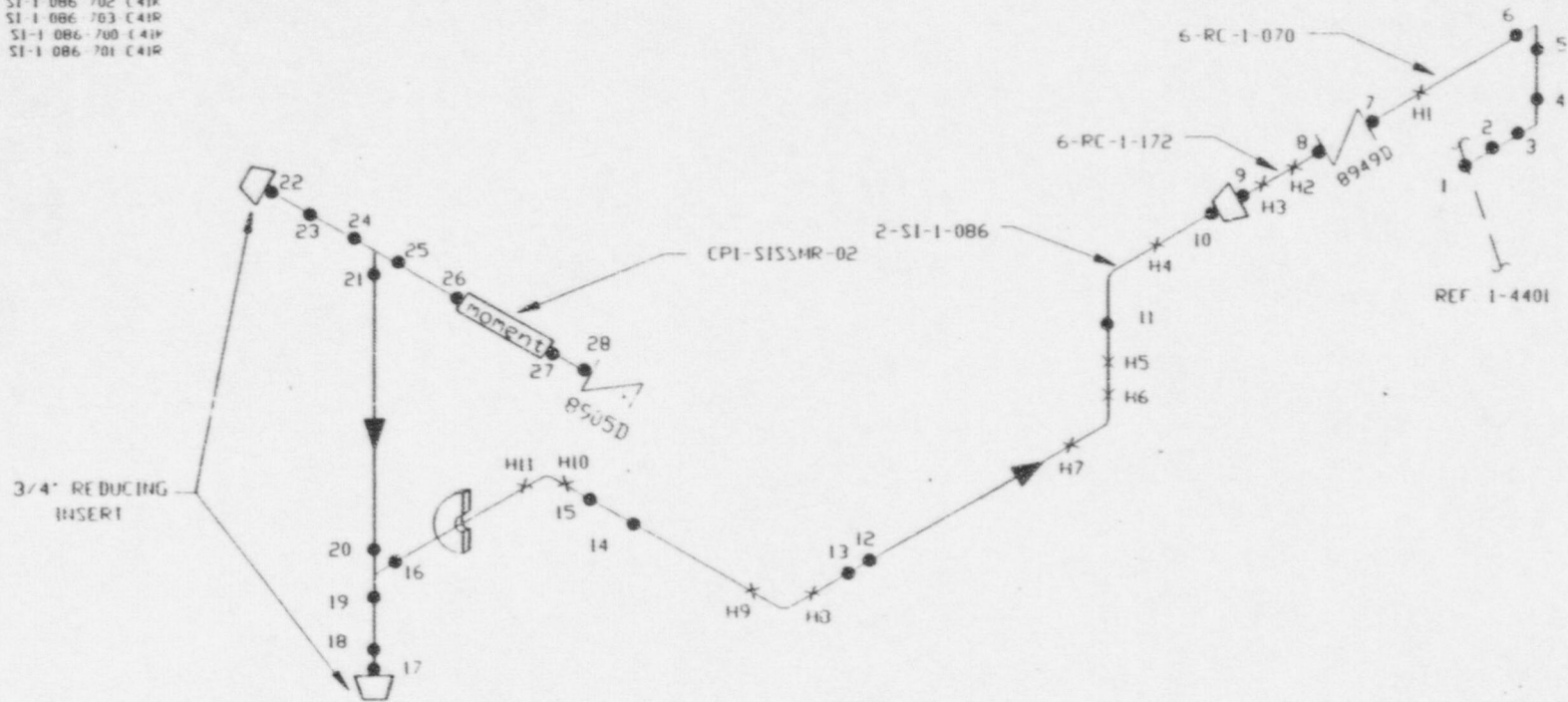
E. Alternate examinations:

None

F. Anticipated impact on the overall level of plant quality and safety:

None

- H1 RC 1-070 002 C41P
- H2 SI 1-172 002 C41P
- H3 SI 1-172 003 C41P
- H4 SI 1-086 702 C41P
- H5 SI 1-086 706 C41P
- H6 SI 1-086 705 C41P
- H7 SI 1-086 704 C41S
- H8 SI 1-086 702 C41P
- H9 SI 1-086 703 C41P
- H10 SI 1-086 700 C41P
- H11 SI 1-086 701 C41P



ILLUSTRATIVE ONLY

NOTES:

APPRO. ALIGNED ORIGINAL ON FILE

DESCRIPTION: SAFETY INJECTION
 1" SCH (6") 719"/160, (2") 344"/160
 BRP RC-1-PB-06, SI-1-FB-13
 SI-1-FB-15
 FLOW: III-0250, III-0260

TU ELECTRIC
 CPSES UNIT 1
 INSERVICE INSPECTION
 LOCATION: METRIC
 TBX-1-4404 REV. 1 7-24-90



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-98-118

PAGE 3 OF 3

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-1-4404 Rev. 1
 SYST/COMP REACTOR COOLANT PROCEDURE TX-4SI-214 Rev. 2 FC N/A
 EXAMINER Williams, Mark *[Signature]* LEVEL II DATE 4/5/98
 EXAMINER N/A LEVEL N/A DATE _____

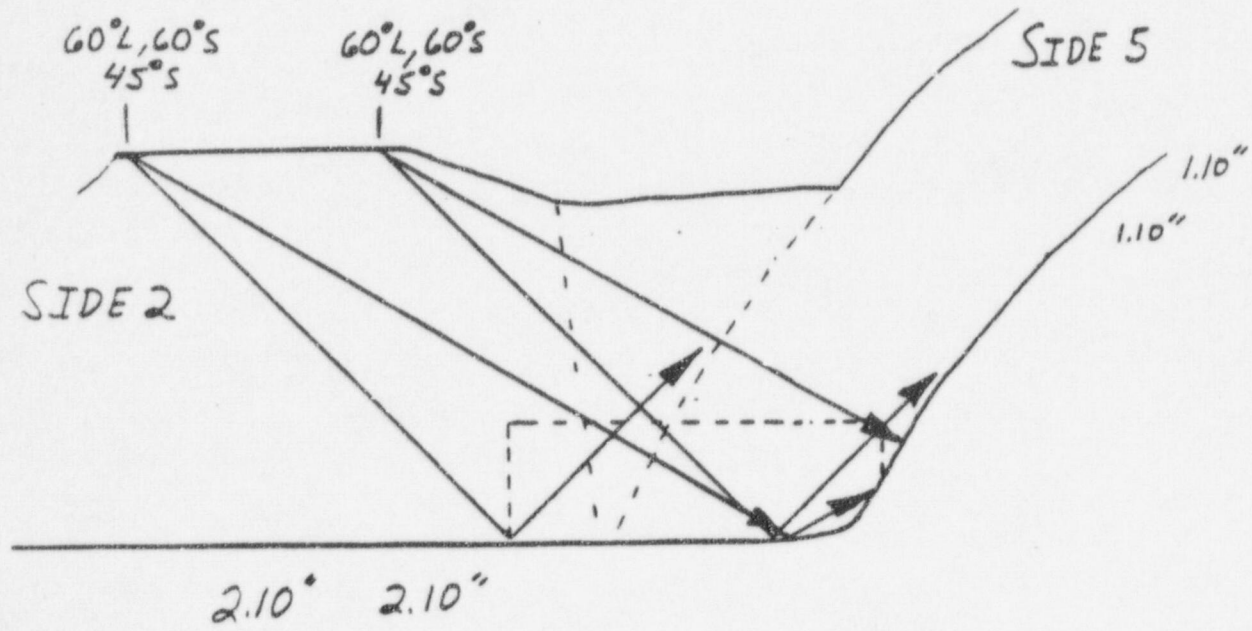
COMPONENT ID TBX-1-4404-1

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

100% of the required volume is covered in at least 1 beam path direction. 74% of the required volume is covered in 2 beam path directions.



TU ELECTRIC REVIEW / DATE <i>[Signature]</i> 4/10/98 DeBonis, John	TU ELECTRIC LEVEL III REVIEW / DATE <i>[Signature]</i> 4/10/98 Regan, James	ANII REVIEW / DATE <i>[Signature]</i> 4/17/98 Hair, Joe C.
--	---	--

**CPSES UNIT 1
RELIEF REQUEST
C-9**

A. Item(s) for which relief is requested:

TBX-2-1110-1

Excess Letdown Heat Exchanger Head to Flange Weld

TBX-2-1180-2-2

Containment Spray Heat Exchanger Shell to Flange Weld

B. Item(s) Code Class:

2

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the weld length as described in Table IWC-2500-1, Examination Category C-A, Item No.'s C1.20 and C1.10.

D. Basis for relief:

For weld TBX-2-1110-1, interferences from the heat exchanger inlet, outlet and instrumentation nozzles and from the flange taper preclude the complete ultrasonic examination of the volume required by Fig. IWC-2500-1. Approximately 50% of the weld length did not receive the full code required examination coverage. See pages 2 through 4 for weld location and examination area configuration for weld TBX-2-1110-1.

For weld TBX-2-1180-2-2, interferences from the heat exchanger welded support pads preclude the complete ultrasonic examination of the volume required by Fig. IWC-2500-1. Approximately 27% of the weld length did not receive the full code required examination coverage. See pages 5 through 7 for weld location and examination area configuration for weld TBX-2-1180-2-2.

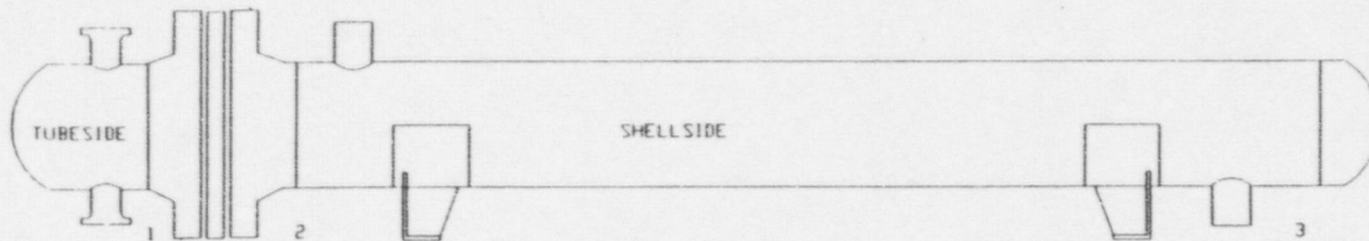
There were no recordable indications identified by the best effort volumetric examination performed on the accessible portions of the weld lengths.

E. Alternate examinations:

None

F. Anticipated impact on the overall level of plant quality and safety:

None



ILLUSTRATIVE ONLY

NOTES: TUBE SIDE: 750 / SA-240
SHELL SIDE: 322 / SA-106

DESCRIPTION: EXCESS LETDOWN HX

T/SCH:

BEP:

TU ELECTRIC
CPSES UNIT 1

INTERICE INSPECTION
LOCATION 1 DIMETIC

APPROVAL: SIGNED ORIGINAL ON FILE

FLOW III-0253

TB/ 2-1110

PE / 1

8-1-90



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO UT-88-129

PAGE 3 OF 3

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-2-1110 Rev. 1
 SYST/COMP CHEMICAL & VOLUME CONTROL PROCEDURE TX-ISI-214 Rev. 2 FC N/A
 EXAMINER Morini, George *George Morini* LEVEL II DATE 4/10/98
 EXAMINER N/A LEVEL N/A DATE _____

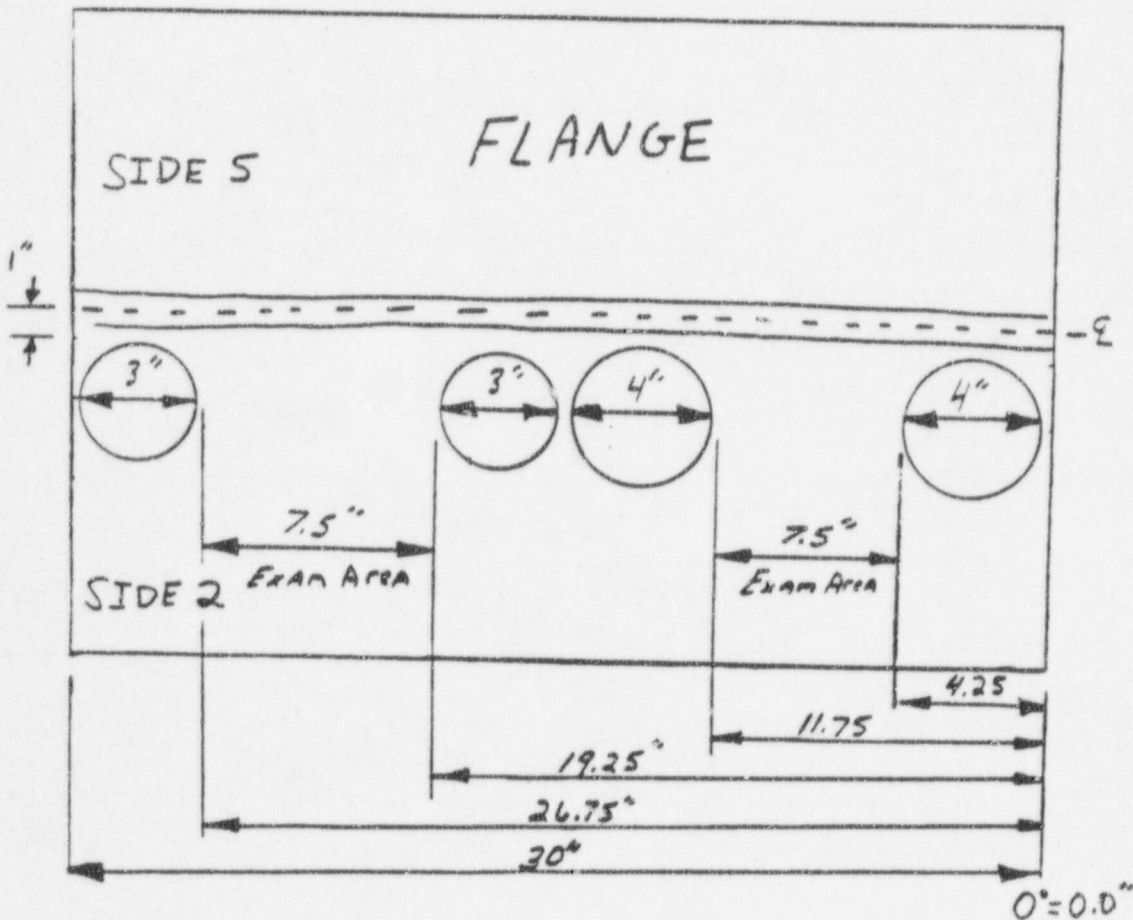
COMPONENT ID TBX-2-1110-1

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

Four nozzles located as shown below. Two 3" nozzles and two 4" nozzles on side 2. 80% not examined.



TU ELECTRIC REVIEW / DATE
John DeBonis 4/15/98
 DeBonis, John

TU ELECTRIC LEVEL III REVIEW / DATE
James Ragan 4/15/98
 Ragan, James

ANII REVIEW / DATE
Joe P. Hair 4/16/98
 Hair, Joe C.



WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

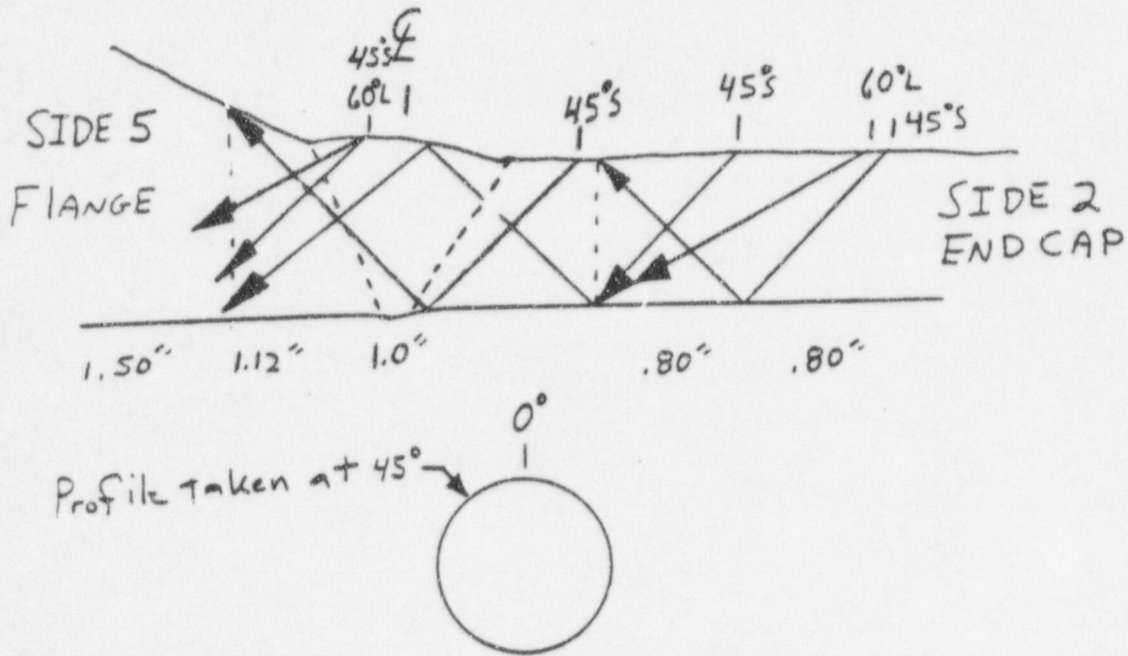
REPORT NO. UT-98-129
PAGE 2 OF 3

PROFILE OF THE EXAMINATION VOLUME

PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-2-1110 Rev. 1</u>
SYST/COMP	<u>CHEMICAL & VOLUME CONTROL</u>	PROCEDURE	<u>TX-ISI-214</u>	Rev. 2	<u>FC N/A</u>
EXAMINER	<u>Morini, George</u> <i>[Signature]</i>	LEVEL	<u>II</u>	DATE	<u>4/10/98</u>
EXAMINER	<u>N/A</u>	LEVEL	<u>N/A</u>	DATE	<u></u>

COMPONENT ID TBX-2-1110-1

COMMENTS/SKETCH/DETAILS



TU ELECTRIC REVIEW / DATE

[Signature] 4/15/98

DeBoris, John

TU ELECTRIC LEVEL III REVIEW / DATE

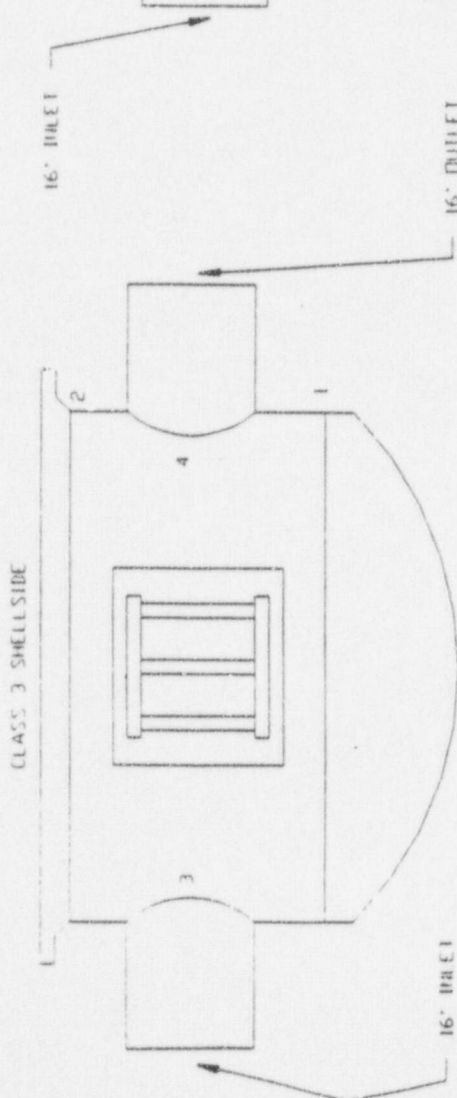
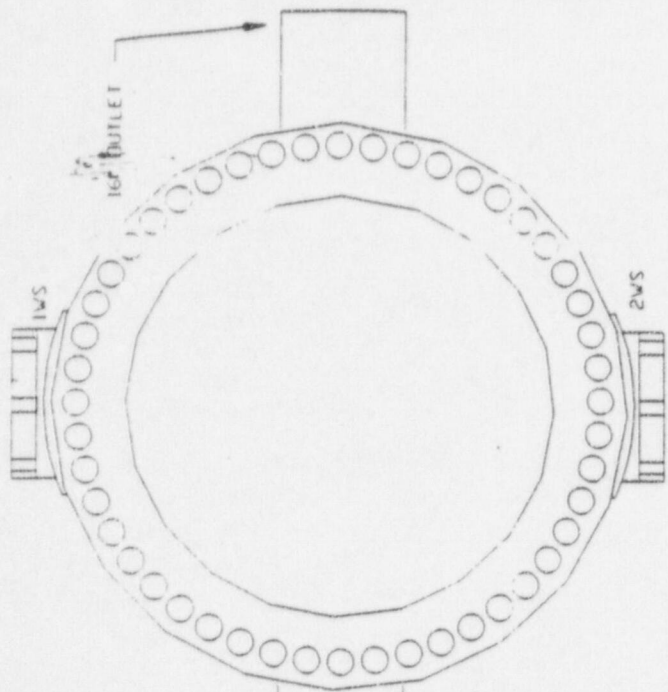
[Signature] 4/15/98

Ragan, James

ANII REVIEW / DATE

Hair, Joe C.

[Signature] 4/16/98



ILLUSTRATIVE DRY

NOTES: MATERIAL IS SA-240 NOZZLE SA-358. HEAD 500 SHELL 625 THICKNESS PRECEDES WELD IDENTIFICATION	RECEIPT/CONTAINMENT SPRAY MIX T-CH PFI UDS 11-00-00	TU ELECTRIC 11/25/81 11/25/81 11/25/81
AFFIDAVIT SUBJECT IDENTIFIED	11/25/81	11/25/81

REPORT NO. UT-88-023
PAGE 3 OF 3

WESTINGHOUSE NUCLEAR SERVICES DIVISION

LIMITATION TO EXAMINATION

PLANT Comanche Peak UNIT 1 SKETCH TBX-2-1180 Rev. 1
 SYST/COMP CONTAINMENT SPRAY PROCEDURE TX-451-214 Rev. 2 FC N/A
 EXAMINER Williams, Mark LEVEL II DATE 3/20/98
 EXAMINER N/A LEVEL N/A DATE _____

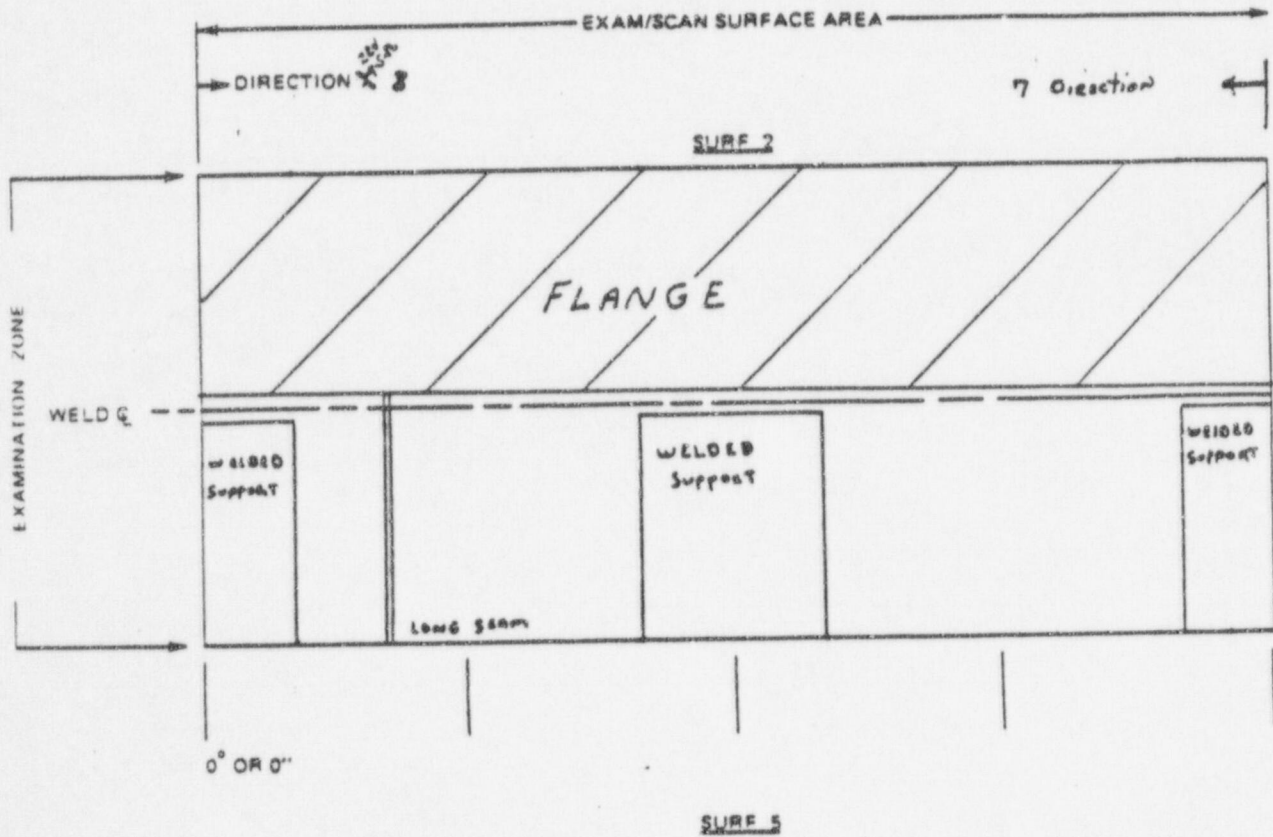
COMPONENT ID TBX-2-1180-2-2

RELATED TO MT PT UT VT

PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

27% of weld volume not examined.



TU ELECTRIC REVIEW / DATE <i>John DeBoris</i> 3/31/98 DeBoris, John	TU ELECTRIC LEVEL III REVIEW / DATE <i>James Ragan</i> 4/1/98 Ragan, James	ANII REVIEW / DATE Joe C. Hair, ANII <i>Joe C. Hair</i> 4/1/98
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WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

REPORT NO UT-98-023

PAGE 2 OF 2

PROFILE OF THE EXAMINATION VOLUME

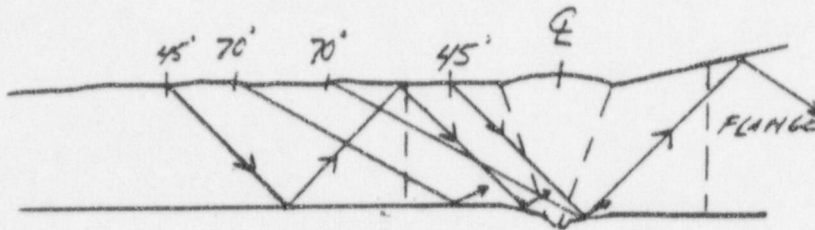
PLANT	<u>Comanche Peak</u>	UNIT	<u>1</u>	SKETCH	<u>TBX-2-1180 Rev. 1</u>
SYST/COMP	<u>CONTAINMENT SPRAY</u>	PROCEDURE	<u>TX-4SI-214</u>	Rev. 2	<u>FC N/A</u>
EXAMINER	<u>Williams, Mark</u> <i>[Signature]</i>	LEVEL	<u>II</u>	DATE	<u>3/20/98</u>
EXAMINER	<u>N/A</u>	LEVEL	<u>N/A</u>	DATE	<u></u>

COMPONENT ID TBX-2-1180-2-2

COMMENTS/SKETCH/DETAILS

2 SIDE

5 SIDE



.64 .64 .80 .70

TU ELECTRIC REVIEW / DATE

Jul Boni 3/3/98

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan 4/1/98

ANII REVIEW / DATE

Joe P. Hair 4/2/98

ISI-1R5-01

Section 4, pgs. 10, 35, 36, 39, 51, 55,
74, 75, 94, 98, 109, 109.1, 115, 156,
167, 168, 186, 187, 198, 205, 208, 214,
220, 233, 234, 235, 240, 247 and 250.
Appendix A, Index and Relief Requests
B-6 Rev. 2, B-7 Rev. 2, B-12, B-13,
B-14 and C-9. Appendix B page 4.

Change Calibration blocks. Add, delete
and reschedule examination items. Add
relief requests.

ACTIVITY SCREEN

I. Activity (include the number and revision of the document(s) being screened and a brief description)

Unit 1 Inservice Inspection (ISI) Plan revision 5 Interim Change Request No. ICR ISI-1R5-01.
Update Plan per 1RF06 outage implementation.

II. Screening Questions (Recommend using the <u>10CFR50.59 REVIEW GUIDE</u>)	YES	NO
1. Will implementation of the proposed activity result in a test or experiment not described in the Licensing Basis Documents?	_____	_____ <u>X</u>
2. Will implementation of the proposed activity change the facility as described in the Licensing Basis Documents?	_____	_____ <u>X</u>
3. Will implementation of the proposed activity change the procedures as described in the Licensing Basis Documents?	_____	_____ <u>X</u>
4. Will implementation of the proposed activity involve a change to the Technical Specifications?	_____	_____ <u>X</u>
5. Will Implementation of the proposed activity involve a change to the following LBDs: QA, Security, or Emergency Plan/Program?	_____	_____ <u>X</u>

III. If question 1,2 or 3 is answered YES, SE# _____ or CMCE # _____ ; and/or if question 4 answered YES, then process a Technical Specification Change per STA-120; and/or if question 5 is answered YES, then a 50.54 assesment is required as discussed below. **NOTE: Evaluation/assessment criteria listed on reverse side.**

50.54(a) QA Program (NOTE: SE also required)	YES ___ (STA-116)	NO <u>X</u>
50.54(p) Security Plans	YES ___ (STA-119)	NO <u>X</u>
50.54(q) Emergency Plan	YES ___ (STA-119)	NO <u>X</u>

IV. List the documents (Licensing Basis/technical/commitments/other) reviewed, including section or page numbers where relevant information was found. **NOTE: Licensing Basis Documents and search methods are listed on the reverse side.**

Tech Spec 4.0.5
FSAR Sect. 5.4 & 6.6
ISI CDF's

Continued

V. If the conclusion of the screen is that a Safety Evaluation is not required, then provide an overall justification for that determination. The 10CFR50.59 Review Guide should be consulted for the justification.

See attached continuation sheet.

VI. Review and Approval

Preparer: J. DeBonis
(Print and Sign)

J. DeBonis

Date: Jul/17/1998

Continued

Reviewer:
(Print and Sign)

R. B. Mays

Date: 7-20-98

ACTIVITY SCREEN

I. Activity

ICR ISI-1R5-01

V. Conclusion

Implementation of 1RF06 ISI activities has identified several examination items that required correction, that have had calibration block changes, that have been rescheduled or that require relief requests. The relief requests require separate NRC approval and are not considered implemented until that approval is obtained. The other changes made by ICR ISI-1R5-01 maintain ISI Plan compliance with the ASME Code requirements for sample percentages, schedules and examination methods. With the exception of the ISI Plan itself, the other LBD's do not contain the level of detail addressed by this ICR. No unreviewed safety questions have been created. A safety evaluation is not required.