TXU Electric
Comanche Peak
Steam Electric Station
P.O. Box 1002
Glen Rose, TX 76043
Tel: 254 897 8920
Fax: 254 897 6652
lterry1@txu.com

C. Lance Terry
Senior Vice President & Principal Nuclear Officer

Ref. #10CFR50.55a(g)(5)(iii)

CPSES-200100347
Log # TXX-01024
File # 10010.1
905.2 (clo)

February 2, 2001

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNIT 2
DOCKET NO. 50-446
RELIEF REQUESTS FOR UNIT 2 INSERVICE INSPECTION PROGRAM
(1986 EDITION OF ASME CODE, SECTION XI, NO ADDENDA; UNIT 2 INTERVAL DATES: AUGUST 3, 1993 - AUGUST 3, 2003, FIRST INTERVAL)

REF: 1) TXU Electric Letter, logged TXX-95042, from Mr. C. L. Terry To the NRC dated March 6, 1995

2) TXU Electric Letter, logged TXX-98058 from Mr. C. L. Terry To the NRC dated March 5, 1998

This transmittal submits relief requests B-1 Revision 1, B-5 Revision 1 and C-5 (Attachments 1 through 3 respectively) for your approval.

Relief request B-1 Revision 0, was submitted by TXU Electric via Reference 1 and was approved via NRC letter NRR-9156 dated December 28, 1995. Relief request B-5 Revision 0, was submitted by TXU Electric via Reference 2 and was approved via NRC letter NRR-9731 dated February 3, 1999.

A047

TXU Electric
P.O. Box 1002
Glen Rose, TX 76043

There are no new licensing based commitments in the communication. Should you have additional questions, please contact Obaid Bhatty at 254-897-5839.

Sincerely,

C. L. Terry

By: _____
D. R. Woodlan
Docket Licensing Manager

OAB/oab

Attachments

cc: E. W. Merschoff, Region IV
J. I. Tapia, Region IV
D. H. Jaffe, NRR
Resident Inspectors, CPSES
G. Bynog, TDLR

CPSES UNIT 2
RELIEF REQUEST
B-1
REVISION 1

A. Item for which relief is requested:

TCX-1-1300-1
TCX-1-1300-2
Reactor Vessel Closure Head
Head to Flange and Ring to Disc Welds

B. Item 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 Nos. B1.40 and B1.21.

D. Basis for relief:

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

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

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

Best effort examinations were performed. 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 99% of the examination volume of TCX-1-1300-1 and for 97% of the examination volume of TCX-1-1300-2.

See pages 3 through 9 for weld locations and surface configurations.

CPSES UNIT 2
RELIEF REQUEST
B-1
REVISION 1 (continued)

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

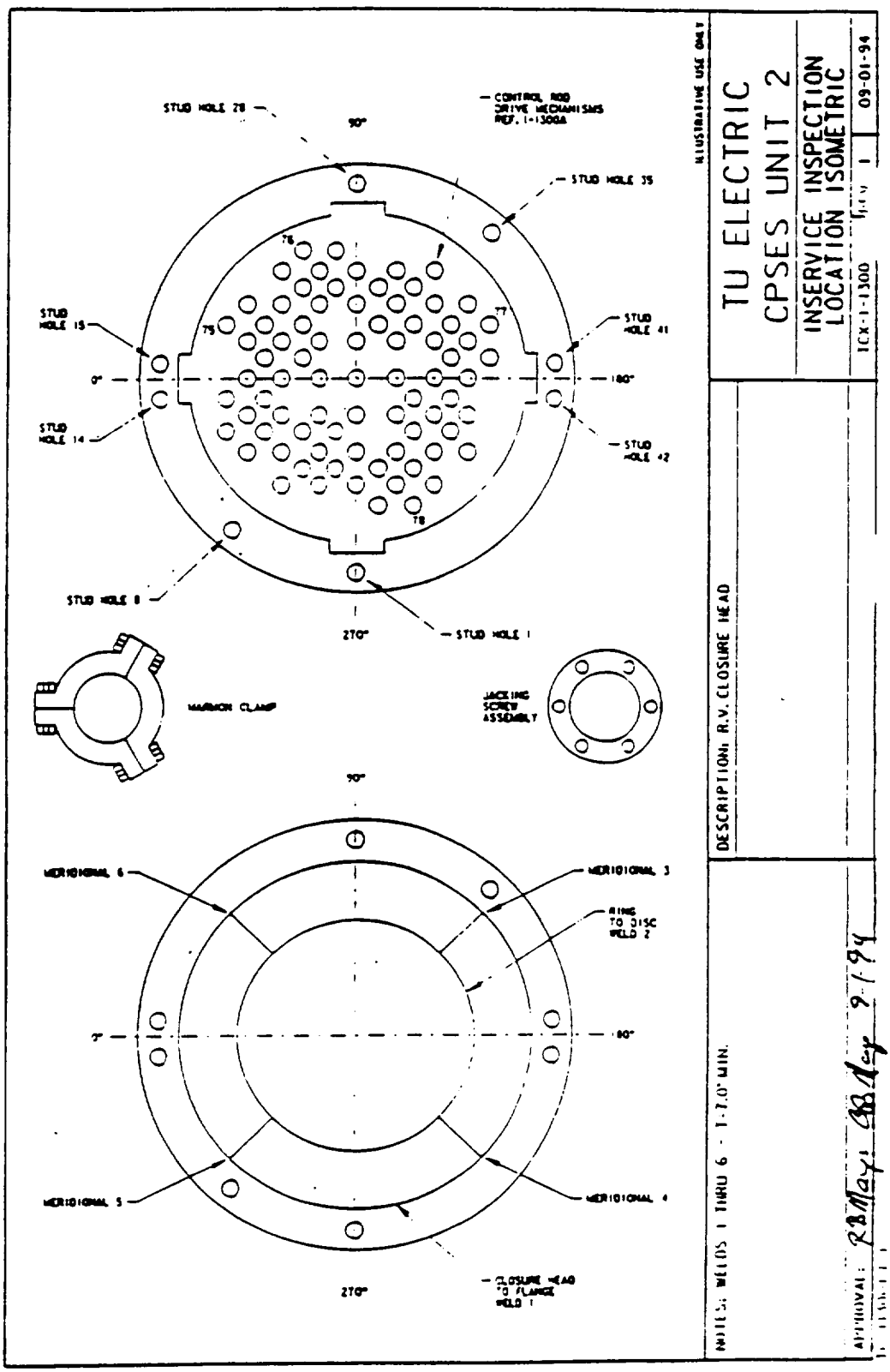
E. Alternate examinations:

None

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

None

CPSES UNIT 2 - RELIEF REQUEST B-1 REVISION 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-1 REVISION 1 (continued)

WESTINGHOUSE NUCLEAR SERVICE DIVISION
INSPECTION SERVICES

LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT NO. 2 SKETCH TCX-1-1300 REV. 1

SYST./COMP. R. V. CLOSURE HEAD PROCEDURE TX-ISI-210 REV. 2

EXAMINER [signature] DATE 10-18-94

ANII Reviewed [signature] 10/31/94

RELATED TO: UT X PT ____ MT ____ VT ____ IDENT. NO. 1, 2 & 8

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

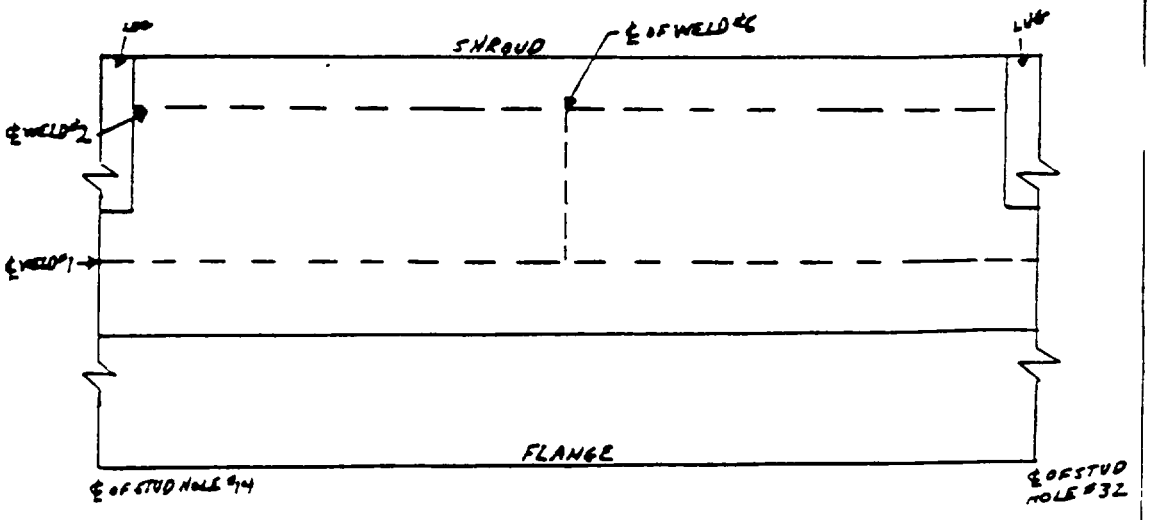
WELD # 1

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

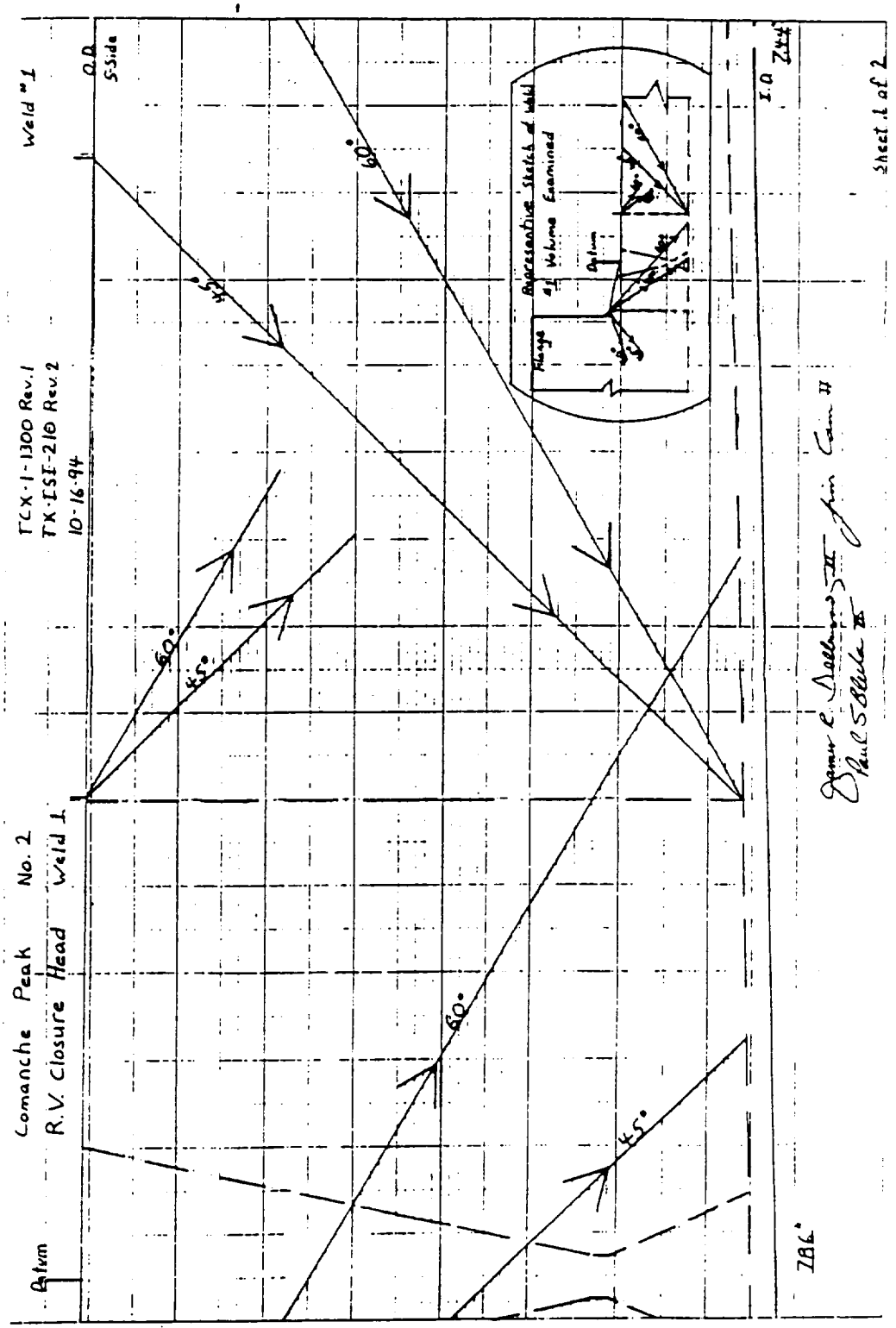
WELD # 2

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

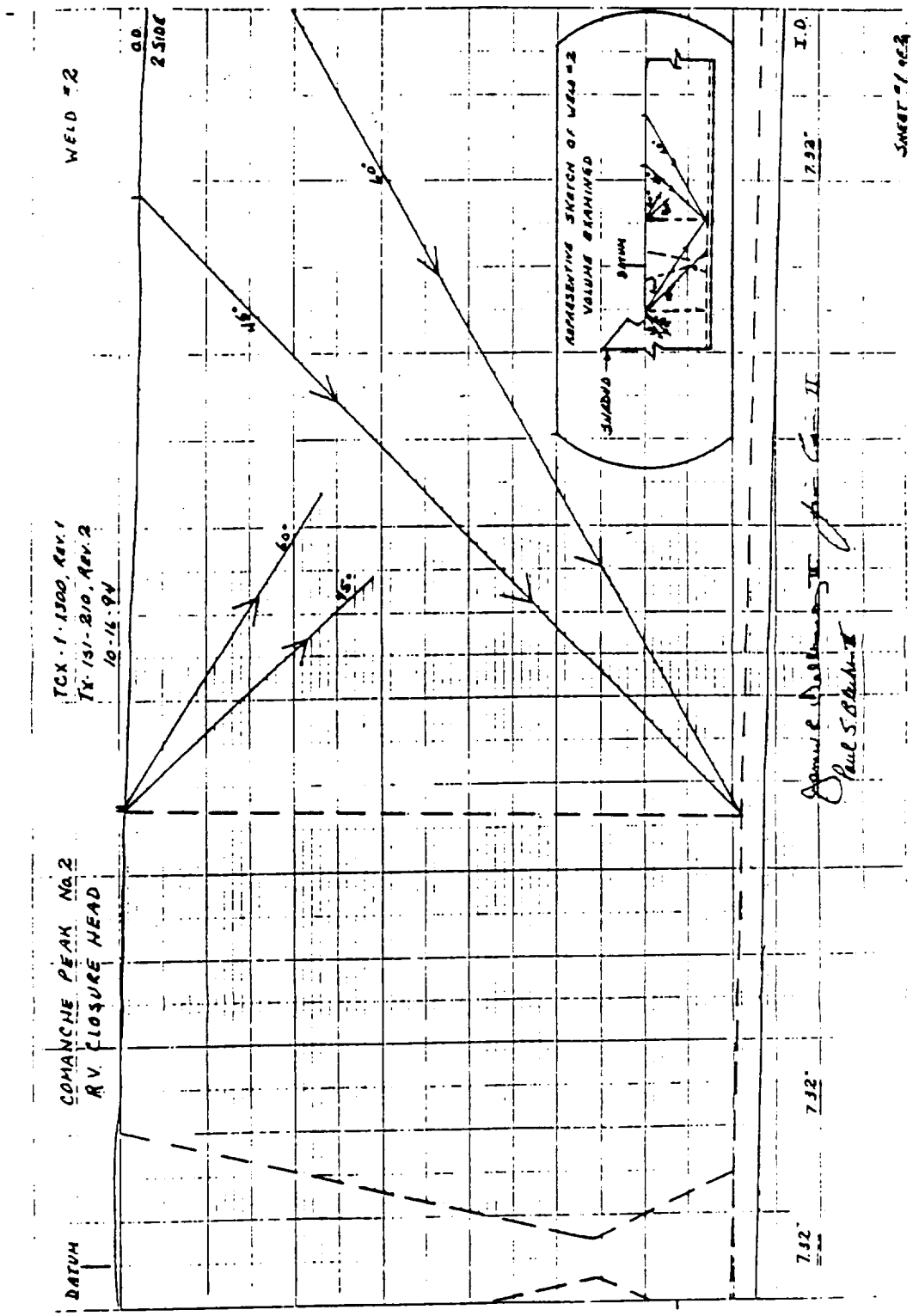
SEE WELD PROFILE SHEETS.



CPSES UNIT 2 - RELIEF REQUEST B-1 REVISION 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-1 REVISION 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-1 REVISION 1 (continued)

WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-00-028

PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT	Comanche Peak	UNIT	2	SKETCH	TCX-1-1300
SYST/COMP	REACTOR COOLANT			PROCEDURE	TX-ISI-210 Rev. 4 FC N/A
EXAMINER	Erickson, Scott Scott R. Erickson	LEVEL	II	DATE	10/8/2000
EXAMINER	N/A	LEVEL	N/A	DATE	

COMPONENT ID TCX-1-1300-1 TCX-1-1300-2

RELATED TO ○ MT ○ PT ● UT ○ VT

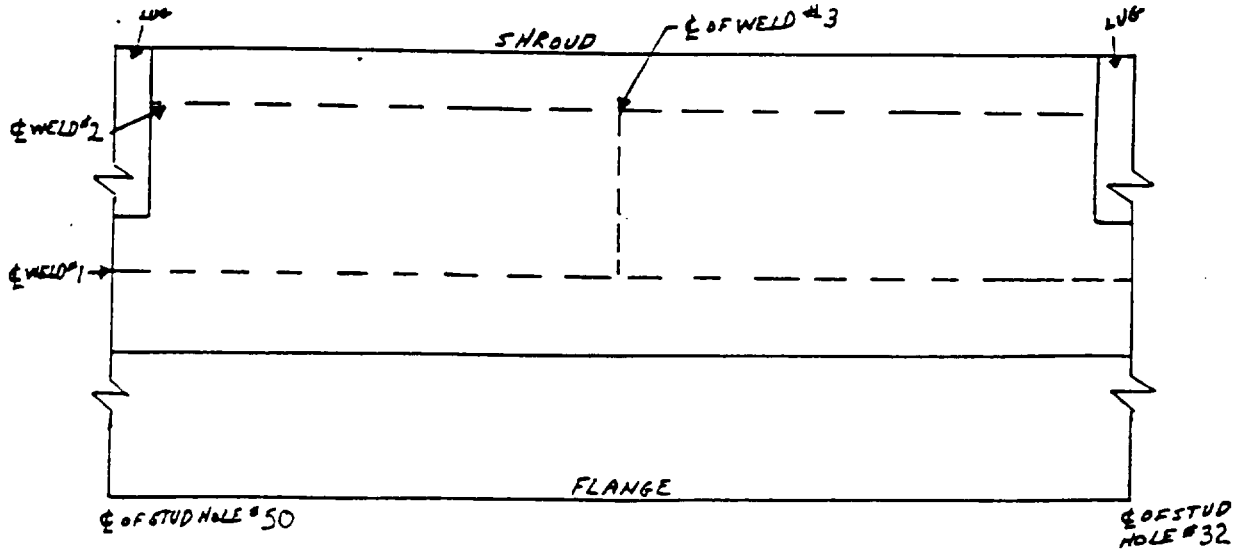
PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

TCX-1-1300-1: 15% of required volume not examined. 99% examined with 45° and 60° in at least one direction. 8% of required volume not examined with 45° and 15% of required volume not examined with 60°.

TCX-1-1300-2: 17% of required volume not examined. 97% examined with 45° and 60° in at least one direction. 11% of required volume not examined with 45° and 17% of required volume not examined with 60°.

SEE WELD PROFILE SHEETS.



TU ELECTRIC REVIEW / DATE	TU ELECTRIC LEVEL III REVIEW / DATE	ANII REVIEW / DATE
Paul N Bamburger 10-9-00	J. Ragan 10/13/00	Lee C. Hair 10/13/00

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

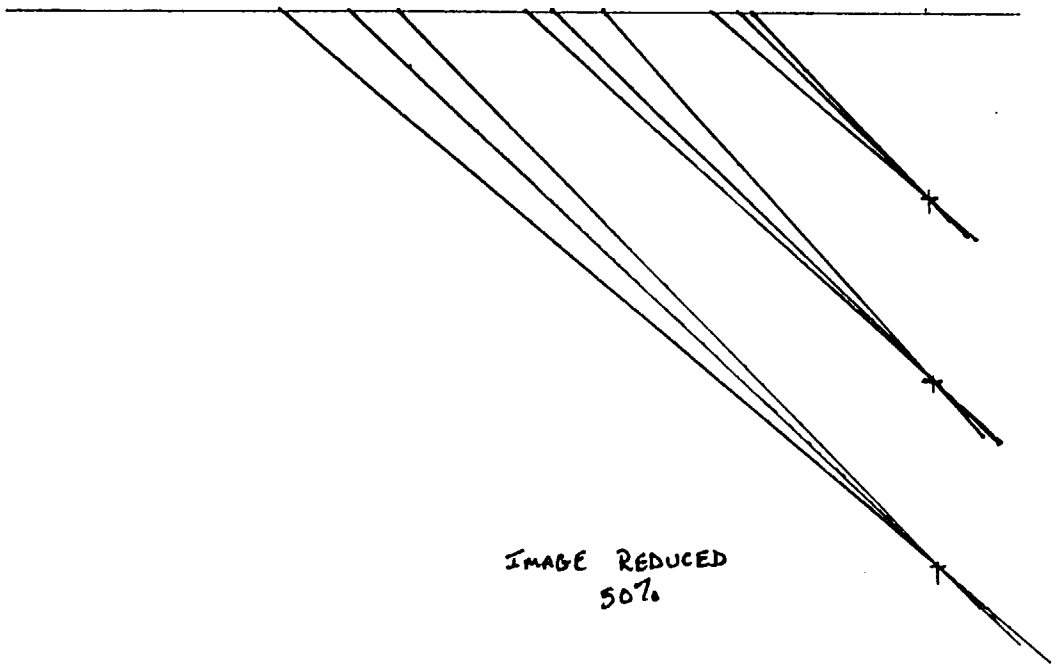
REPORT NO. BS-00003

PAGE 1 OF 1

BEAM SPREAD

PLANT	Comanche Peak	UNIT	2	SKETCH	N/A
SYST/COMP	RC			PROCEDURE	TX-ISI-210 Rev. 4 FC N/A
EXAMINER	Erickson, Scott Scott R. Erickson	LEVEL	II	DATE	10/8/2000
EXAMINER	N/A	LEVEL	N/A	DATE	
TRANSDUCER S/N	009Y45	ANGLE	45°	CAL. BLOCK	TBX-29
SIZE	.5"x1"	FREQUENCY	2.25 MHz	THICKNESS	8.6

COMMENTS/SKETCH/DETAILS



TU ELECTRIC REVIEW / DATE	TU ELECTRIC LEVEL III REVIEW / DATE	ANII REVIEW / DATE
Paul M Brandyge 10-9-00	J. Ragan 10/13/00	Joe C. Hair 10/13/00

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

REPORT NO. BS-00004
PAGE 1 OF 1

BEAM SPREAD

PLANT Comanche Peak UNIT 2 SKETCH N/A

SYST/COMP RC PROCEDURE TX-ISI-210 Rev. 4 FC N/A

EXAMINER Erickson, Scott Scott R. Erickson LEVEL II DATE 10/8/2000

EXAMINER N/A LEVEL N/A DATE

TRANSDUCER S/N 009Y81 ANGLE 60° CAL. BLOCK TBX-29

SIZE .5"x1" FREQUENCY 2.25 MHz THICKNESS 8.6

COMMENTS/SKETCH/DETAILS

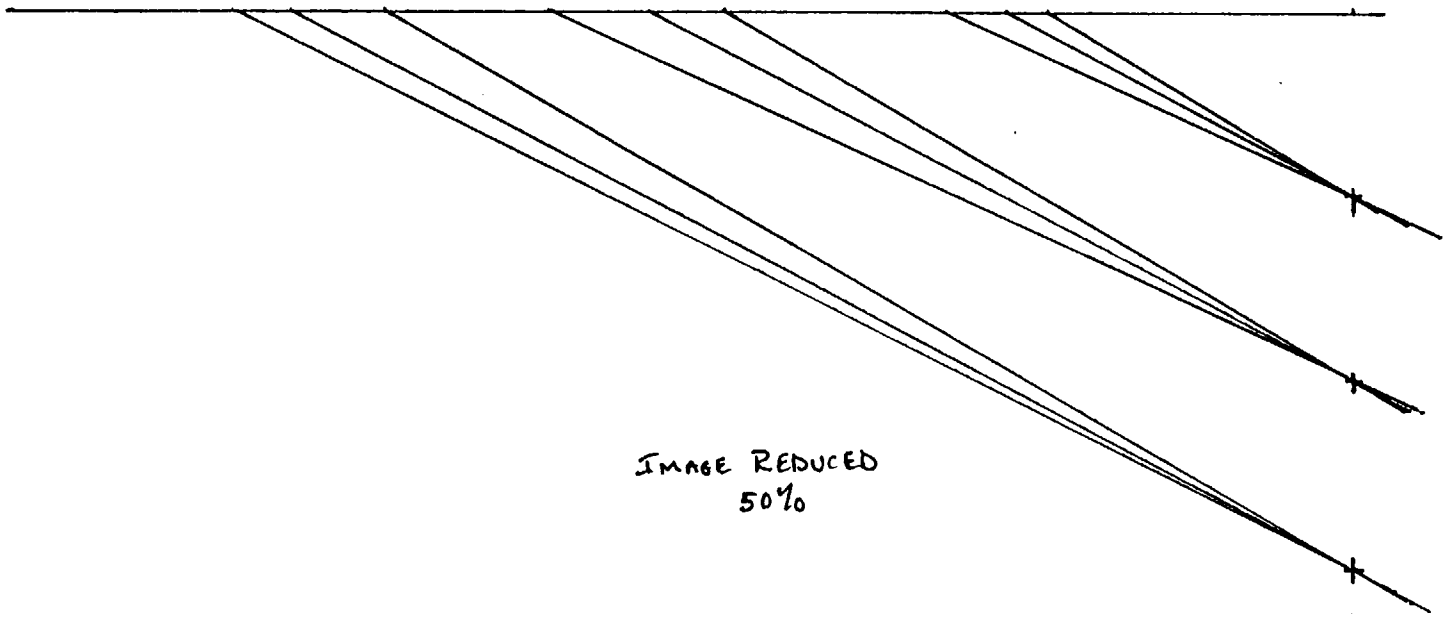
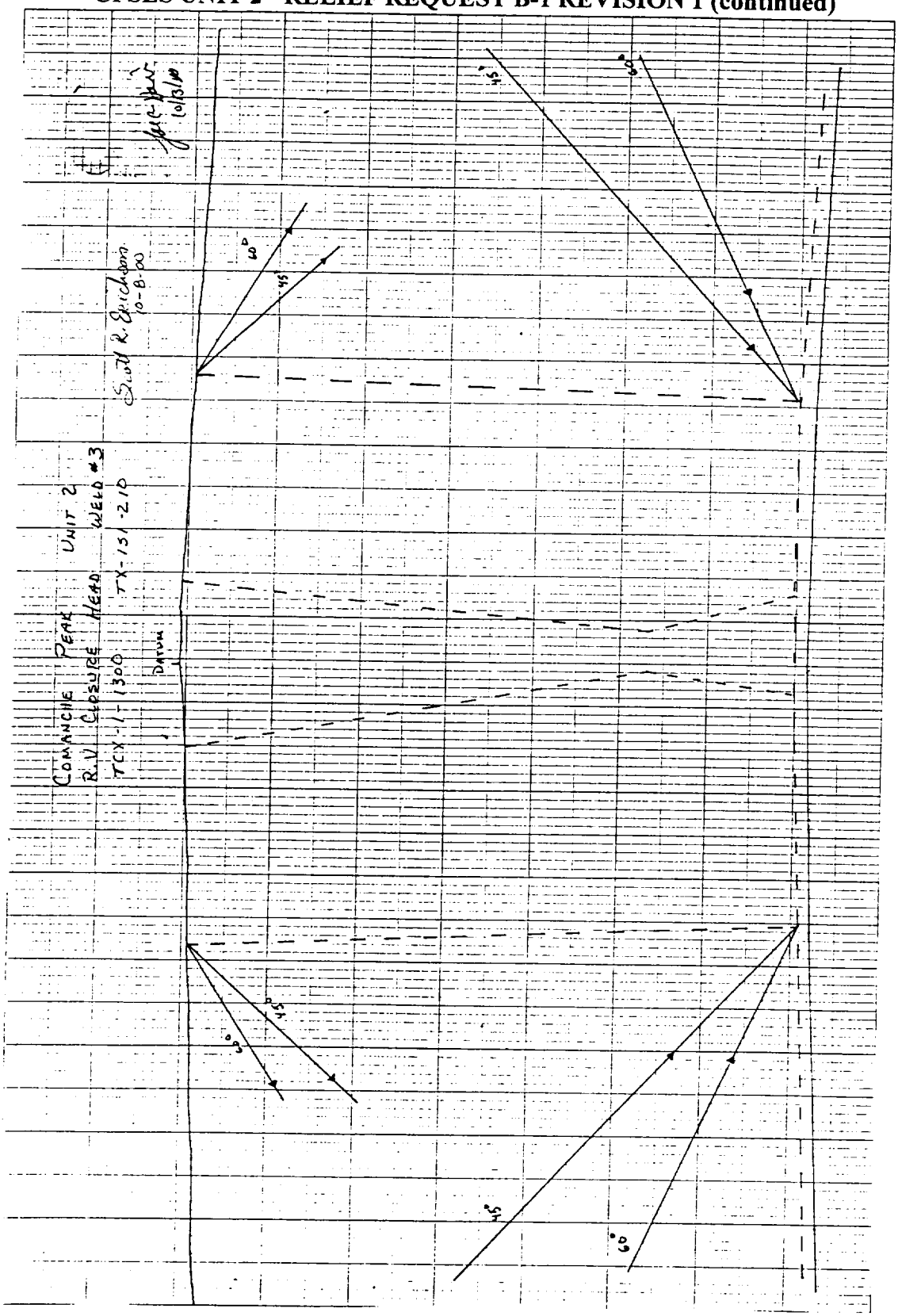


IMAGE REDUCED
50%

TU ELECTRIC REVIEW / DATE	TU ELECTRIC LEVEL III REVIEW / DATE	ANII REVIEW / DATE
Paul M Bundy 10-9-00	J. Ragan 10/13/00	Joe C. Hair 10/13/00

CPSES UNIT 2 - RELIEF REQUEST B-1 REVISION 1 (continued)



CPSES UNIT 2
RELIEF REQUEST
B-5
Revision 1

A. Item for which relief is requested:

TCX-1-3100-2-1, TCX-1-3100-1-1
Steam generator tubesheet-to-channel head welds

B. Item Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the steam generator tubesheet-to-channel head weld 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:

Interferences from the steam generator tubesheet flange (or support collar) configuration and from welded insulation support pads preclude the complete ultrasonic examination of the volume required by Fig. IWB-2500-6.

Approximately 31% of the examination volume of weld TCX-1-3100-2-1 did not receive the full code required coverage. See pages 2 through 5 for weld location and examination area configurations.

Approximately 31% of the examination volume of weld TCX-1-3100-1-1 did not receive the full code required examination coverage. Refer to pages 6 through 10 for weld location and examination area configurations.

CPSES UNIT 2
RELIEF REQUEST
B-5
Revision 1 (continued)

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

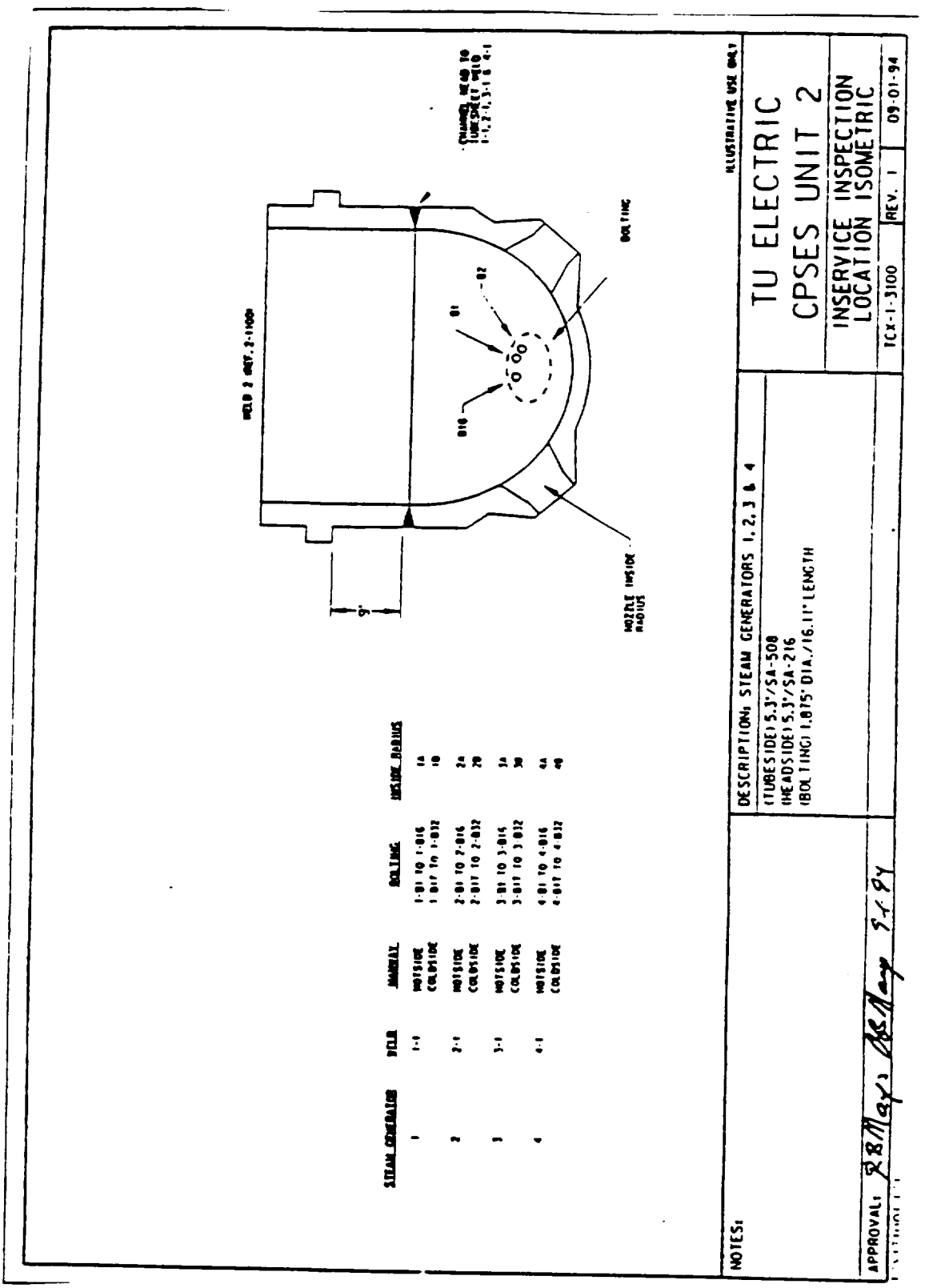
E. Substitute examinations:

None

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

None

CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)

WESTINGHOUSE NUCLEAR SERVICES DIVISION

LIMITATION TO EXAMINATION

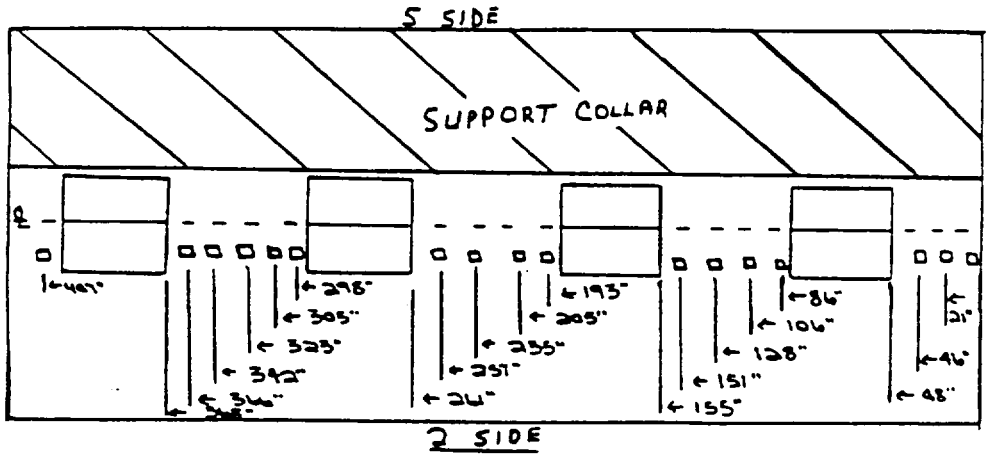
PLANT COMANCHE PEAK UNIT 2 SKETCH TCX-1-3100 REV 1

SYST./COMP. STEAM GENERATOR 2 PROCEDURE TX-ISI-210 REV 4

EXAMINER [signature] DATE 11-18-97

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

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

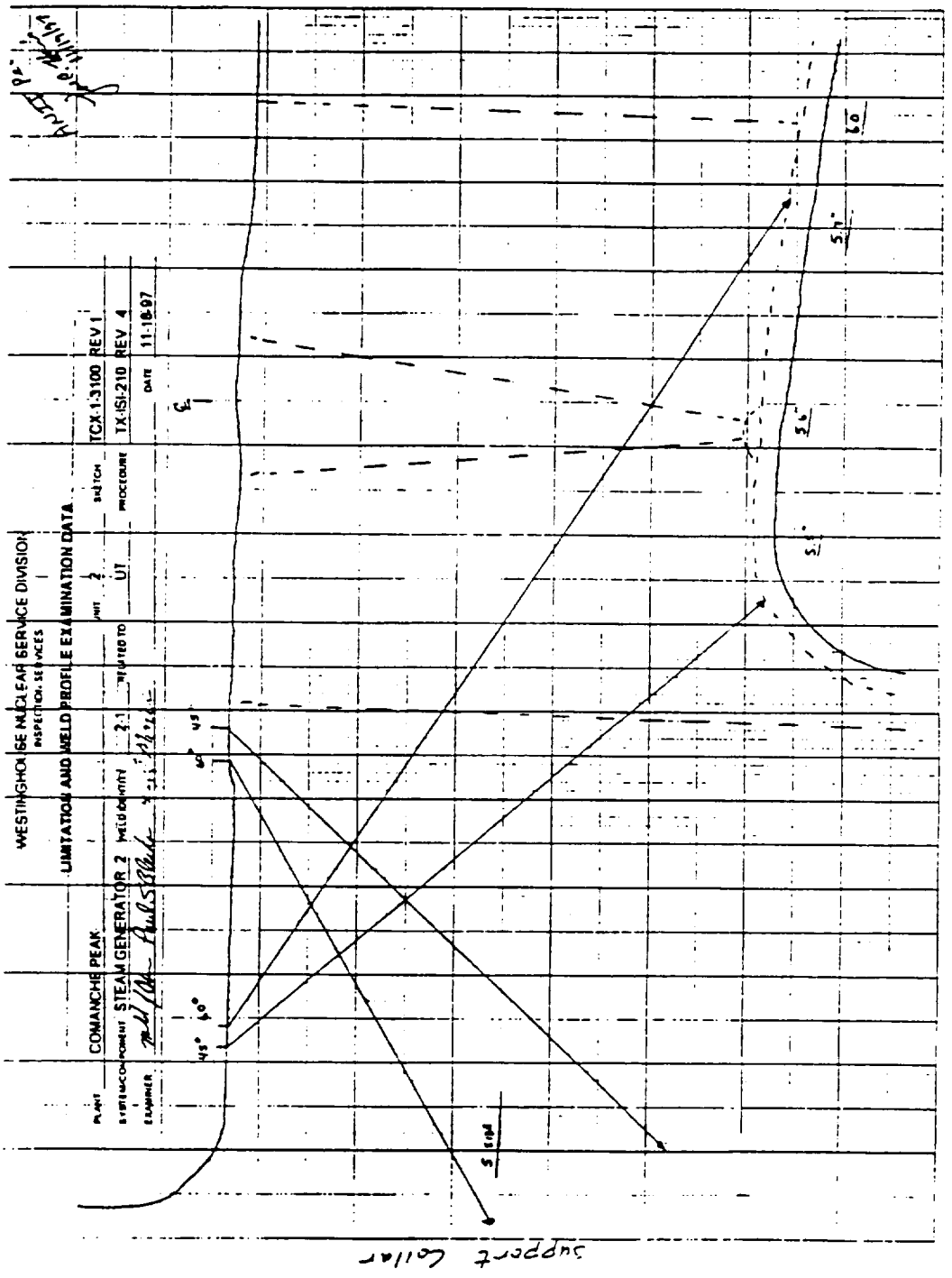


FOUR 24" X 24" SUPPORT PADS RESTRICTES ALL SCAN FOR 22%
SEVENTEEN 2.5" X 2.5" WELDED PADS APPROXIMATELY 7" FROM THE CENTERLINE LIMITS 60° SCAN
SUPPORT COLLAR LIMITS 60° SCAN
0° - 22% NOT EXAMINED
45° - 22% NOT EXAMINED
60° - 31% NOT EXAMINED
31% OF REQUIRED EXAMINATION VOLUME NOT EXAMINED

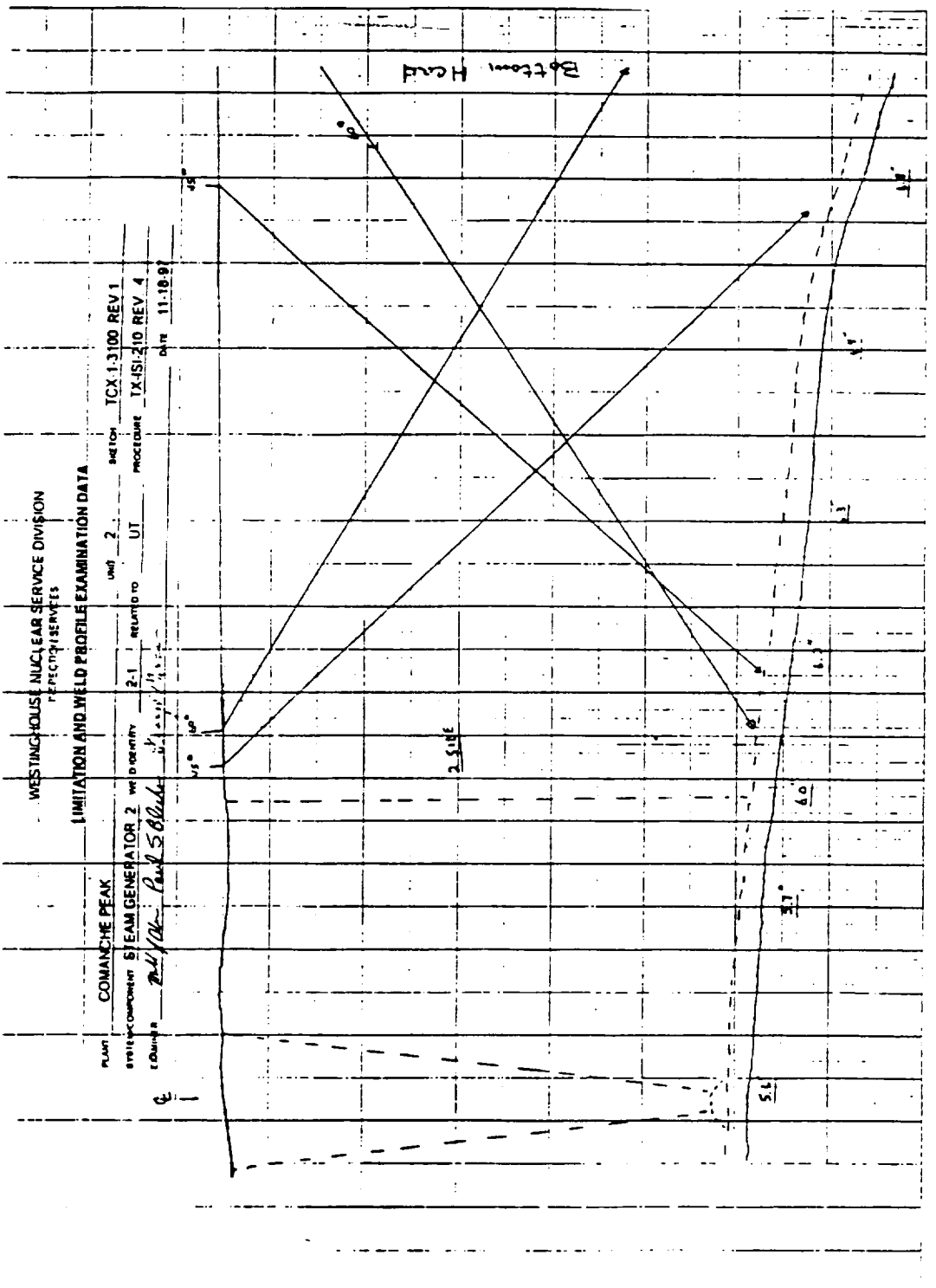
SEE LIMITATION AND WELD PROFILE EXAMINATION DATA SHEET

ANII Reviewed [signature] 11/19/97

CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)

WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-00-021
PAGE 2 OF 2

LIMITATION TO EXAMINATION

PLANT	Comanche Peak	UNIT	2	SKETCH	TCX-1-3100
SYST/COMP	REACTOR COOLANT			PROCEDURE	TX-ISI-210 Rev. 4 FC N/A
EXAMINER	Mixon, W. Andrew	LEVEL	II	DATE	10/5/2000
EXAMINER	Holasek, Wade	LEVEL	III	DATE	10/5/2000

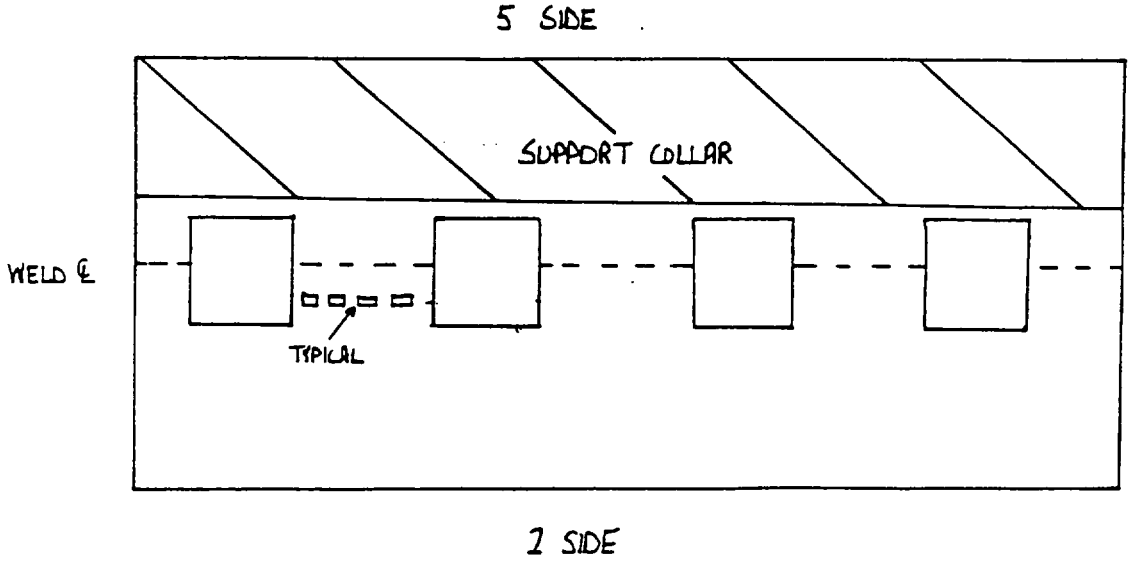
COMPONENT ID TCX-1-3100-1-1

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	TU ELECTRIC LEVEL III REVIEW / DATE	ANII REVIEW / DATE
Paul M Ramsey 10-9-00	J. Ragan 10/12/00	Joe C. Hair 10/13/00

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

BEAM SPREAD

REPORT NO. BS-00001
PAGE 1 OF 1

PLANT: Comanche Peak — UNIT: 2 — SKETCH: N/A
SYST/COMP: N/A — PROCEDURE: TX-ISI-210 Rev. 4 FC N/A
EXAMINER: Erickson, Scott Scott R. Erickson — LEVEL: II — DATE: 10/4/2000
EXAMINER: Musgrave, Larry Larry M. Musgrave — LEVEL: II — DATE: 10/4/2000
TRANSDUCER S/N: 009Y81 — ANGLE: 60° — CAL. BLOCK: TBX-28
SIZE: .5"x1" — FREQUENCY: 2.25 MHz — THICKNESS: 5.45

COMMENTS/SKETCH/DETAILS

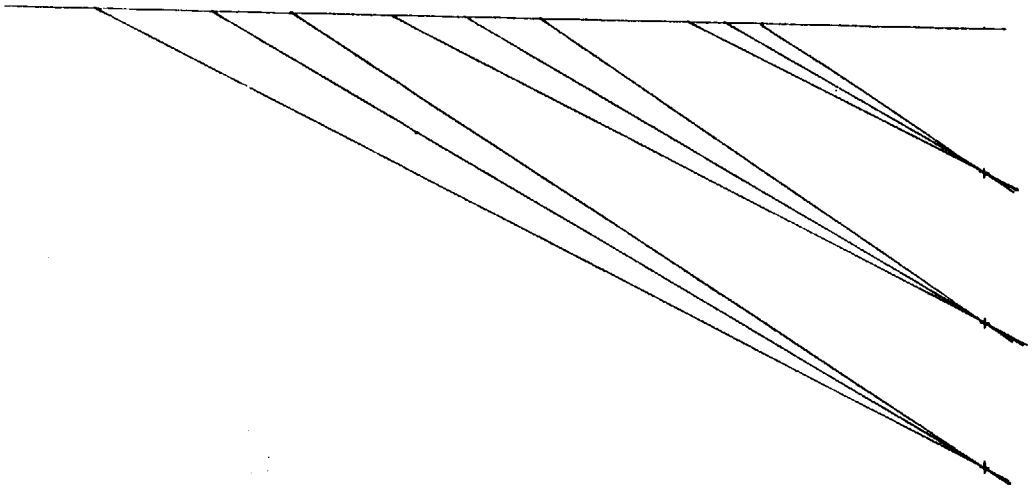


IMAGE REDUCED 64%

TU ELECTRIC REVIEW / DATE: Paul M Ramsey 10-9-00

TU ELECTRIC LEVEL III REVIEW / DATE: J. Ragan 10/12/00

ANII REVIEW / DATE: Joe C. Hair 10/13/00

CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)

CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)

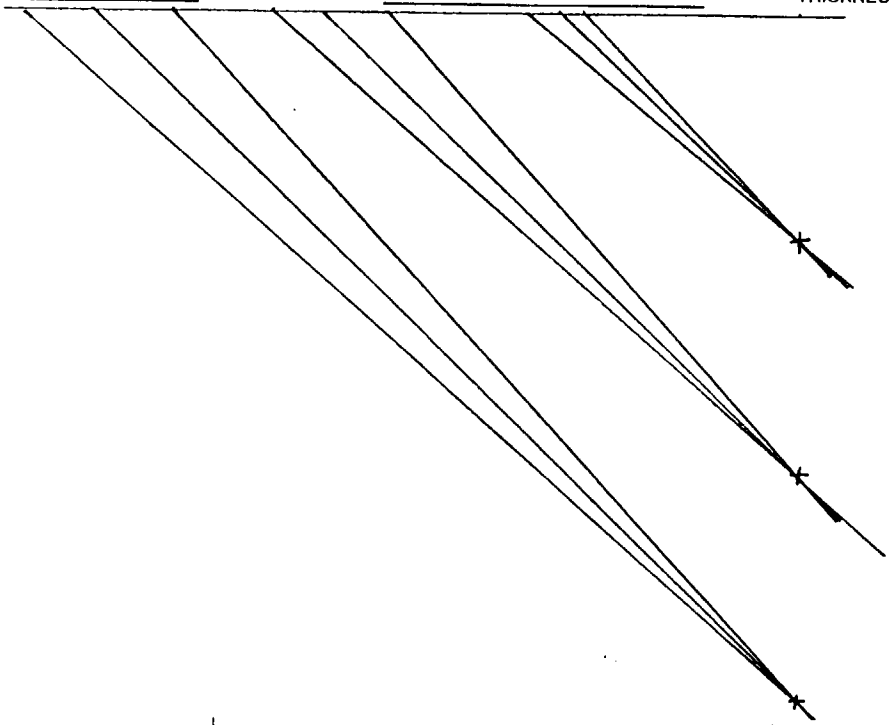
WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICES

BEAM SPREAD

REPORT NO. BS-00002
PAGE 1 OF 1

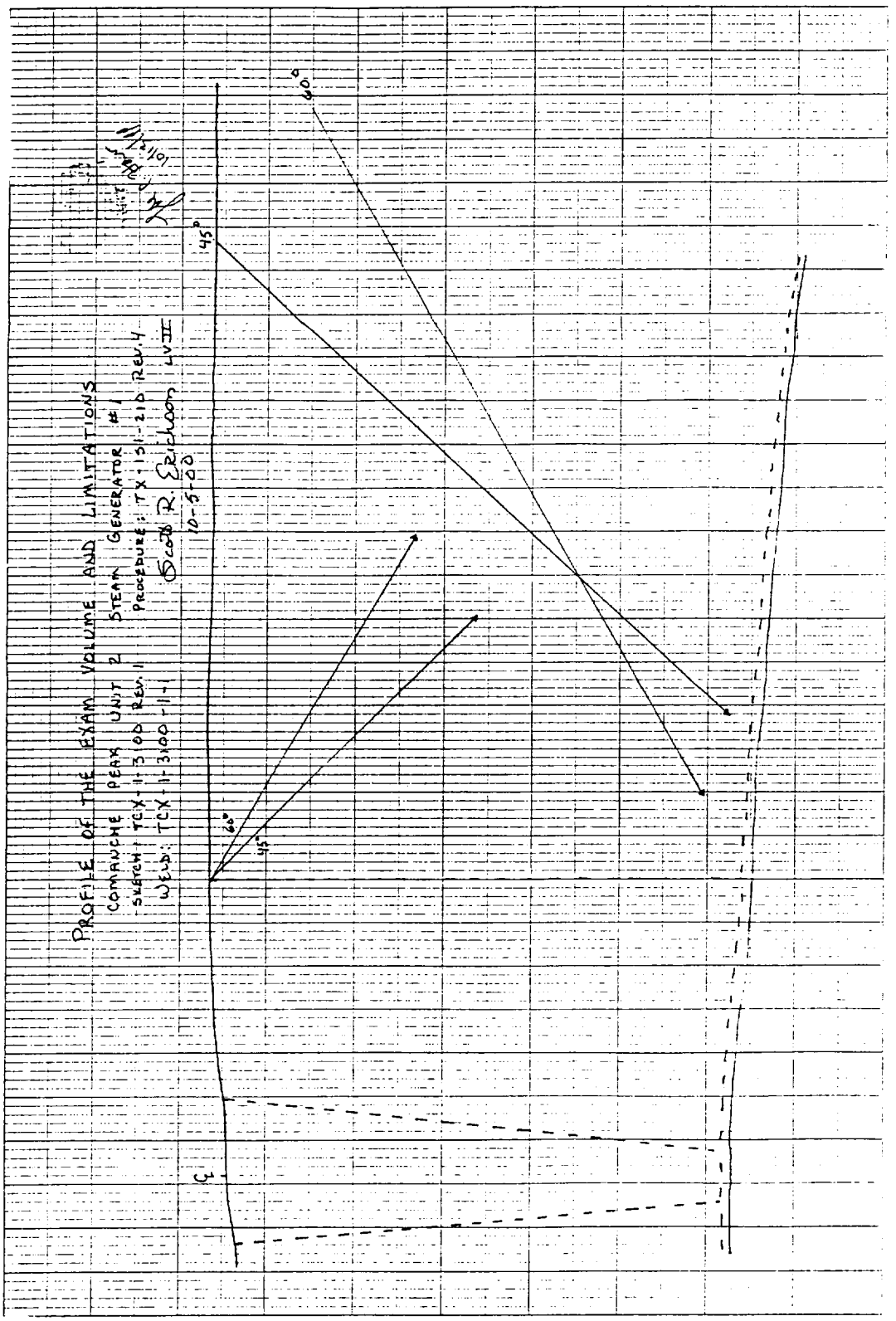
PLANT	Comanche Peak	UNIT	2	SKETCH	N/A
SYST/COMP	N/A			PROCEDURE	TX-ISI-210 Rev. 4 FC N/A
EXAMINER	Erickson, Scott Scott R. Erickson	LEVEL	II	DATE	10/4/2000
EXAMINER	Musgrave, Larry Larry M. Musgrave	LEVEL	II	DATE	10/4/2000
TRANSDUCER S/N	009Y45	ANGLE	45°	CAL. BLOCK	TBX-28
SIZE	.5"x1"	FREQUENCY	2.25 MHz	THICKNESS	5.45

COMMENTS/SKETCH/DETAILS

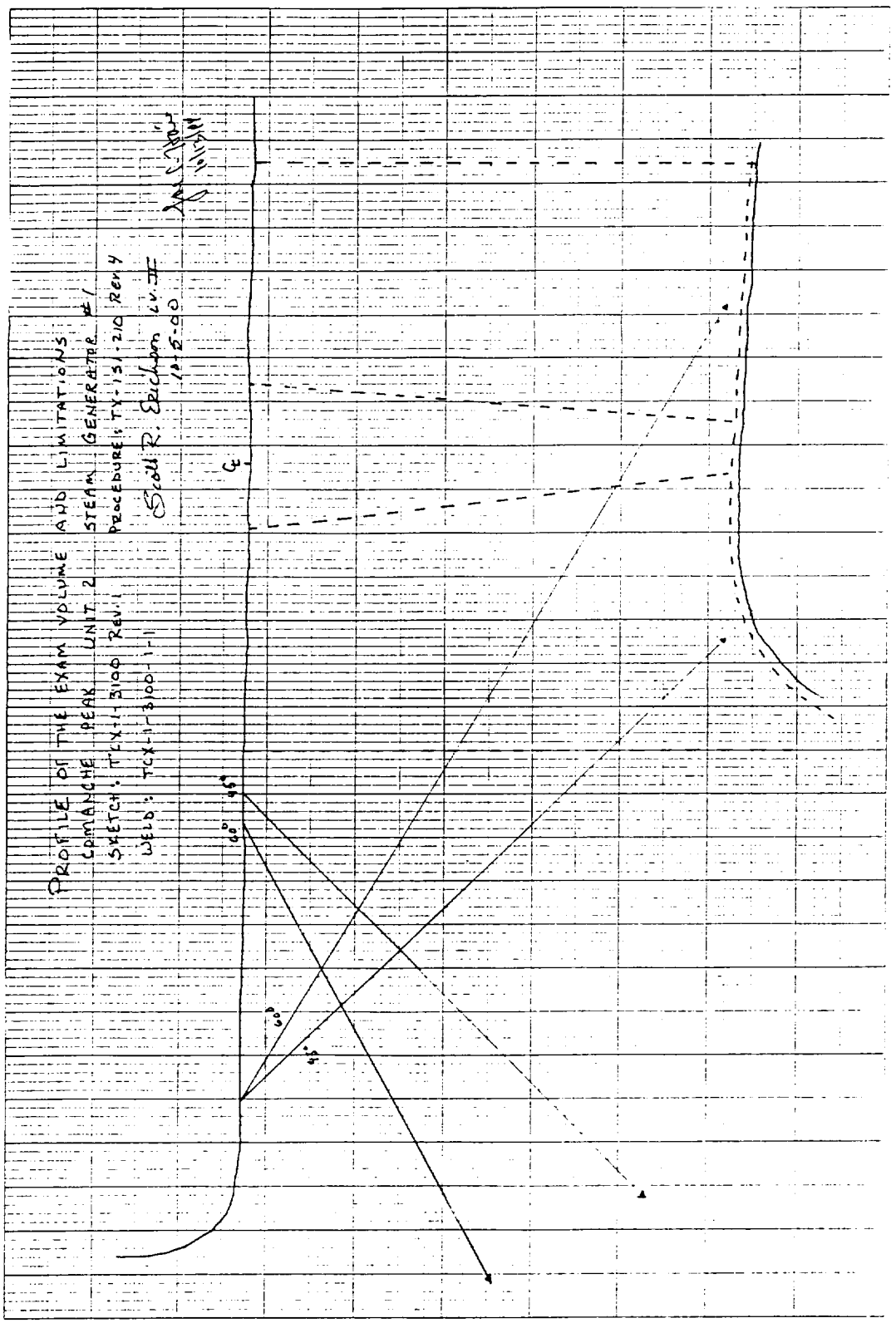


TU ELECTRIC REVIEW / DATE	TU ELECTRIC LEVEL III REVIEW / DATE	ANII REVIEW / DATE
Paul M. Pamerleau 10-9-00	J. Ragan 10/12/00	Joe C. Hair 10/13/00

CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)



CPSES UNIT 2 - RELIEF REQUEST B-5 Revision 1 (continued)



CPSES UNIT 2
RELIEF REQUEST
C-5

A. Item for which relief is requested:

TCX-2-2577-12 pipe to valve
TCX-2-2577-20 pipe to valve
TCX-2-2578-35 pipe to nozzle

B. Item(s) Code Class:

2

C. Examination requirement from which relief is requested:

ASME Section XI 1986 edition, no addenda.

The requirement for volumetric examination of 100% of the weld length as described in Table IWB-2500-1, Examination Category C-F-1, Item No. C5.11.

D. Basis for relief:

The specific examination area geometry of the pipe to valve welds for TCX-2-2577-12 and B20 and the pipe to nozzle weld for TCX-2-2579-35 precludes the complete ultrasonic examination of the volume required by Figure IWC-2500-7. Approximately 10% of the exam volume for each weld of TCX-2-2577-12, TCX-2-2577-20, and TCX-2-2578-35 did not receive the full code required coverage.

Best effort examinations consisting of two separate base metal angle shear and longitudinal waves were performed. Full circumferential scan coverage was obtained for both welds. Axial scan coverage was achieved in at least 1 beam path direction with two beam angles (45 and 70 degrees) for the entire exam volume of both welds. (Refer to pages 2 through 7).

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

E. Alternate examinations:

None

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

None

PDI

Calibration Data Sheet

Plant/Unit	CPSES / Unit 2
Company	WesDyne
Comp/System	Cont. Spray
Procedure No.	TX-ISI-302
Rev/Chng. No.	0 / 0
Cal. Block No.	TBX-48
Cal. Block Temp.	73° Comp. Temp. 79°
Therm S/N	TU-2250
Size	16"/30 Sch. 0.375 "T"
	☐ Ferritic ☒ Austenitic
Each Maj. or CRT Div. =	0.2"
Cal. Direction:	Axial Circ. Both X
Scan Area:	I to Weld X
	II to Weld

Date Sheet # PDI-6
Page 1 of 1

Cal. Checks	Time
Initial Calib.	0725
Initial Calib. Date	9-26-00
Intermediate	N/A
Intermediate	N/A
Final Calib.	1705
Final Calib. Date	9-26-00

Couplant
Type: Ultragel II
Batch: 97425

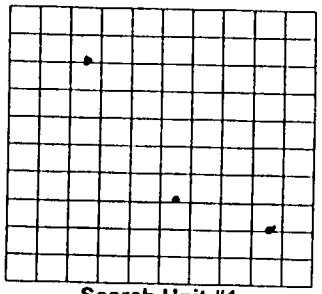
Examination Area/Weld	Access	Recordable Indications			Exam Sens.
		Yes	No	Geom	
TCX-2-2577-12	UPS		X	NO	39.0 dB

Remarks/Reasons for incomplete Scan(s) Pipe to Valve 10% Not Examined

Exam Sensitivity for 70° is 48.0 dB, it was reduced to a level below calibration sens. to reduce I.D. roll to a level between 5%~20% FSH as per procedure.

Examiners: [signature] Level III Date 09-26-00
N/A Level N/A Date N/A

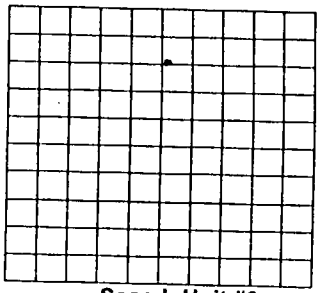
Reviewers: [signature] Further Evaluation Required? Yes No X



Search Unit #1
Manufacture: KBA
Serial No.: 009R22 / 2.25Mhz
Size: 0.250" Shape: Round
Exam Angle: 45°S Model: Comp.
Measured Angle: 45°S
Wedge Style: Non Integral

Search Unit Cable
Type: RG-174
Length: 6' No 0

Instrument Settings
Make/Model: Sonic 136
Serial No: SAP 101313
Delay: 0.247" Range: 2.00"
M'tl Cal/Vel: 0.121"/µs Pulser: 222ns
Damping: 500 Ω Reject: OFF
Rep. Rate: 4K Freq: 2.25Mhz
Filter: 1 Mode: P.E.
Reference Sensitivity (Sens.)
Axial: 32.0 dB Circ: 34.2 dB
SDH Sensitivity: N/A



Search Unit #2
Manufacture: KBA
Serial No.: 009R22 / 2.25Mhz
Size. 0.250" Shape: Round
Exam Angle: 70°S Model: Comp.
Measured Angle: 70°S
Wedge Style: Non Integral

Search Unit Cable
Type: RG-174
Length: 6' No 0

Instrument Settings
Make/Model: Sonic 136
Serial No: SAP 101313
Delay: 0.433" Range: 2.00"
M'tl Cal/Vel: 0.121"/µs Pulser: 222ns
Damping: 500 Reject: OFF
Rep. Rate: 4K Freq: 2.25Mhz
Filter: 1 Mode: P.E.
Reference Sensitivity (Sens.)
Axial: 54.2 dB Circ: NA
SDH Sensitivity: N/A

TU Electric Review / Date
[signature] 10/12/00

TU Electric Level III Review / Date
[signature] 10/13/00

ANII Review / Date ANII witnessed Exam
[signature] 10/14/00

CPSES UNIT 2- RELIEF REQUEST C-5 (continued)

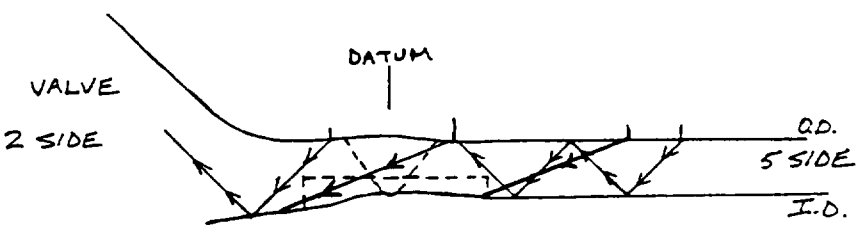
Westinghouse Nuclear Service Division
Inspection Services

PROFILE OF THE EXAMINATION VOLUME

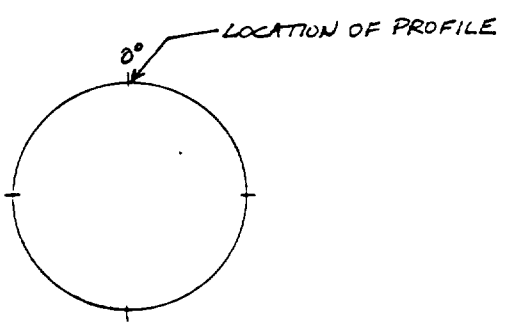
Plant COMANCHE PEAK Unit 2 Sketch TCX-2-2577 REV. 0

System/Comp CONTAINMENT SPRAY Procedure TX-ISI-206 REV. 1 FIG. 1 & 2

Weld Identification 12 Date 7-3-91 Examiner [signature]
Level II



.446" .413" .366" .333" .346" .346"



PDI

Calibration Data Sheet

Plant/Unit: CPSES / Unit 2
Company: WesDyne
Comp/System: Cont. Spray
Procedure No.: TX-ISI-302
Rev/Chng. No.: 0 / 0
Cal. Block No.: TBX-48
Cal. Block Temp.: 73° Comp. Temp. 83°
Therm S/N: TU-2250
Size: 16"/30 Sch. 0.375 "T"
[ ] Ferritic [X] Austenitic
Each Maj. or CRT Div. = 0.2"
Cal. Direction: Axial Circ. Both X
Scan Area: I to Weld X
II to Weld

Date Sheet # PDI-2
Page 1 of 1

Cal. Checks	Time
Initial Calib.	1019
Initial Calib. Date	9-26-00
Intermediate	N/A
Intermediate	N/A
Final Calib.	1422
Final Calib. Date	9-26-00

Couplant
Type: Ultragel II
Batch: 97425

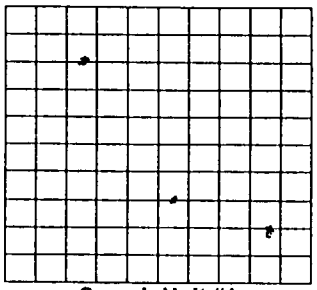
Examination Area/Weld	Access	Recordable Indications			Exam Sens.
		Yes	No	Geom	
TCX-2-2577-20	UPS		X	NO	44.0 dB

Remarks/Reasons for incomplete Scan(s) Pipe to Valve
10% Not Examined.

Exam Sensitivity for 70° is 48.0 dB, it was reduced to a level below calibration sens. to reduce I.D. roll to a level between 5%~20% FSH as per procedure.

Examiners: [signature] Level III Date 09-24-00
N/A Level N/A Date N/A

Reviewers: [signature] Further Evaluation Required? Yes No X



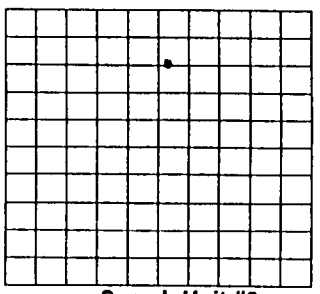
Search Unit #1
Manufacture: KBA
Serial No.: 009R22 / 2.25Mhz
Size: 0.250" Shape: Round
Exam Angle: 45°S Model: Comp.
Measured Angle: 45°S
Wedge Style: Non Integral

Search Unit Cable
Type: RG-174
Length: 6' No 0

Instrument Settings
Make/Model: Sonic 136
Serial No: SAP 101313
Delay: 0.247" Range: 2.00"
M'tl Cal/Vel: 0.121"/µs Pulser: 222ns
Damping: 500 Ω Reject: OFF
Rep. Rate: 4K Freq: 2.25Mhz
Filter: 1 Mode: P.E.
Reference Sensitivity (Sens.)

Axial: 32.0 dB Circ: 34.2 dB

SDH Sensitivity: N/A



Search Unit #2
Manufacture: KBA
Serial No.: 009R22 / 2.25MHz
Size. 0.250" Shape: Round
Exam Angle: 70°S Model: Comp.
Measured Angle: 70°S
Wedge Style: Non Integral

Search Unit Cable
Type: RG-174
Length: 6' No 0

Instrument Settings
Make/Model: Sonic 136
Serial No: SAP 101313
Delay: 0.433" Range: 2.00"
M'tl Cal/Vel: 0.121"/µs Pulser: 222ns
Damping: 500 Reject: OFF
Rep. Rate: 4K Freq: 2.25Mhz
Filter: 1 Mode: P.E.
Reference Sensitivity (Sens.)

Axial: 54.2 dB Circ: NA

SDH Sensitivity: N/A

TU Electric Review / Date
[signature] 10/12/00

TU Electric Level III Review / Date
[signature] 10/13/00

ANII Review / Date ANII witnessed exam
[signature] 10/14 bp

CPSES UNIT 2- RELIEF REQUEST C-5 (continued)

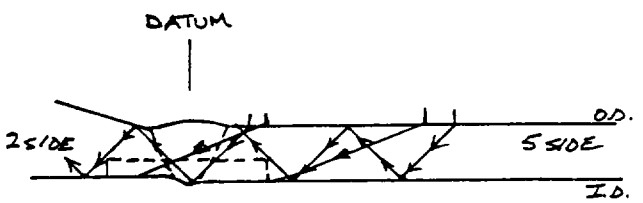
Westinghouse Nuclear Service Division
Inspection Services

PROFILE OF THE EXAMINATION VOLUME

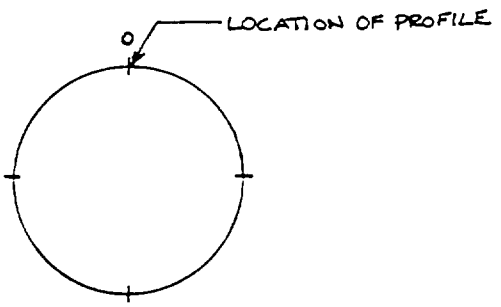
Plant COMANCHE PEAK Unit 2 Sketch TCX-2-2577 REV.0

System/Comp CONTAINMENT SPRAY Procedure TX-ISI-206 REV.1 FIG.1&2

Weld Identification 20 Date 7-2-91 Examiner [signature]
Level II



.400" .386" .333" .333" .337"



PDI Calibration Data Sheet

Plant/Unit	CPSES / Unit 2
Company	WesDyne
Comp/System	Cont. Spray
Procedure No.	TX-ISI-302
Rev/Chng. No.	0 / 0
Cal. Block No.	TBX-11
Cal. Block Temp.	73° Comp. Temp. 83°
Therm S/N	TU-2250
Size	12"/40 Sch. 0.375 "T"
[ ] Ferritic	[X] Austenitic
Each Maj. or CRT Div. =	0.2" / 0.1"
Cal. Direction:	Axial Circ. Both X
Scan Area:	I to Weld X
	II to Weld

Date Sheet # PDI-5
Page 1 of 1

Cal. Checks	Time
Initial Calib.	1019
Initial Calib. Date	9-24-00
Intermediate	N/A
Intermediate	N/A
Final Calib.	1422
Final Calib. Date	9-24-00

Couplant
Type: Ultragel II
Batch: 97425

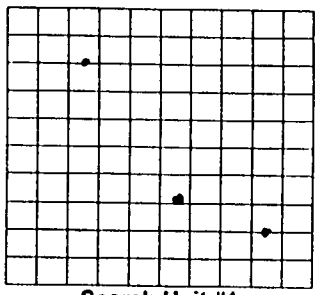
Examination Area/Weld	Access	Recordable Indications Yes	No	Geom	Exam Sens.
TCX-2-2578-35	UPS		X	NO	44.0 dB

Remarks/Reasons for incomplete Scan(s) Pipe to Valve.
10% Not Examined.

Exam Sensitivity for 70° is 48.0 dB, it was reduced to a level below calibration sens. to reduce I.D. roll to a level between 5%~20% FSH as per procedure.

Examiners: James R. Jellerson Level III Date 09-24-00
N/A Level N/A Date N/A

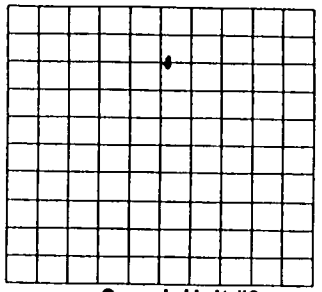
Reviewers: Further Evaluation Required? Yes No X



Search Unit #1
Manufacture: KBA
Serial No.: 009R22 / 2.25Mhz
Size: 0.250" Shape: Round
Exam Angle: 45°S Model: Comp.
Measured Angle: 45°S
Wedge Style: Non Integral

Search Unit Cable
Type: RG-174
Length: 6' No 0

Instrument Settings
Make/Model: Sonic 136
Serial No: SAP 101313
Delay: 0.247" Range: 1.00"
M'tl Cal/Vel: 0.121"/µs Pulser: 222ns
Damping: 500 Ω Reject: OFF
Rep. Rate: 4K Freq: 2.25Mhz
Filter: 1 Mode: P.E.
Reference Sensitivity (Sens.)
Axial: 32.6 dB Circ: 34.8 dB
SDH Sensitivity: N/A



Search Unit #2
Manufacture: KBA
Serial No.: 009R22 / 2.25Hmz
Size. 0.250" Shape: Round
Exam Angle: 70°S Model: Comp.
Measured Angle: 70°S
Wedge Style: Non Integral

Search Unit Cable
Type: RG-174
Length: 6' No 0

Instrument Settings
Make/Model: Sonic 136
Serial No: SAP 101313
Delay: 0.433" Range: 2.00"
M'tl Cal/Vel: 0.121"/µs Pulser: 222ns
Damping: 500 Reject: OFF
Rep. Rate: 4K Freq: 2.25Mhz
Filter: 1 Mode: P.E.
Reference Sensitivity (Sens.)
Axial: 56.4 dB Circ: NA
SDH Sensitivity: N/A

TU Electric Review / Date
Paul D Ramsey 10/12/00

TU Electric Level III Review / Date
J. Ragan 10/13/00

ANII Review / Date ANII witnessed exam
Joe R Hair 10/14/00

CPSES UNIT 2- RELIEF REQUEST C-5 (continued)

CPSES UNIT 2- RELIEF REQUEST C-5 (continued)

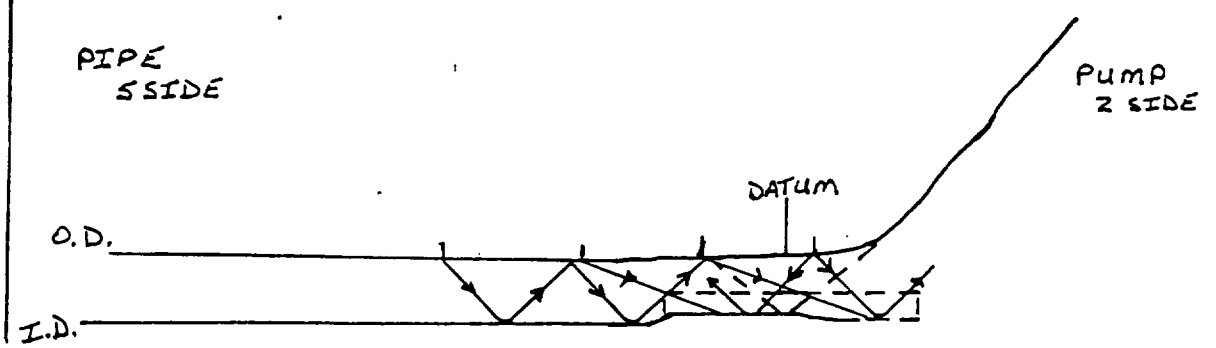
Westinghouse Nuclear Service Division
Inspection Services

PROFILE OF THE EXAMINATION VOLUME

Plant COMANCHE PEAK Unit NO. 2 Sketch TCX-2-2578 REV. 0

System/Comp CONTAINMENT SPRAY Procedure TX-ISI-306 REV. 1 E.C. 1+2

Weld Identification 35 Date 6-5-92 Examiner C. William Nemeth
Level II



0.39" 0.39" 0.40" 0.35" 0.41"