



TXU Electric
Comanche Peak
Steam Electric Station
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Senior Vice President & Principal Nuclear Officer

Ref. # 10CFR50.55a(g)

CPSES-200100378
Log # TXX-01025
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 NOS. 50-446
SUBMITTAL OF UNIT 2 FIFTH REFUELING OUTAGE (2RF05)
INSERVICE INSPECTION (ISI) SUMMARY REPORT
(1986 EDITION OF ASME CODE, SECTION XI, NO ADDENDA;
UNIT 2 INTERVAL DATES: AUGUST 3, 1993 - AUGUST 3, 2003,
FIRST INTERVAL)

Gentlemen:

This letter forwards the Inservice Inspection Summary Report for the fifth refueling outage of CPSES Unit 2. The enclosed report is being provided to you pursuant to the ASME Boiler and Pressure Vessel Code, Section XI, paragraph IWA-6230. A copy of this report is also forwarded to Mr. G. Bynog in accordance with the Texas Boiler Law & Rules and Regulations, paragraph 65.100.g.4.

Please note that the Relief Requests included in Appendix C of the enclosure are for information only. A formal request for relief has been submitted by a separate transmittal (TXX-01024, dated Feb 2, 2001).

A047



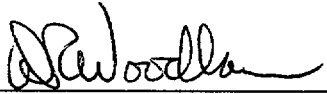
TXU Electric
P.O. Box 1002
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This communication contains no new licensing basis commitments regarding CPSES Unit 2. If you have any questions, please contact Mr. Obaid Bhatti at (254) 897-5839.

Sincerely,

C. L. Terry

By: 
D. R. Woodlan
Docket Licensing Manager

OAB/oab
Enclosure

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

2RF05
INSERVICE INSPECTION SUMMARY REPORT
FIRST INTERVAL, SECOND PERIOD, SECOND OUTAGE

TU Electric
P. O. Box 1002
Glen Rose, Texas 76043

Comanche Peak Steam Electric Station
Glen Rose, Texas 76043

Unit 2

Commercial Operating Date
August 3, 1993

Prepared by:

Paul M. Pansky

2-1-01

Reviewed by:

RB Mays RB May

2-1-01

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Appendix C	Relief Requests
Appendix D	NIS-2 Owner's Report for Repairs or Replacements

2RF05
INSERVICE INSPECTION SUMMARY REPORT
FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE

1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this summary report is to provide information relating to the inservice inspection (ISI) activities performed during the fifth refueling outage at the Comanche Peak Steam Electric Station (CPSES) Unit 2. This report documents compliance with 10CFR50.55(a), Technical Specifications 4.0.5 and 4.0.6 and ASME Section XI, 1986 Edition, no Addenda (the Code), for all examinations and tests. This report also documents compliance with the Texas Department of Licensing and Regulation, Boiler Division, Boiler Law & Rules and Regulations.

1.2 SCOPE

This summary report addresses those examinations and tests of Code class 1, 2 and 3 systems as stipulated in the CPSES Unit 2 ISI Program Plan, Rev. 3 (the Plan). The Form NIS-1 is included in Appendix A. A list of the Form NIS-2's documenting Code Repairs/Replacement activities that have occurred since the previous Form NIS-1 are contained in Appendix D. The period of time covered is from July 1999 to February 1, 2001.

1.3 OUTAGE, PERIOD AND INTERVAL START AND END DATES

This refueling outage was the Second Outage in the Second Inspection Period of the First Inservice Inspection Interval. The ISI examinations for this outage were performed between September 16, 2000 and October 23, 2000. The Inspection Period began in May, 1996 and has ended coincident with the completion of the next (the fifth) refueling outage. The Inservice Inspection Interval began on August 3, 1993 and is scheduled to end on or about August 3, 2003.

1.4 AUTHORIZED NUCLEAR INSERVICE INSPECTOR

Tests, examinations, repairs and/or replacements were witnessed or verified by Mr. Joe C. Hair, Authorized Nuclear Inservice Inspectors for Hartford Steam Boiler Inspection & Insurance Company as indicated by signature on the examination data sheets. Hartford Regional Office is located at 15415 Katy Freeway, Suite 300, Houston, Texas.

2.0 SUMMARY OF EXAMINATIONS AND TESTS

2.1 PIPING AND COMPONENTS

Examinations were conducted utilizing volumetric, surface and visual techniques in accordance with the requirements of the Code. Where a particular examination requirement of the Code is determined to be impractical, a request for relief from the requirement is submitted in accordance with the provisions of 10CFR50.55a(g)(6)(i). As permitted by Code Case N-460, relief is not requested when a reduction in examination coverage on a Code Class 1 or 2 weld is less than 10%. Refer to Appendix B for a summary of examinations performed during this outage. The relief request number is identified in the remarks of the summary for each examination area requiring relief. Relief Requests generated during this outage are contained in Appendix C.

a. Volumetric Examinations

18 Ultrasonic examinations were completed. There were no unacceptable indications identified.

b. Surface Examinations

20 Liquid penetrant examinations and 7 magnetic particle examinations were completed. There were no unacceptable indications identified.

c. Visual Examinations

104 Visual examinations of components and their supports were completed. There were no conditions identified that adversely affected the ability of a component or support to perform its intended function.

2.2 PRESSURE TESTS

System leakage, functional and inservice tests were performed during the period covered by this report. These tests were conducted under the following pressure test packages:

2-CC-1-2-3	2-CS-1-2-4	2-DO-1-2-1
2-CH-1-2-1	2-CT-1-2-1	2-RC-1-2-4
2-CS-1-2-2	2-CT-1-2-2	
2-CS-1-2-3	2-DD-1-2-1	

All areas of leakage, if any, were evaluated for corrective measures as described in IWA-5250.

2.3 Eddy Current

2RF05 Steam Generator Eddy Current Testing Results

Technique	Steam Gen	# Tubes Tested	% Tubes Tested	# Tubes Plugged
Bobbin	1	1927	42	3
Bobbin	4	3609	79	1
Plus Point H/L TTS	1	1973	43	N/A
Plus Point H/L TTS	4	2015	44	N/A
Plus Point Row 1 & 2 Ubend	1	103	45	N/A
Plus Point Row 1 & 2 Ubend	4	104	46	N/A
Plus Point Expanded Baffle Plates	1	59	42	N/A
Plus Point Expanded Baffle Plates	4	55	40	N/A

Appendix A

FORM NIS-1 (Back)

8. Examination Dates 9-16-00 To 10-23-00
9. Inspection Period Identification May, 1996 to November, 2000
10. Inspection Interval Identification August, 1993 to August, 2003
11. Applicable Edition of Section XI 1986 Addenda None
12. Date/Revision of Inspection Plan August 4, 2000 / revision 4

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

Reference CPSES Unit 2 Inservice Inspection Summary Report for the 1st interval, 2nd period, 3rd outage. All required examinations have been completed.

14. Abstract of Results of Examinations and Tests.

Reference CPSES Unit 2 Inservice Inspection Summary Report for the 1st interval, 2nd period, 3rd outage.

15. Abstract of Corrective Measures.

Reference CPSES Unit 2 Inservice Inspection Summary Report for the 1st interval, 2nd period, 3rd outage.

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (If applicable) N/A Expiration Date N/A

Date 2-1 20 01 Signed TXU Electric RBMays RB Mays By R.B Mays
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, CT have inspected the components described in this Owner's Report during the period JULY 1999 to February 4, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss any kind arising from or connected with this inspection.

Joe C. Hair Joe C. Hair Commissions Texas 1080
Inspector's Signature National board, State, Province, and Endorsements

Date 01 February 20 01

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION
As required by the Provisions of the ASME Code Rules

1. Owner TXU Electric, P.O.Box 1002, Glen Rose, Texas 76043
(Name and Address of Owner)
2. Plant Comanche Peak Steam Electric Station
(Name and Address of Plant)
3. Plant Unit No. 2 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 8/3/93 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engr, Inc.	11773	TCX-RCPCR-01	N/A
Steam Gen. 1	Westinghouse Electric Corp.	TCGT 2214	TCX-RCPCSG-01	N/A
Ltdn Reheat HX-01	Atlas Industrial Mfg.	3626	TCX-TRAHLR-01	N/A
12" Valve	Borg Warner Corp.	29953	2CT-0028	N/A
6" Valve	Westinghouse Electric Corp.	06000CS88000 000005740181	2-8818D	N/A
CT Piping System	Brown & Root Inc.	N-5 S/N 2CT-1	N/A	N/A
RC Piping System	Brown & Root Inc.	N-5 S/N 2RC-1	N/A	N/A
FW Piping System	Brown & Root Inc.	N-5 S/N 2FW-1	N/A	N/A
MS Piping System	Brown & Root Inc.	N-5 S/N 2MS-1	N/A	N/A
AF Piping System	Brown & Root Inc.	N-5 S/N 2AF-1	N/A	N/A
CC Piping System	Brown & Root Inc.	N-5 S/N 2CC-1	N/A	N/A
SW Piping System	Brown & Root Inc.	N-5 S/N 2SW-1	N/A	N/A
CS Piping System	Brown & Root Inc.	N-5 S/N 2CS-1	N/A	N/A
DD Piping System	Brown & Root Inc.	N-5 S/N 2DD-1	N/A	N/A
CH Piping System	Brown & Root Inc.	N-5 S/N 2CH-1	N/A	N/A
DO Piping System	Brown & Root Inc.	N-5 S/N 2DD-1	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Appendix B

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME SEC. XI	EXAM	PROCEDURE	G N E N R R O I I I M	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD			**CALIBRATION BLOCK**
<u>REACTOR COOLANT TCX-RCPCRV-01</u>						
002700	TCX-1-1100A-LIG RV FLANGE LIGAMENTS (1/54) R157R830RB	B-G-1 B6.40		TX-ISI-55	x	**RV-3 ,RV-5**
003100	TCX-1-1300-1 RV CLOSURE HEAD TO FLANGE WELD R157R832RB	B-A B1.40		TX-ISI-210 TX-ISI-70	x x	15% NOT EXAMINED. REF. RELIEF REQUEST B-1 REV.1. **TBX-29**
003200	TCX-1-1300-2 RV CLOSURE HEAD RING TO DISC WELD R157R832RB	B-A B1.21		TX-ISI-210	x	15% NOT EXAMINED. REF. RELIEF REQUEST B-1 REV.1. **TBX-29**
003300	TCX-1-1300-3 RV CLOSURE HEAD MERIDIONAL WELD R157R832RB	B-A B1.22		TX-ISI-210	x	 **TBX-29**
<u>REACTOR COOLANT TCX-RCPCSG-01</u>						
010200	TCX-1-3100-1-1 SG1 CHANNEL HEAD TO TUBESHEET WELD A23	B-B B2.40		TX-ISI-210	x	31% NOT EXAMINED. REF. RELIEF REQUEST B-5 REV.1. **TBX-28**

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 1 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME SEC. XI	EXAM	PROCEDURE	G N E N R R O I I I M	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD			**CALIBRATION BLOCK**
<u>REACTOR COOLANT TCX-RCPCSG-01</u>						
010300	TCX-1-3100-1A SG1 INLET NOZZLE INNER RADIUS A23	B-D B3.140		TX-ISI-214	X	**TBX-28**
010400	TCX-1-3100-1B SG1 OUTLET NOZZLE INNER RADIUS A23	B-D B3.140		TX-ISI-214	X	**TBX-28**
010500	TCX-1-3100-1B1-16 SG1 HOTLEG MANWAY BOLTING (1-B1/1-B16) A23	B-G-2 B7.30		TX-ISI-8	X	
010600	TCX-1-3100-1B17-32 SG1 COLDLEG MANWAY BOLTING (1-B17/1-B32) A23	B-G-2 B7.30		TX-ISI-8	X	
<u>REACTOR COOLANT 29-RC-2-001-WEST-1</u>						
012500	TCX-1-4100-4 REDUCING ELBOW TO SG NOZZLE R154I827RB	B-F B5.70		TX-ISI-214 TX-ISI-11	X X	**TBX-57**
<u>REACTOR COOLANT 31-RC-2-002-WEST-1</u>						
012600	TCX-1-4100-5 SG NOZZLE TO ELBOW R154I829RB	B-F B5.70		TX-ISI-214 TX-ISI-11	X X	**TBX-57**

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 1 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G	
		SEC. XI			N E	
NUMBER	IDENTIFICATION	CATGY	EXAM		N R R O	REMARKS
		ITEM NO	METHOD	PROCEDURE	I I I M	**CALIBRATION BLOCK**
<hr/>						
<u>CHEMICAL AND VOLUME CONTROL 1.5-CS-2-243-2501R-1</u>						
059150	TCX-1-4308-FLG1	B-G-2		TX-ISI-8	x	EVIDENCE OF LEAKAGE AT GASKET SEATING SURFACE.
	FLANGE BOLTING	B7.50				
	R154K830RB					
 <u>SAFETY INJECTION 6-SI-2-092-2501R-1</u>						
094245	TCX-1-4403-8818D-BLT	B-G-2		TX-ISI-8	x	
	VALVE BODY BOLTING 2-8818D	B7.70				
094280	TCX-1-4403-8818D-INT	B-M-2		TX-ISI-8	x	
	VALVE INTERNAL SURFACES	B12.50				

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 2 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	G	REMARKS
		SEC. XI			N E	
		CATGY			N R R O	
		ITEM NO			I I I M	**CALIBRATION BLOCK**
<u>CHEMICAL AND VOLUME CONTROL TCX-TRAHLR-01</u>						
096500	TCX-2-1140-1 LETDOWN REHEAT HX HEAD TO SHELL WELD 833SB	C-A C1.20		TX-ISI-11	x	**TBX-7**
096600	TCX-2-1140-2 LETDOWN REHEAT HX SHELL TO FLANGE WELD 833SB	C-A C1.10		TX-ISI-11	x	**TBX-7**
<u>CONTAINMENT SPRAY 12-CT-2-005-151R-2</u>						
289300	TCX-2-2576-16 PIPE TO ELBOW R54 777SB	C-F-1 C5.11		TX-ISI-302 TX-ISI-11	x x	**TBX-11**
289400	TCX-2-2576-17 ELBOW TO PIPE R54 776SB	C-F-1 C5.11		TX-ISI-302 TX-ISI-11	X X	**TBX-11**
<u>CONTAINMENT SPRAY 16-CT-2-121-151R-2</u>						
292100	TCX-2-2577-11 ELBOW TO PIPE R66 793SB	C-F-1 C5.11		TX-ISI-302 TX-ISI-11	X X	**TBX-48**

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		ASME			G	
		SEC. XI			N E	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		N R R O	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	I I I M	**CALIBRATION BLOCK**
-----	-----	-----	-----	-----	-----	-----
<u>CONTAINMENT SPRAY 16-CT-2-121-151R-2</u>						
292200	TCX-2-2577-12	C-F-1		TX-ISI-302	x	10% NOT EXAMINED. REF. RELIEF REQUEST
	PIPE TO VALVE	C5.11		TX-ISI-11	x	C-5.
	R66 793SB					**TBX-48**
<u>CONTAINMENT SPRAY 16-CT-2-004-151R-2</u>						
292800	TCX-2-2577-18	C-F-1		TX-ISI-302	x	
	PIPE TO ELBOW	C5.11		TX-ISI-11	x	
	R75 802SB					**TBX-48**
293000	TCX-2-2577-20	C-F-1		TX-ISI-302	x	10% NOT EXAMINED. REF. RELIEF REQUEST
	PIPE TO VALVE	C5.11		TX-ISI-11	x	C-5.
	R75 802SB					**TBX-48**
<u>CONTAINMENT SPRAY 12-CT-2-007-151R-2</u>						
296300	TCX-2-2578-33	C-F-1		TX-ISI-302	x	
	PIPE TO ELBOW	C5.11		TX-ISI-11	x	
	R51 777SB					**TBX-11**
296400	TCX-2-2578-34	C-F-1		TX-ISI-302	x	
	ELBOW TO PIPE	C5.11		TX-ISI-11	x	
	R51 776SB					**TBX-11**
296500	TCX-2-2578-35	C-F-1		TX-ISI-302	X	10% NOT EXAMINED. REF. RELIEF REQUEST
	PIPE TO NOZZLE	C5.11		TX-ISI-11	X	C-5.
	R51 776SB					**TBX-11**

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 2 COMPLETED COMPONENTS

		ASME			G	
		SEC. XI			N E	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		N R R O	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	I I I M	**CALIBRATION BLOCK**

CONTAINMENT SPRAY 12-CT-2-006-151R-2

502400	TCX-2-2578-CT028	C-G		TX-ISI-11	X	
	VALVE BODY WELD 2CT-0028	C6.20				

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 1 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G	
		SEC. XI			N E	
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	N R R O	REMARKS
		ITEM NO	METHOD		I I I M	**CALIBRATION BLOCK**
<u>REACTOR COOLANT 14-RC-2-135-2501R-1</u>						
614000	TCX-1-4500-H4	F-C		TX-ISI-8	x	
	RC-2-135-407-C41S	NOTE 1				
	832RB					
614200	TCX-1-4500-H5	F-C		TX-ISI-8	x	
	RC-2-135-409-C51R	NOTE 1				
	843RB					
<u>REACTOR COOLANT TCX-RCPCSG-01</u>						
640040	TCX-1-3100-1CS1	F-C		TX-ISI-8	X	
	TCX-RCESSG-01-S1	NOTE 1				
	A23 812RB					
640050	TCX-1-3100-1CS2	F-C		TX-ISI-8	X	
	TCX-RCESSG-01-S2	NOTE 1				
	A23 812RB					
640060	TCX-1-3100-1CS3	F-C		TX-ISI-8	X	
	TCX-RCESSG-01-S3	NOTE 1				
	A23 812RB					
640070	TCX-1-3100-1CS4	F-C		TX-ISI-8	X X	ANCHOR BOLT WEDGED AT BOTOOM OF BASE.
	TCX-RCESSG-01-S4	NOTE 1				REFERENCE SMF-2000-002578-00.
	A23 812RB					
640080	TCX-1-3100-1LS1	F-B		TX-ISI-8	X	
	TCX-RCESSG-01-L1	NOTE 1				
	A23 835RB					

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 1 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G	
		SEC. XI			N E	
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	N R R O	REMARKS
		ITEM NO	METHOD		I I I M	**CALIBRATION BLOCK**
<u>REACTOR COOLANT TCX-RCPCSG-01</u>						
640090	TCX-1-3100-1LS2	F-B		TX-ISI-8	X	
	TCX-RCESSG-01-L2	NOTE 1				
	A23 835RB					
640100	TCX-1-3100-1LS3	F-B		TX-ISI-8	X	
	TCX-RCESSG-01-L3	NOTE 1				
	A23 835RB					
640110	TCX-1-3100-1US1	F-B		TX-ISI-8	X	
	TCX-RCESSG-01-U1	NOTE 1				
	A24 859RB					
640120	TCX-1-3100-1US2	F-B		TX-ISI-8	X	
	TCX-RCESSG-01-U2	NOTE 1				
	A24 859RB					
640130	TCX-1-3100-1US3	F-B		TX-ISI-8	X	
	TCX-RCESSG-01-U3	NOTE 1				
	A24 859RB					
640140	TCX-1-3100-1SN1	F-C		TX-ISI-8	X	
	TCX-RCESHS-01-SN1	NOTE 1				
	A24 859RB					
640150	TCX-1-3100-1SN2	F-C		TX-ISI-8	X	
	TCX-RCESHS-01-SN2	NOTE 1				
	A24 859RB					

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	G	REMARKS
		SEC. XI CATGY			N E N R R O	
		ITEM NO			I I I M	**CALIBRATION BLOCK**
<u>CONTAINMENT SPRAY 16-CT-2-002-151R-2</u>						
656500	TCX-2-2536-H1	F-C		TX-ISI-8	x	
	CT-2-002-402-S22K	NOTE 1				
	788SB					
656550	TCX-2-2536-H1	C-C		TX-ISI-11	x	
	CT-2-002-402-S22K	C3.20				
	788SB					
<u>CONTAINMENT SPRAY 16-CT-2-003-151R-2</u>						
656800	TCX-2-2575-H1	F-C		TX-ISI-8	x	
	CT-2-003-401-S32A	NOTE 1				
	802SB					
656850	TCX-2-2575-H1	C-C		TX-ISI-11	x	
	CT-2-003-401-S32A	C3.20				
	802SB					
656900	TCX-2-2575-H5	F-C		TX-ISI-8	x	
	CT-2-003-402-S32R	NOTE 1				
	802SB					
657000	TCX-2-2575-H7	F-C		TX-ISI-8	x	
	CT-2-003-403-S32R	NOTE 1				
	802SB					
657100	TCX-2-2575-H6	F-C		TX-ISI-8	x	
	CT-2-003-404-S32R	NOTE 1				
	802SB					

DATE: 01/17/01

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

SUMMARY	EXAMINATION AREA	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	G N E N R R O I I I M	REMARKS
NUMBER	IDENTIFICATION	ITEM NO				**CALIBRATION BLOCK**
<u>CONTAINMENT SPRAY 16-CT-2-003-151R-2</u>						
657200	TCX-2-2575-H8 CT-2-003-405-S32S 802SB	F-C NOTE 1		TX-ISI-8	x	
657300	TCX-2-2575-H9 CT-2-003-406-S32R 800SB	F-C NOTE 1		TX-ISI-8	x	
657400	TCX-2-2575-H10 CT-2-003-407-S32R 793SB	F-C NOTE 1		TX-ISI-8	x	
<u>CONTAINMENT SPRAY 16-CT-2-004-151R-2</u>						
657500	TCX-2-2577-H5 CT-2-004-401-S32R 792SB	F-C NOTE 1		TX-ISI-8	x	
<u>CONTAINMENT SPRAY 12-CT-2-005-151R-2</u>						
657900	TCX-2-2576-H5 CT-2-005-404-S22K 785SB	F-C NOTE 1		TX-ISI-8	x	WHITE RESIDUE AROUND THE BASE PLATE AND ON THE TOPOF THE MECHANICAL SNUBBER.
658300	TCX-2-2576-H1 CT-2-005-408-S22S 780SB	F-C NOTE 1		TX-ISI-8	x	
658350	TCX-2-2576-H1 CT-2-005-408-S22S 780SB	C-C C3.20		TX-ISI-11	x	

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	G N E			REMARKS
		SEC. XI CATGY ITEM NO			N	R	R	
					I	I	I	M
<u>CONTAINMENT SPRAY 12-CT-2-006-151R-2</u>								
658800	TCX-2-2576-H2	F-C		TX-ISI-8	x			
	CT-2-006-407-S22S	NOTE 1						
	779SB							
658850	TCX-2-2576-H2	C-C		TX-ISI-11	x			
	CT-2-006-407-S22S	C3.20						
	779SB							
<u>CONTAINMENT SPRAY 12-CT-2-007-151R-2</u>								
659400	TCX-2-2578-H12	F-C		TX-ISI-8	x			
	CT-2-007-406-S22R	NOTE 1						
	781SB							
659600	TCX-2-2578-H14	F-C		TX-ISI-8		x		PADDLE BOUND ON PIPE SIDE.
	CT-2-007-408-S22R	NOTE 1						
	781SB							
<u>CONTAINMENT SPRAY 12-CT-2-008-151R-2</u>								
659700	TCX-2-2578-H1	F-C		TX-ISI-8	x			
	CT-2-008-401-S22S	NOTE 1						
	779SB							
659750	TCX-2-2578-H1	C-C		TX-ISI-11	x			
	CT-2-008-401-S22S	C3.20						
	779SB							
<u>CONTAINMENT SPRAY 16-CT-2-013-301R-2</u>								
662200	TCX-2-2571-H15	F-C		TX-ISI-8	x			
	CT-2-013-408-S42K	NOTE 1						
	818SB							

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	G	REMARKS
		SEC. XI CATGY			N E N R R O	
		ITEM NO			I I I M	**CALIBRATION BLOCK**
<u>CONTAINMENT SPRAY 16-CT-2-025-301R-2</u>						
664640	TCX-2-2539-H2	F-C		TX-ISI-8	x	
	CT-2-025-401-S22R	NOTE 1				
	R62E 785SB					
664670	TCX-2-2539-H5	F-C		TX-ISI-8	x	
	CT-2-025-402-S22S	NOTE 1				
	R62E 785SB					
<u>CONTAINMENT SPRAY 16-CT-2-121-151R-2</u>						
665000	TCX-2-2577-H1	F-C		TX-ISI-8	x	
	CT-2-121-403-S22S	NOTE 1				
	790SB					
665050	TCX-2-2577-H1	C-C		TX-ISI-11	x	
	CT-2-121-403-S22S	C3.20				
	790SB					
<u>FEEDWATER 6-FW-2-095-1303-2</u>						
672100	TCX-2-2102-H8	F-C		TX-ISI-8	x	UNABLE TO ROTATE SPHERICAL BEARING. PCS.
	FW-2-095-402-C62R	NOTE 1				#20 (@4) SHIFTED APPROXIMATELY 1/8".
	867RB					
672500	TCX-2-2102-H13	F-C		TX-ISI-8	x	
	FW-2-095-405-C62S	NOTE 1				
	871RB					
672600	TCX-2-2102-H15	F-C		TX-ISI-8	x	
	FW-2-095-408-C62S	NOTE 1				
	871RB					

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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 COMPLETED COMPONENTS

		ASME			G		
		SEC. XI			N E		
SUMMARY	EXAMINATION AREA	CATGY	EXAM		N R R O	REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	I I I M	**CALIBRATION BLOCK**	

<u>FEEDWATER 6-FW-2-095-1303-2</u>							
672700	TCX-2-2102-H17	F-C		TX-ISI-8	x		
	FW-2-095-410-C62R	NOTE 1					
	866RB						
672800	TCX-2-2102-H20	F-C		TX-ISI-8	x		
	FW-2-095-411-C62K	NOTE 1					
	862RB						
672900	TCX-2-2102-H19	F-C		TX-ISI-8	x		
	FW-2-095-412-C62K	NOTE 1					
	863RB						
673000	TCX-2-2102-H1	F-C		TX-ISI-8	x		
	FW-2-095-413-C62S	NOTE 1					
	869RB						
673050	TCX-2-2102-H1	C-C		TX-ISI-70	x		
	FW-2-095-413-C62S	C3.20					
	869RB						
673100	TCX-2-2102-H16	F-C		TX-ISI-8	x		
	FW-2-095-414-C62K	NOTE 1					
	867RB						
673200	TCX-2-2102-H18	F-C		TX-ISI-8	x		
	FW-2-095-415-C62K	NOTE 1					
	865RB						

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	G	REMARKS
		SEC. XI CATGY			N E N R R O	
		ITEM NO			I I I M	**CALIBRATION BLOCK**
<u>FEEDWATER 6-FW-2-095-1303-2</u>						
673300	TCX-2-2102-H14 FW-2-095-702-C62K 871RB	F-C NOTE 1		TX-ISI-8	x	
673400	TCX-2-2102-H11 FW-2-095-703-C62R 869RB	F-C NOTE 1		TX-ISI-8	x	
673500	TCX-2-2102-H10 FW-2-095-704-C62K 867RB	F-C NOTE 1		TX-ISI-8	x	
673600	TCX-2-2103-H8 FW-2-095-705-C62K R155L865RB	F-C NOTE 1		TX-ISI-8	x	
<u>FEEDWATER 6-FW-2-097-1303-2</u>						
676600	TCX-2-2303-H9 FW-2-097-401-S62R 863SB	F-C NOTE 1		TX-ISI-8	x	
<u>FEEDWATER 6-FW-2-099-1303-2</u>						
681100	TCX-2-2102-H7 FW-2-099-402-C62K 868RB	F-C NOTE 1		TX-ISI-8	x	
681200	TCX-2-2102-H6 FW-2-099-405-C62R 869RB	F-C NOTE 1		TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 COMPLETED COMPONENTS

		ASME			G			
		SEC. XI			N E			
SUMMARY	EXAMINATION AREA	CATGY	EXAM		N	R	R O	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	I	I	I M	**CALIBRATION BLOCK**

<u>FEEDWATER 6-FW-2-099-1303-2</u>								
681300	TCX-2-2102-H3	F-C		TX-ISI-8	x			
	FW-2-099-408-C62R	NOTE 1						
	860RB							
681400	TCX-2-2102-H4	F-C		TX-ISI-8	x			
	FW-2-099-700-C62K	NOTE 1						
	860RB							
681500	TCX-2-2102-H5	F-C		TX-ISI-8	x			
	FW-2-099-702-C62R	NOTE 1						
	867RB							
681600	TCX-2-2102-H2	F-C		TX-ISI-8	x			
	FW-2-099-703-C62K	NOTE 1						
	860RB							
<u>MAIN STEAM 32-MS-2-002-1303-2</u>								
684450	TCX-2-2200-H2	C-C		TX-ISI-70	x			
	MS-2-002-408-C72K	C3.20						
	R155N900RB							
<u>MAIN STEAM 32-MS-2-003-1303-2</u>								
685100	TCX-2-2300-H7	F-C		TX-ISI-8	x	x		NUTS ON U-CLAMP. REWORKED PER WORK
	MS-2-003-402-C72S	NOTE 1						ORDER 4-00-132957-00.
	894RB							
685200	TCX-2-2300-H1	F-C		TX-ISI-8	x			
	MS-2-003-405-C72K	NOTE 1						
	894RB							

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INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 2 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G			REMARKS
		SEC. XI	CATGY	EXAM		N	R	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		I	I	

<u>MAIN STEAM 32-MS-2-003-1303-2</u>								
685250	TCX-2-2300-H1	C-C		TX-ISI-70		x		
	MS-2-003-405-C72K	C3.20						
	894RB							
685400	TCX-2-2300-H2	F-C		TX-ISI-8		x		
	MS-2-003-407-C72K	NOTE 1						
	896RB							
685450	TCX-2-2300-H2	C-C		TX-ISI-70		x		
	MS-2-003-407-C72K	C3.20						
	896RB							
685500	TCX-2-2300-H3	F-C		TX-ISI-8		x		
	MS-2-003-409-C72K	NOTE 1						
	894RB							
685550	TCX-2-2300-H3	C-C		TX-ISI-70		x		
	MS-2-003-409-C72K	C3.20						
	894RB							
685600	TCX-2-2300-H4	F-C		TX-ISI-8		x	x	BOLTING ON PIPE CLAMP. REWORKED PER
	MS-2-003-410-C72K	NOTE 1						WORK ORDER 4-00-132958-00.
	894RB							
685650	TCX-2-2300-H4	C-C		TX-ISI-70		x		
	MS-2-003-410-C72K	C3.20						
	894RB							

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

SUMMARY	EXAMINATION AREA	ASME SEC. XI	EXAM	PROCEDURE	G N E N R R O I I I M	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD			**CALIBRATION BLOCK**
<hr/>						
<u>CONTAINMENT SPRAY CP2-CTAHCS-01</u>						
752000	TCX-2-1180-1S1	F-B		TX-ISI-8	x	
	CT HX 01 TOP SUPPORTS	NOTE 1				
	R69 828SB					
752100	TCX-2-1180-1S2	F-B		TX-ISI-8	x	
	CT HX 01 INTERMEDIATE SUPPORTS	NOTE 1				
	R69 810SB					
752200	TCX-2-1180-1S3	F-B		TX-ISI-8	x	
	CT HX 01 FOUNDATION SUPPORTS	NOTE 1				
	R69 795SB					
<u>CONTAINMENT SPRAY CP2-CTAPCS-02</u>						
752700	TCX-2-2578-2PS1	F-B		TX-ISI-8	x	WHITE RESIDUE IN TROUGH ON BEARING END
	CT PUMP 02 SUPPORT	NOTE 1				OF BASE PL.
	R51 773SB					

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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 3 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME SEC. XI	EXAM	PROCEDURE	G N E N R R O I I I M	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD			**CALIBRATION BLOCK**
<u>AUXILIARY FEEDWATER</u>						
820900	AF-2-SB-020-H7	F-C		TX-ISI-8	x	
	AF-2-099-413-S33R	NOTE 1				
	R082 807SB					
822700	AF-2-SB-021-H12	F-C		TX-ISI-8	x	
	AF-2-097-423-S33A	NOTE 1				
	R082 807SB					
822750	AF-2-SB-021-H12	D-A		TX-ISI-8	x	
	AF-2-097-423-S33A	D1.20				
	R082 807SB					
836500	AF-2-SB-042-H11	F-C		TX-ISI-8	x	
	AF-2-100-407-S33A	NOTE 1				
	R082 809SB					
836550	AF-2-SB-042-H11	D-A		TX-ISI-8	x	
	AF-2-100-407-S33A	D1.20				
	R082 809SB					
<u>COMPONENT COOLING</u>						
859400	CC-2-AB-004-H1	F-C		TX-ISI-8	x	
	CC-2-969-700-A43S	NOTE 1				
	R197 800AB					
859450	CC-2-AB-004-H1	D-A		TX-ISI-8	x	
	CC-2-969-700-A43S	D1.20				
	R197 800AB					

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 3 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G	REMARKS
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	N E	
		ITEM NO	METHOD	PROCEDURE	N R R O	
					I I I M	**CALIBRATION BLOCK**
<u>COMPONENT COOLING</u>						
879800	CC-2-AB-033-H5	F-C		TX-ISI-8	x	
	CC-2-007-010-A63R	NOTE 1				
	X-241					
879850	CC-2-AB-033-H5	D-A		TX-ISI-8	x	
	CC-2-007-010-A63R	D1.20				
	X-241					
880200	CC-2-AB-033-H9	F-C		TX-ISI-8	x	
	CC-2-007-017-A63R	NOTE 1				
	X-241					
880250	CC-2-AB-033-H9	D-A		TX-ISI-8	x	
	CC-2-007-017-A63R	D1.20				
	X-241					
880700	CC-2-AB-038-H3	F-C		TX-ISI-8	x	
	CC-2-164-403-A53S	NOTE 1				
880750	CC-2-AB-038-H3	D-A		TX-ISI-8	x	
	CC-2-164-403-A53S	D1.20				
881000	CC-2-AB-038-H6	F-C		TX-ISI-8	x	
	CC-2-164-407-A63K	NOTE 1				
	X-235					

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 3 COMPLETED COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	G	REMARKS
		SEC. XI CATGY			N E N R R O	
		ITEM NO			I I I M	**CALIBRATION BLOCK**
<u>COMPONENT COOLING</u>						
885100	CC-2-EC-001-H7 CC-2-035-709-E33S X-115B	F-C NOTE 1		TX-ISI-8	x	
885150	CC-2-EC-001-H7 CC-2-035-709-E33S X-115B	D-A D1.20		TX-ISI-8	x	
885400	CC-2-EC-001-H10 CC-2-035-714-A33A X-180	F-C NOTE 1		TX-ISI-8	x	
885450	CC-2-EC-001-H10 CC-2-035-714-A33A X-180	D-A D1.20		TX-ISI-8	x	
887000	CC-2-EC-004-H1 CC-2-105-401-E23R X-115B	F-C NOTE 1		TX-ISI-8	x	
887050	CC-2-EC-004-H1 CC-2-105-401-E23R X-115B	D-A D1.20		TX-ISI-8	x	
888300	CC-2-FB-002-H1 CC-2-126-004-F43K	F-C NOTE 1		TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 3 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME SEC. XI	EXAM	PROCEDURE	G N E N R R O I I I M	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD			**CALIBRATION BLOCK**
<u>COMPONENT COOLING</u>						
894700	CC-2-SB-034B-H1 CC-2-008-406-S33R 2-070	F-C NOTE 1		TX-ISI-8	x	
894750	CC-2-SB-034B-H1 CC-2-008-406-S33R 2-070	D-A D1.20		TX-ISI-8	x	
894900	CC-2-SB-034B-H3 CC-2-030-401-S33R 2-070	F-C NOTE 1		TX-ISI-8	x	
895600	CC-2-SB-035-H4 CC-2-028-428-S33R 2-070	F-C NOTE 1		TX-ISI-8	x	
895650	CC-2-SB-035-H4 CC-2-028-428-S33R 2-070	D-A D1.20		TX-ISI-8	x	
895700	CC-2-SB-035-H5 CC-2-031-409-S33R 2-070	F-C NOTE 1		TX-ISI-8	x	
895750	CC-2-SB-035-H5 CC-2-031-409-S33R 2-070	D-A D1.20		TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 3 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G			
		SEC. XI			N E			
NUMBER	IDENTIFICATION	CATGY	EXAM		N R R O	REMARKS		
		ITEM NO	METHOD	PROCEDURE	I I I M	**CALIBRATION BLOCK**		

<u>COMPONENT COOLING</u>								
903100	CC-2-SB-048-H3	F-C		TX-ISI-8		NOT EXAMINED. PART OF RR D-1.		
	CC-2-159-409-S53R	NOTE 1						
	R088 839SB							
903150	CC-2-SB-048-H3	D-A	VT-3	TX-ISI-8		NOT EXAMINED. REF RR. D-1.		
	CC-2-159-409-S53R	D1.20						
	R088 839SB							
903800	CC-2-SB-052-H3	F-C	VT-3	TX-ISI-8		NOT EXAMINED. PART OF RR. D-1.		
	CC-2-155-408-S53R	NOTE 1						
	R088 839SB							
903850	CC-2-SB-052-H3	D-A	VT-3	TX-ISI-8		NOT EXAMINED. REF RR. D-1.		
	CC-2-155-408-S53R	D1.20						
	R088 839SB							
<u>MAIN STEAM</u>								
912800	MS-2-SB-001-H1	F-C		TX-ISI-8	x			
	MS-2-415-001-S23R	NOTE 1						
	2-074							
912850	MS-2-SB-001-H1	D-A		TX-ISI-8	x			
	MS-2-415-001-S23R	D1.20						
	2-074							
912900	MS-2-SB-001-H2	F-C		TX-ISI-8	x			
	MS-2-416-401-S33R	NOTE 1						
	2-074							

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FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 3 COMPLETED COMPONENTS

SUMMARY EXAMINATION AREA		ASME			G	REMARKS
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	N E	
		ITEM NO	METHOD	PROCEDURE	N R R O I I I M	

<u>MAIN STEAM</u>						
913600	MS-2-SB-002-H1	F-C		TX-ISI-8	x	
	MS-2-416-405-S43R	NOTE 1				
	2-082					
913650	MS-2-SB-002-H1	D-A		TX-ISI-8	x	
	MS-2-416-405-S43R	D1.20				
	2-082					
<u>SERVICE WATER</u>						
919700	SW-2-AB-007-H2	F-C		TX-ISI-8	x	
	SW-2-012-022-F33K	NOTE 1				
	RFBSW787AB					
919750	SW-2-AB-007-H2	D-A		TX-ISI-8	x	
	SW-2-012-022-F33K	D1.20				
	RFBSW787AB					
921600	SW-2-AB-008-H13	F-C		TX-ISI-8	x	
	SW-2-129-004-A33K	NOTE 1				
	R175 787AB					
921650	SW-2-AB-008-H13	D-A		TX-ISI-8	x	
	SW-2-129-004-A33K	D1.20				
	R175 787AB					

Appendix C

**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 2 through 9 for weld locations and surface configurations.

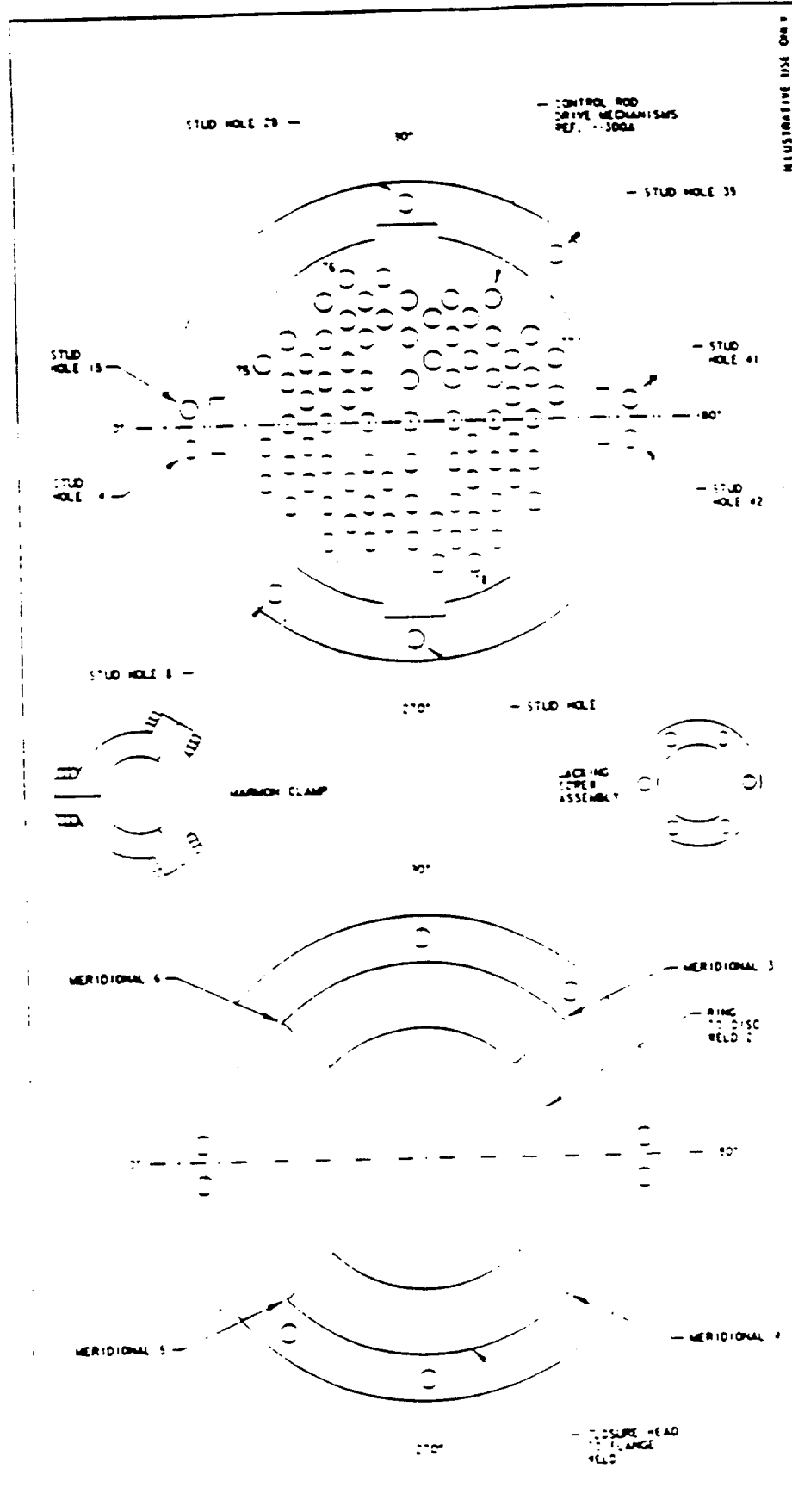
There were no recordable indications identified by the best effort volumetric examination or by the required surface examination performed on TCX-1-1300-1.

- E. Alternate examinations:

None

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

None



TU ELECTRIC
CPSES UNIT 2
INSERVICE INSPECTION
LOCATION ISOMETRIC
REV. 1 09:01 94
ICX-1-1300

DESCRIPTION: R.V. CLOSURE HEAD

NOTES: WELDS 1 THRU 6 - 1/16" MIN

APPROVAL: RB May 1994

WESTINGHOUSE NUCLEAR SERVICE DIVISION
INSPECTION SERVICES

LIMITATION TO EXAMINATION

PLANT COMANCHE PEAK UNIT NO. 2 SKETCH TCX-1-1300 REV. 1
 SYST. COMP. RV CLOSURE HEAD PROCEDURE TCX-ISI-210 REV. 2
 EXAMINER James E. Sullivan Paul E. Bluke II DATE 10-16-94
 ANSII Reviewed John 10/31/94
 RELATED TO: JT X PT MT VT DBIT. NO. 1, 2 & 6

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

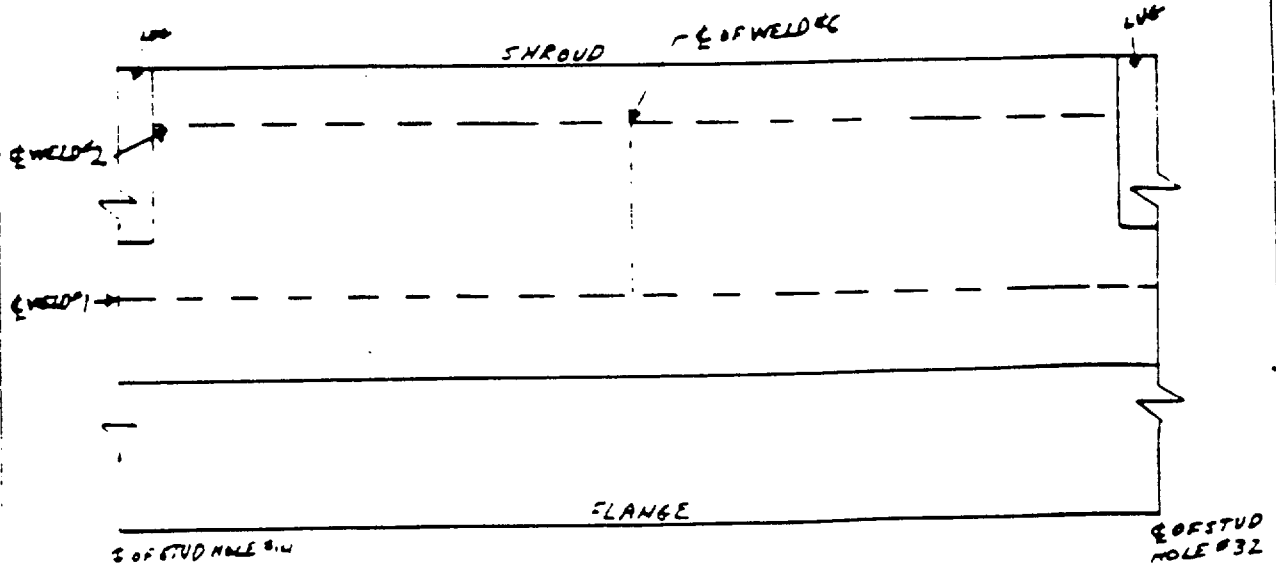
WELD # 1

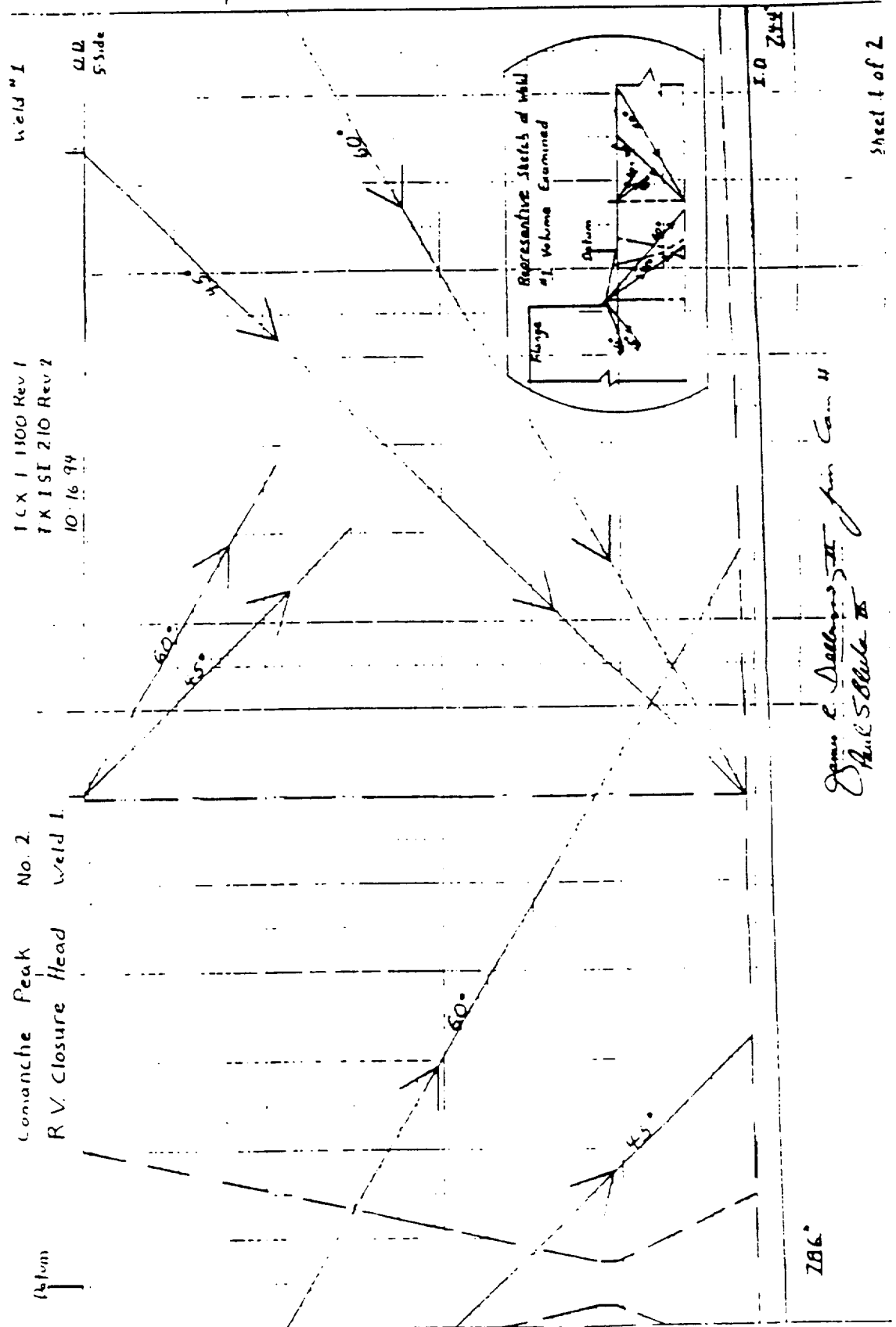
15% OF REQUIRED EXAMINATION VOLUME NOT EXAMINED.
 99% EXAMINED WITH THE 45° AND 60° IN AT LEAST ONE DIRECTION.
 45°-8% NOT EXAMINED.
 60°-15% NOT EXAMINED.

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.







WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-00-028PAGE 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-1-1300-2RELATED TO ☐ MT ☐ PT ☒ UT ☐ VT

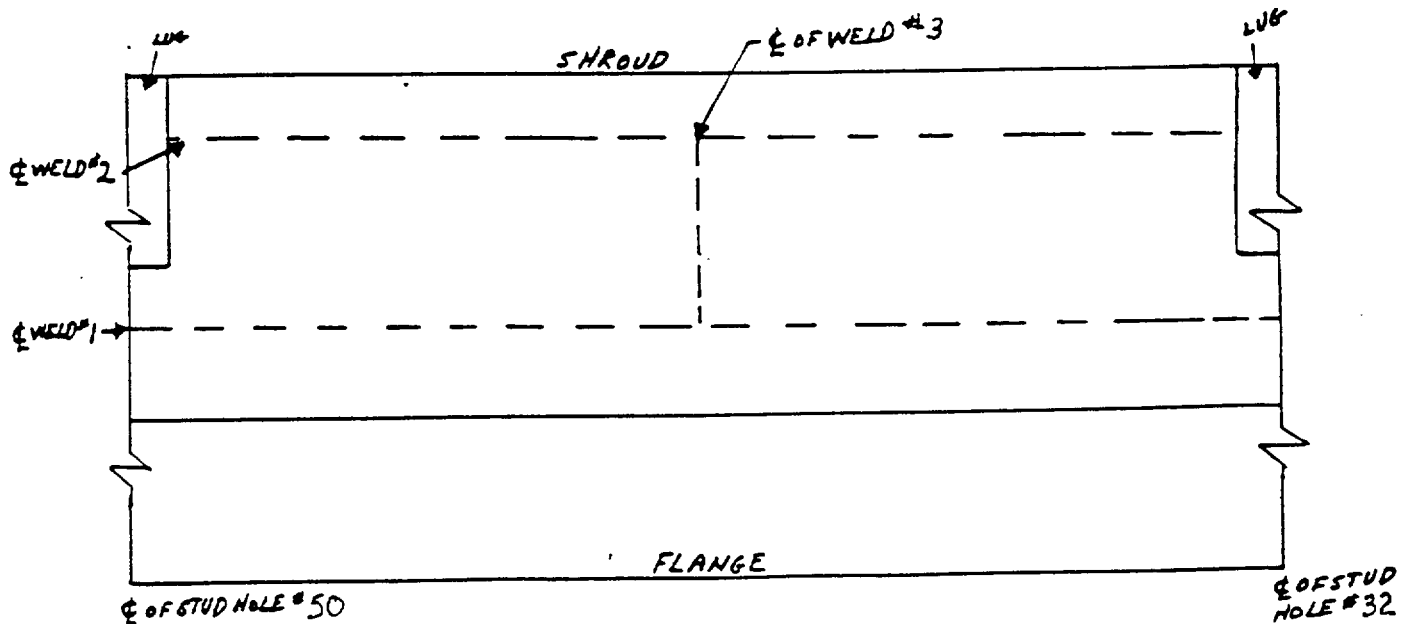
PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

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

Paul N. Bantz 10-9-00

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan 10/13/00

ANII REVIEW / DATE

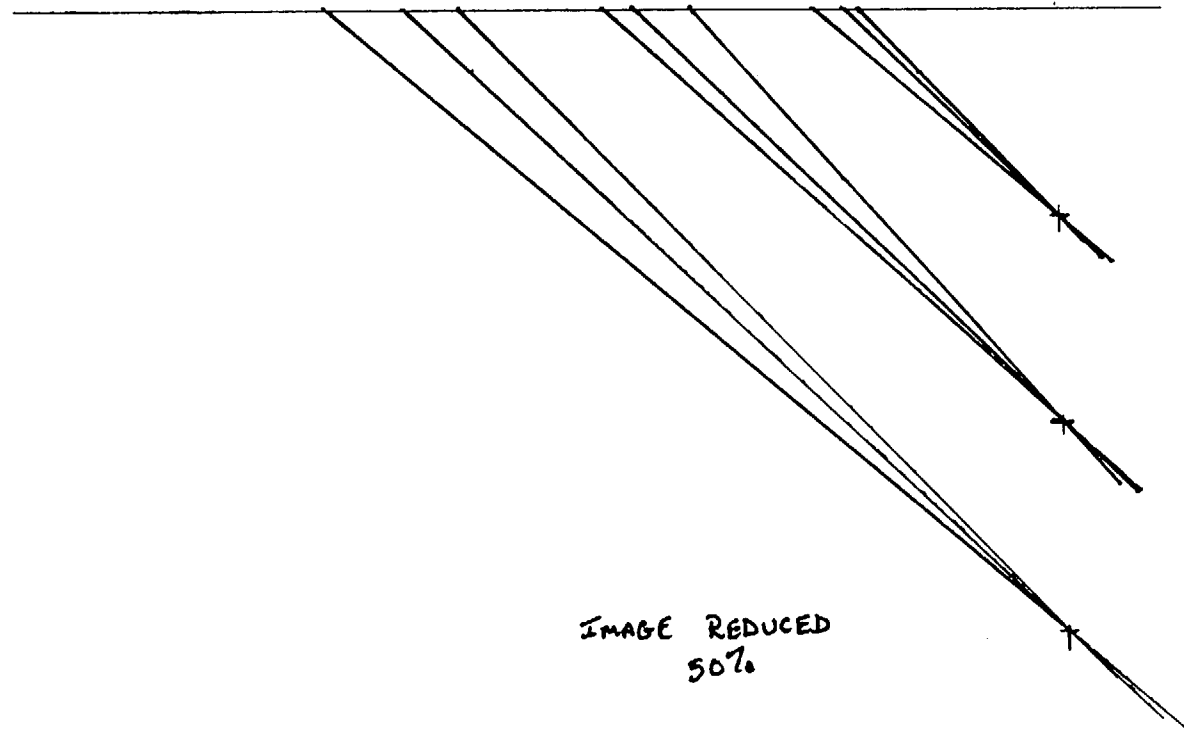
Joe C. Hair 10/13/00

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICESREPORT NO. BS-00003
PAGE 1 OF 1

BEAM SPREAD

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

COMMENTS/SKETCH/DETAILS



TU ELECTRIC REVIEW / DATE

Paul M. Bandy

10-9-00

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan 10/13/00

ANII REVIEW / DATE

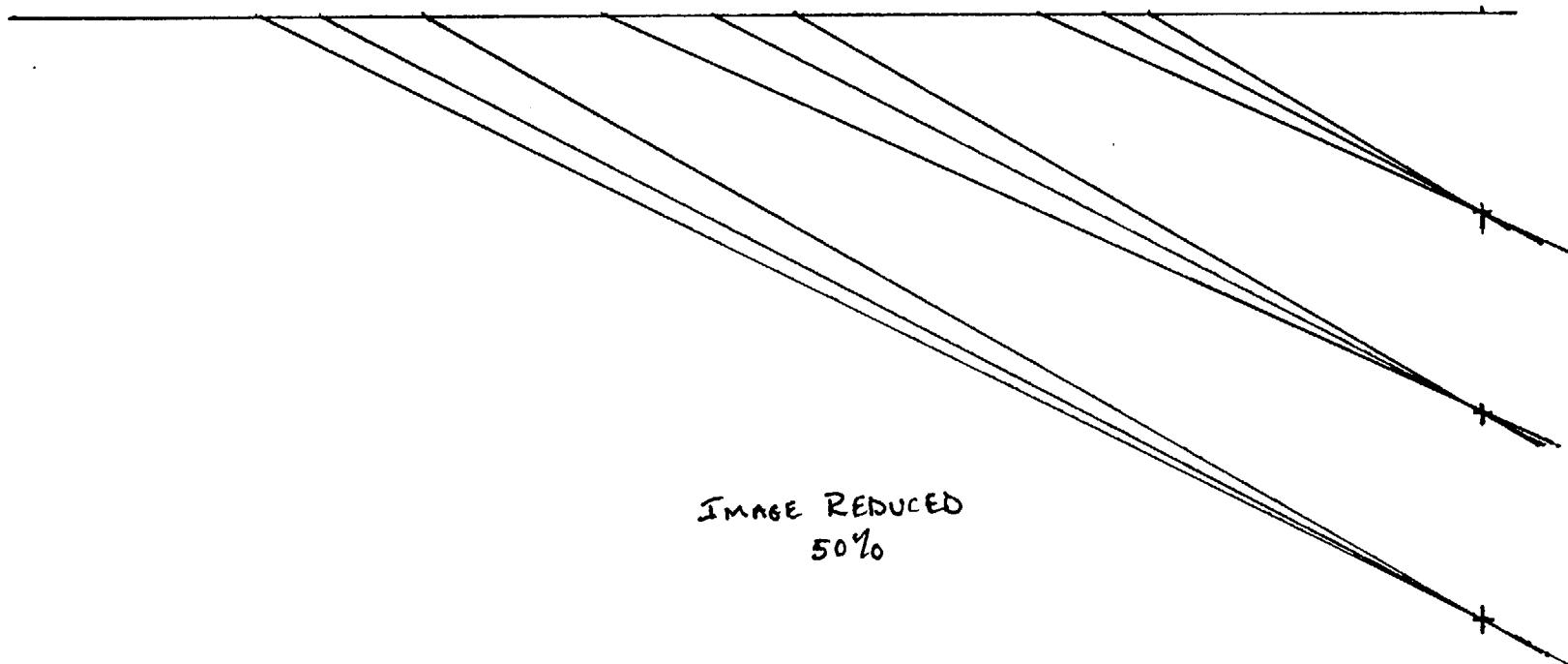
Joe P. Hain

10/13/00

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICESREPORT NO. BS-00004PAGE 1 OF 1

BEAM SPREAD

PLANT	<u>Comanche Peak</u>	UNIT	<u>2</u>	SKETCH	<u>N/A</u>
SYST/COMP	<u>RC</u>			PROCEDURE	<u>TX-ISI-210</u> Rev. 4 FC <u>N/A</u>
EXAMINER	<u>Erickson, Scott</u> <i>Scott R. Erickson</i>	LEVEL	<u>II</u>	DATE	<u>10/8/2000</u>
EXAMINER	<u>N/A</u>	LEVEL	<u>N/A</u>	DATE	
TRANSDUCER S/N	<u>009Y81</u>	ANGLE	<u>60°</u>	CAL. BLOCK	<u>TBX-29</u>
SIZE	<u>.5"x1"</u>	FREQUENCY	<u>2.25 MHz</u>	THICKNESS	<u>8.6</u>

COMMENTS/SKETCH/DETAILS

TU ELECTRIC REVIEW / DATE

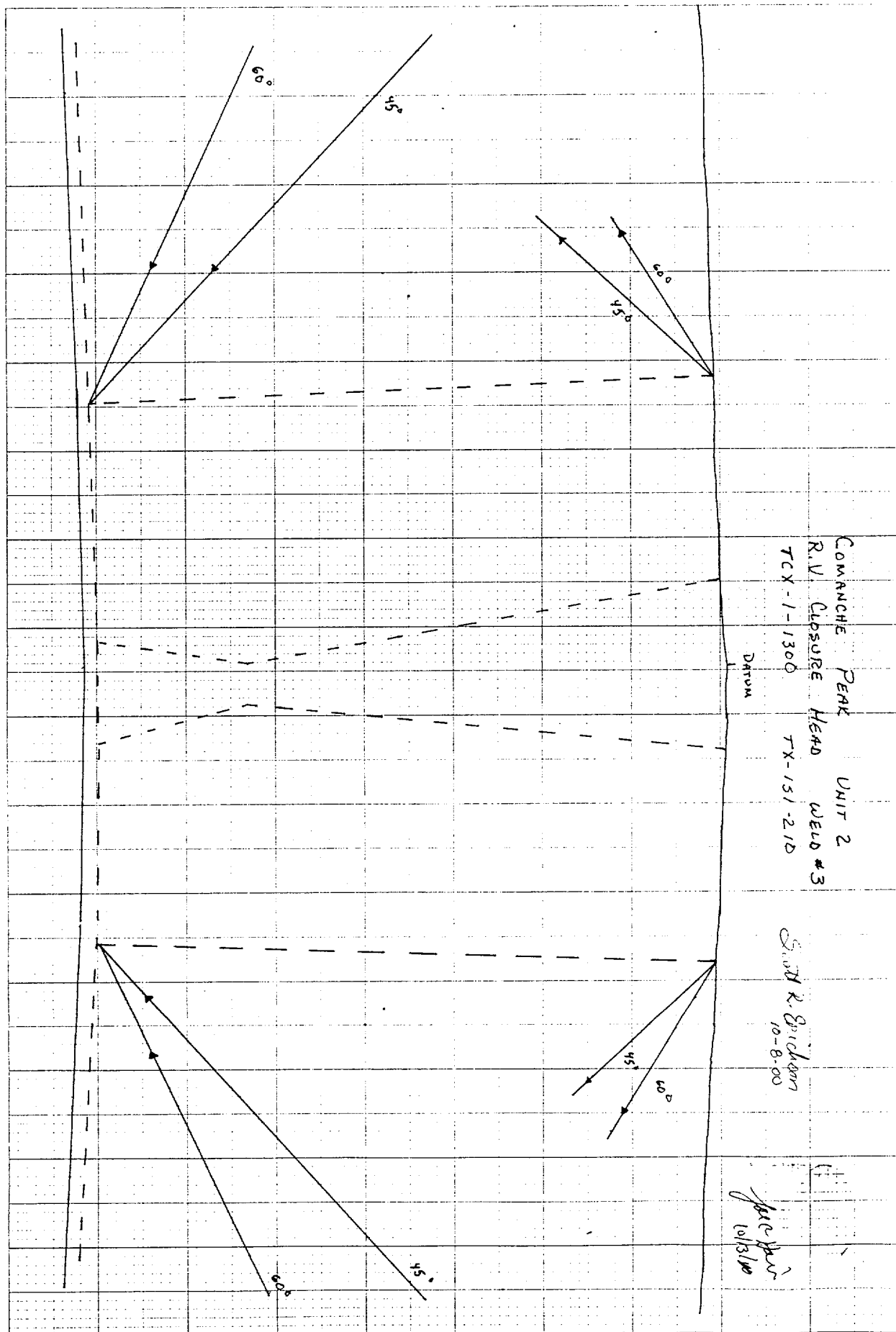
Paul M. Benson 10-9-00

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan 10/13/00

ANII REVIEW / DATE

Joe C. Hair 10/13/00



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.

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

STeam GENERATOR				FIELD	MATERIAL	BOLTING	INSIDE RADIUS
1	1-1	NOTSIDE COLLAPSE	1-B1 TO 1-B16 1-B17 TO 1-B32	1A 1B			
2	2-1	NOTSIDE COLLAPSE	2-B1 TO 2-B16 2-B17 TO 2-B32	2A 2B			
3	3-1	NOTSIDE COLLAPSE	3-B1 TO 3-B16 3-B17 TO 3-B32	3A 3B			
4	4-1	NOTSIDE COLLAPSE	4-B1 TO 4-B16 4-B17 TO 4-B32	4A 4B			

WELD 2 REF. 2-1100P

CHANGES MADE TO
TUBESIDE WELD
1-1, 2-1, 3-1 & 4-1

NOTES:

DESCRIPTION: STEAM GENERATORS 1, 2, 3 & 4
 (TUBESIDE) 5.3"/SA-508
 (HEADSIDE) 5.3"/SA-216
 (BOLTING) 1.875" DIA./16.11" LENGTH

ILLUSTRATIVE USE ONLY

TU ELECTRIC
CPSES UNIT 2

INSERVICE INSPECTION
LOCATION ISOMETRIC

TCX-1-3100 REV. 1 09-01-94

APPROVAL: *PB May 94*

APPROVAL: *PB May 94*

CPSES UNIT 2 RELIEF REQUEST NO. B-5 PAGE 3 OF 10

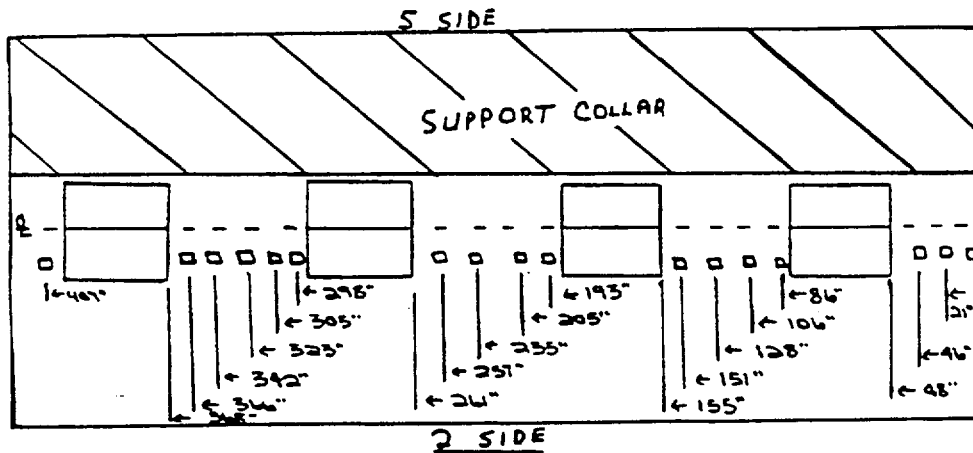
WESTINGHOUSE NUCLEAR SERVICES DIVISION

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 Paul S. Blum DATE 11-18-97

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

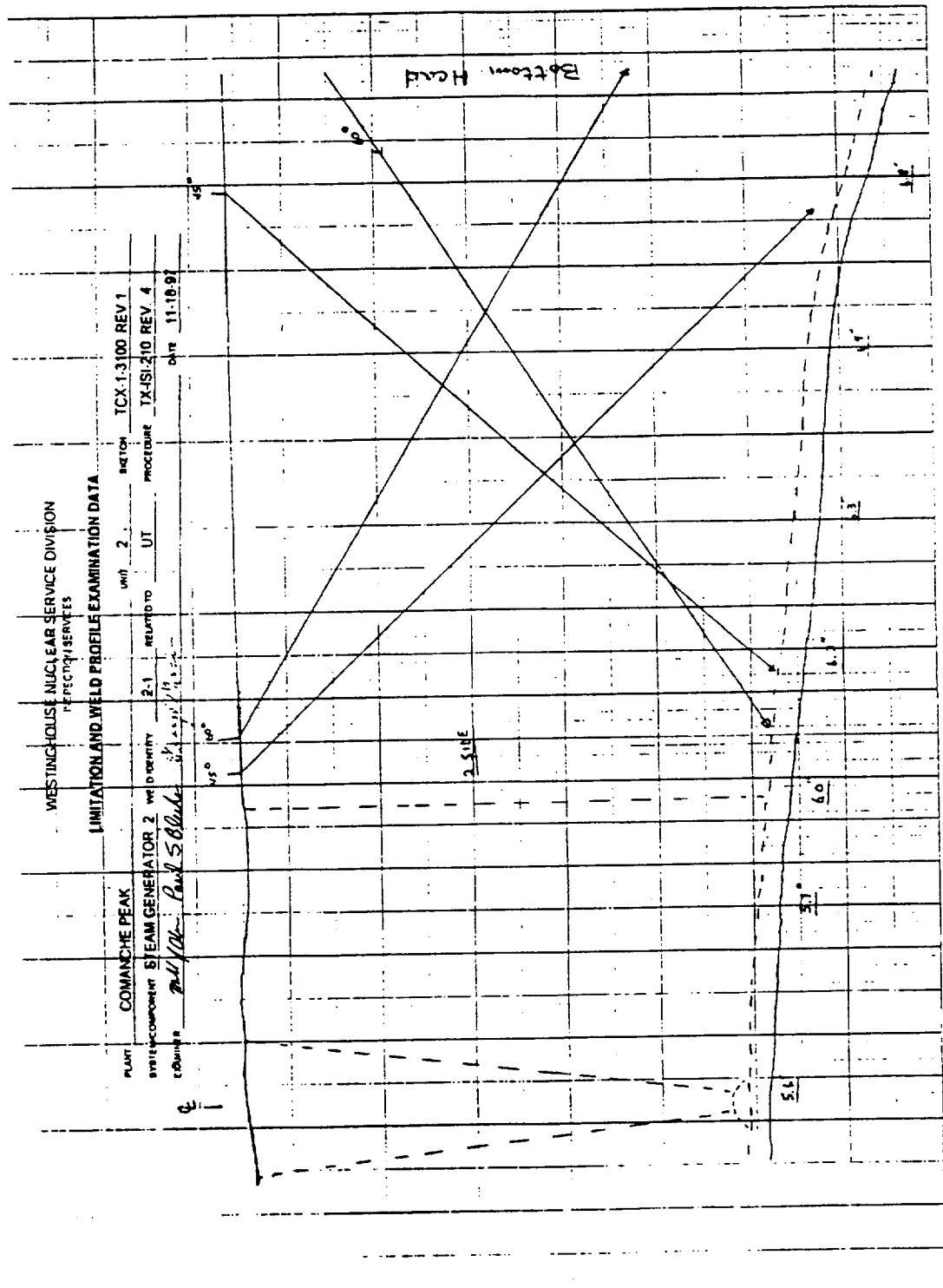
PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.



FOUR 24" X 24" SUPPORT PADS RESTRICTS 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 1/11/98



WESTINGHOUSE NUCLEAR SERVICES DIVISION

REPORT NO. UT-00-021PAGE 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 *W. Andrew* LEVEL II DATE 10/5/2000

EXAMINER Holasek, Wade *Wade Holasek* LEVEL III DATE 10/5/2000

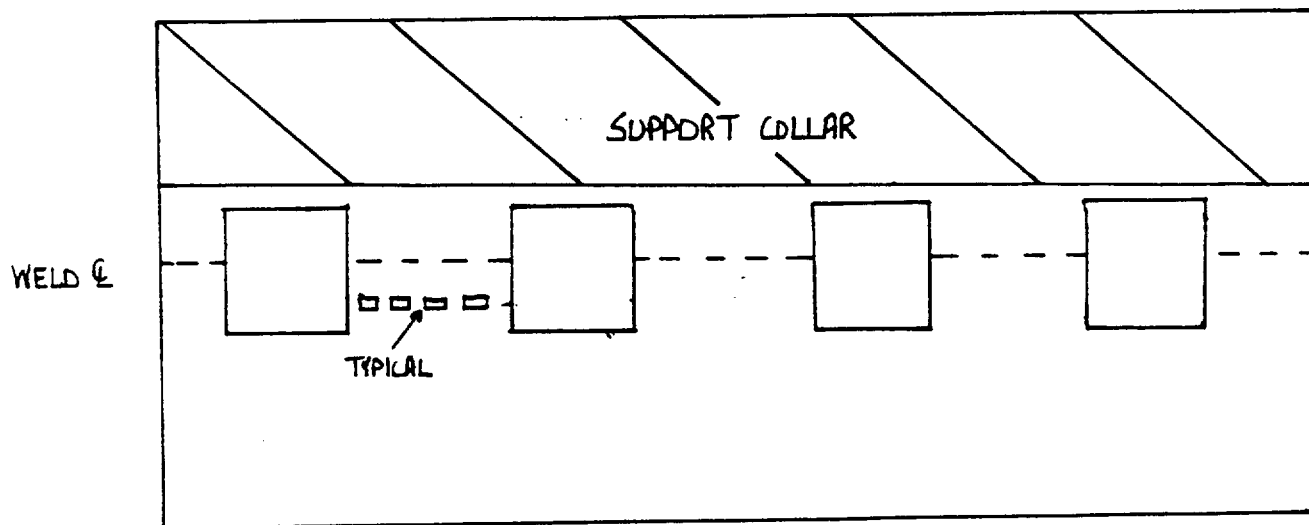
COMPONENT ID TCX-1-3100-1-1RELATED TO MT PT ☒ UT VT

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.

5 SIDE



2 SIDE

TU ELECTRIC REVIEW / DATE

Paul M. Boudry 10-4-00

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragam 10/12/00

ANII REVIEW / DATE

Joe C. Hair 10/13/00

WESTINGHOUSE NUCLEAR SERVICES DIVISION
INSPECTION SERVICESREPORT NO. BS-00001PAGE 1 OF 1

BEAM SPREAD

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

COMMENTS/SKETCH/DETAILS

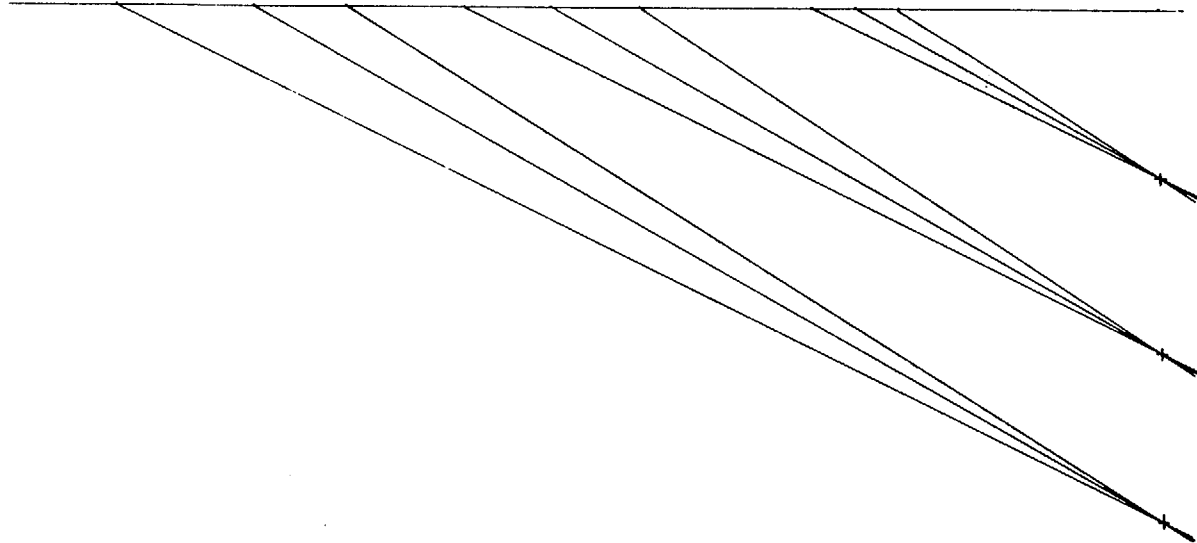


IMAGE REDUCED 64%

TU ELECTRIC REVIEW / DATE

Paul M. [Signature] 10-9-00

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragan 10/12/00

ANII REVIEW / DATE

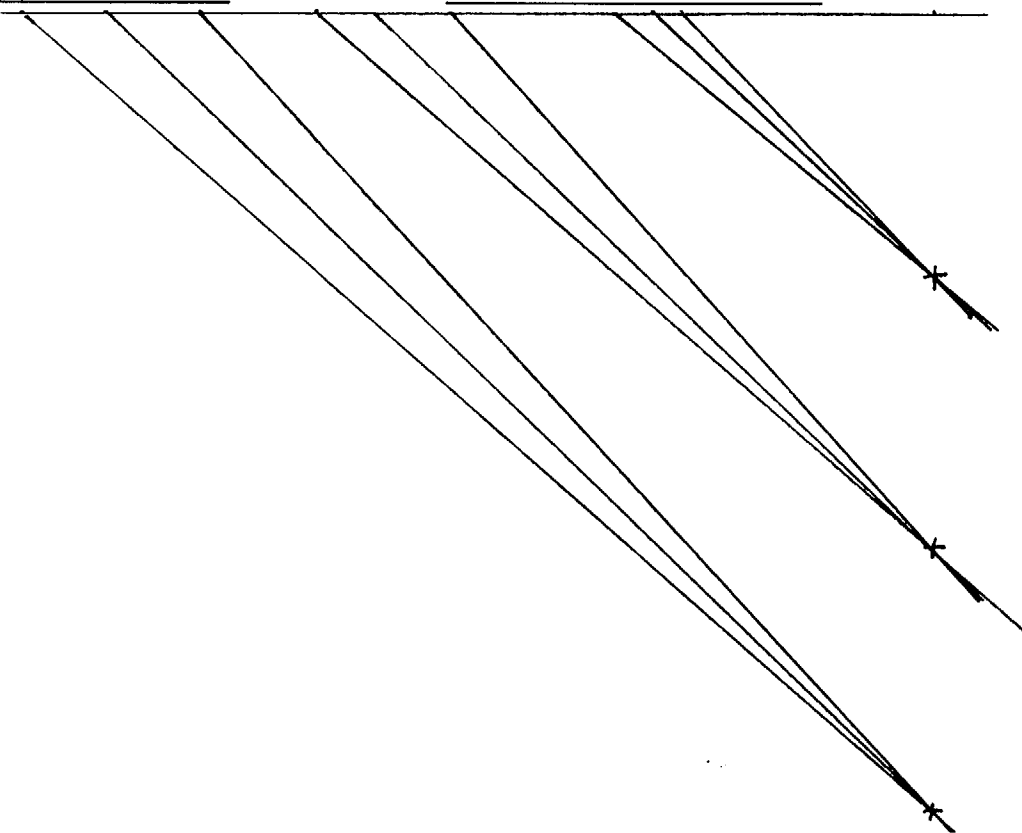
Joe P. Hain 10/13/00


 WESTINGHOUSE NUCLEAR SERVICES DIVISION
 INSPECTION SERVICES
REPORT NO. BS-00002PAGE 1 OF 1

BEAM SPREAD

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

COMMENTS/SKETCH/DETAILS



TU ELECTRIC REVIEW / DATE

Paul M. [Signature] 10-9-00

TU ELECTRIC LEVEL III REVIEW / DATE

J. Ragon 10/12/00

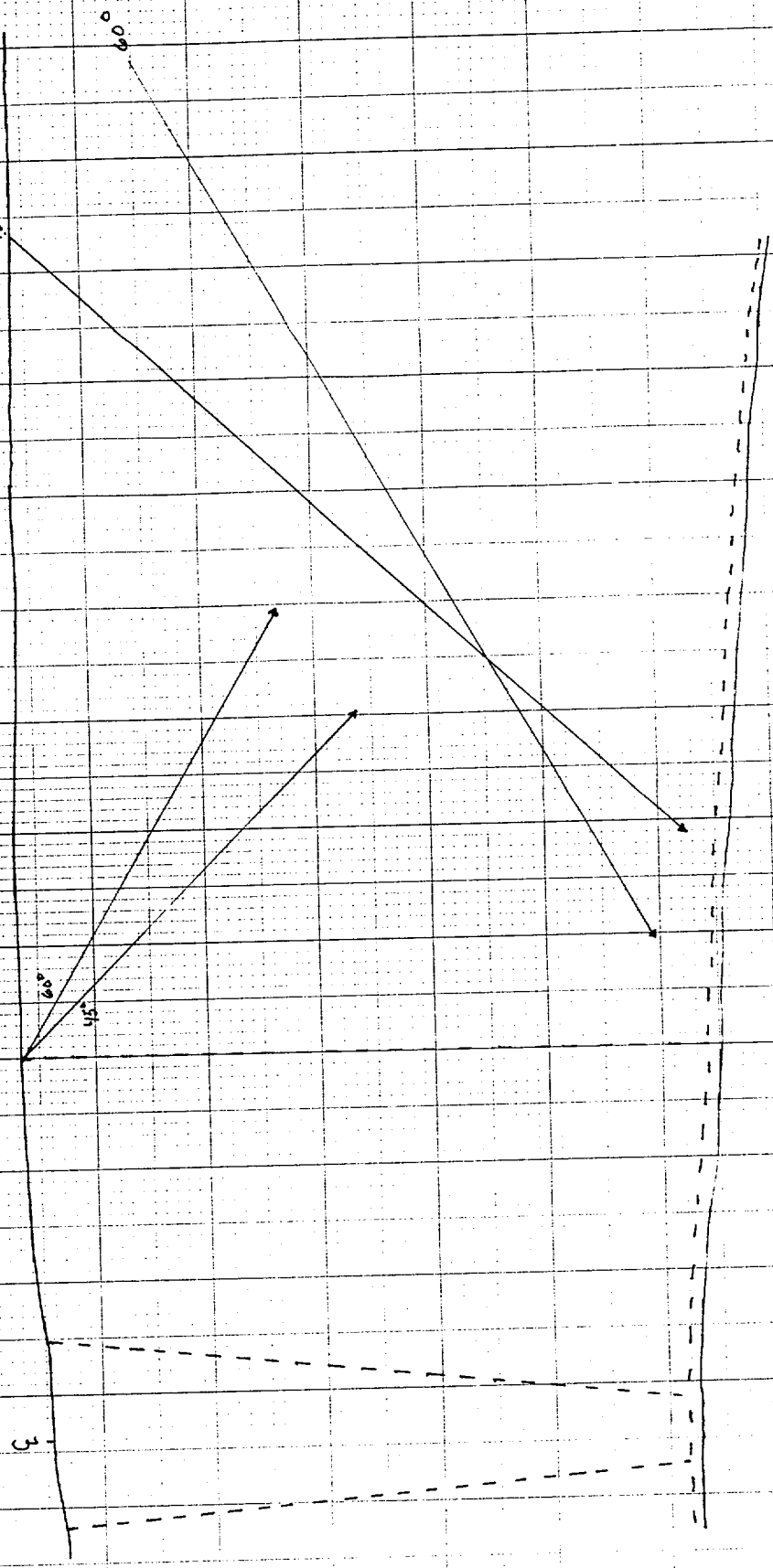
ANII REVIEW / DATE

Joe P. Hain 10/13/00

PROFILE OF THE EXAM VOLUME AND LIMITATIONS

COMANCHE PEAK UNIT 2 STEAM GENERATOR #1
 SKETCH: TCX-1-3100 REV. 1
 WELD: TCX-1-3100-1-1
 PROCEDURE: TX-151-210 REV. 4
 SCOTT R. Erickson LVII
 10-5-00

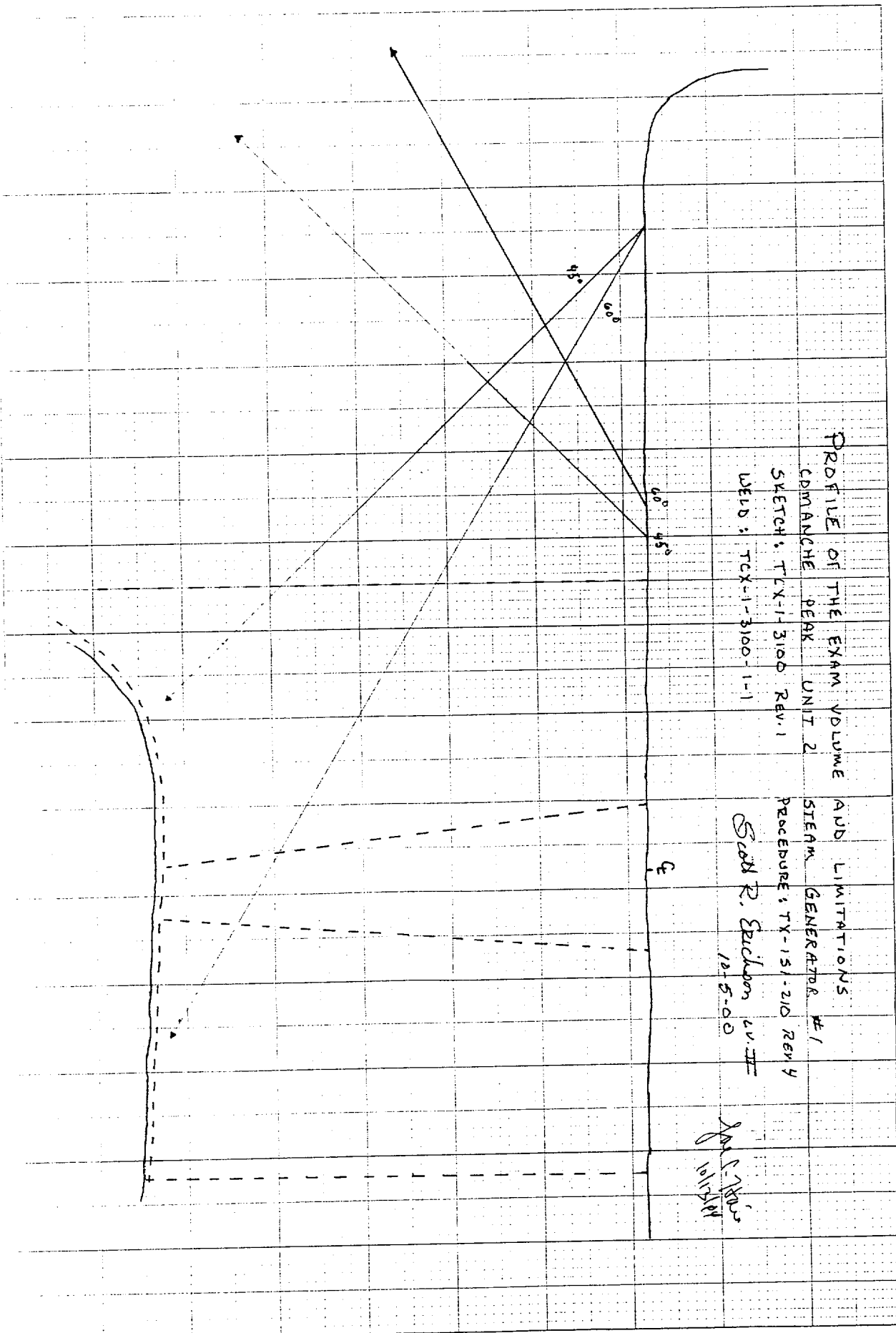
11/2/01
 J. M. H. H.



AND LIMITATIONS
STEAM GENERATOR #1
PROCEDURE: TX-151-210 REV 4

Scott R. Erickson v. II
10-5-00

for 5-7 hours
10/11/2011



**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 -20 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

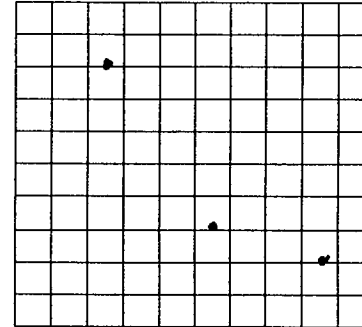
PDI**Calibration Data Sheet**

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 ☒
 Scan Area: I to Weld
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

**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

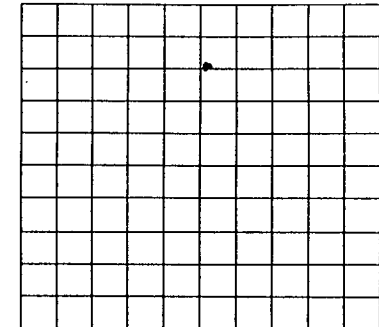
Search Unit Cable

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 dBSDH 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: NASDH Sensitivity: N/A

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 ☒

TU Electric Review / Date

[Signature] 10/14/00

TU Electric Level III Review / Date

[Signature] 10/13/00

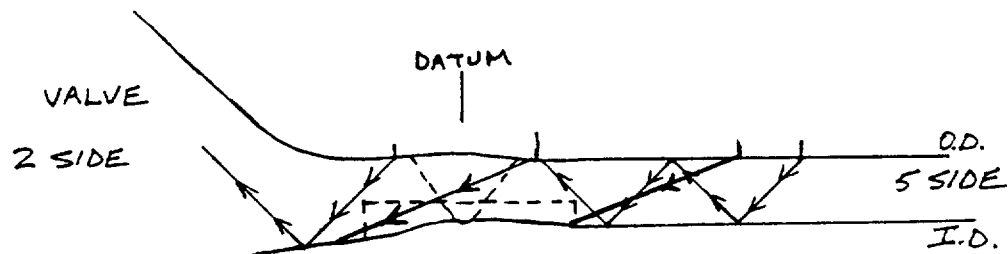
ANII Review / Date

[Signature] ANII witnessed Exam
10/14/00

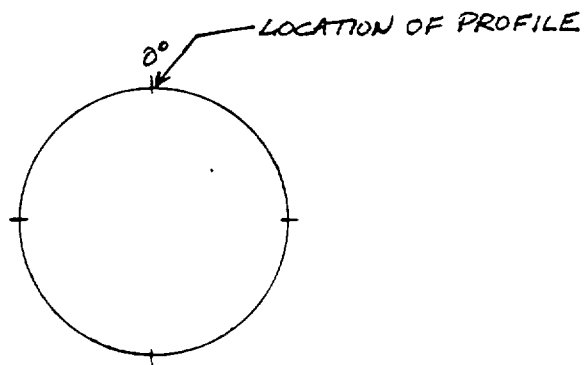
Westinghouse Nuclear Service Division
Inspection Services

PROFILE OF THE EXAMINATION VOLUME

Plant COMANCHE PEAK Unit 2 Sketch TCX-2-2577 REV. 0
System/Comp CONTAINMENT SPRAY Procedure TX-IST-206 REV. 1 F.C. 1 & 2
Weld Identification 12 Date 7-3-91 Examiner K. Bel
Level II



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

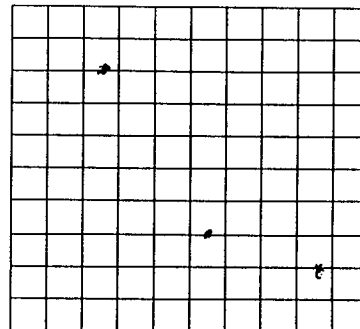
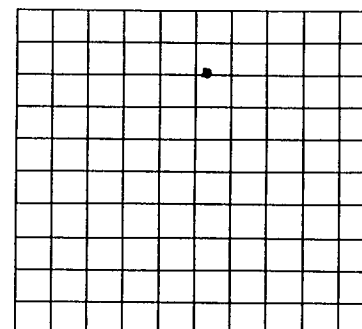


PDI**Calibration Data Sheet**

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 ☒ Austenitic

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

**Search Unit #1****Search Unit #2**Each Maj. or CRT Div. = 0.2"

Cal. Direction: Axial Circ. Both ☒
 Scan Area: I to Weld ☒
II to Weld

Couplant
 Type: Ultragel II
 Batch: 97425

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

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

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

Search Unit Cable

Type: RG-174
 Length: 6' No 0

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.

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.

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 ☒

Reference Sensitivity (Sens.)

Axial: 32.0 dB Circ: 34.2 dBSDH Sensitivity: N/A

Reference Sensitivity (Sens.)

Axial: 54.2 dB Circ: NASDH Sensitivity: N/A

TU Electric Review / Date

TU Electric Level III Review / Date

ANII Review / Date ANFI witnessed Cam

Paul M. Basile 10/12/00

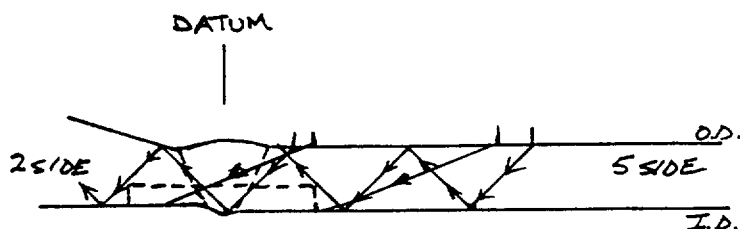
J. Ragan 10/13/00

J. C. Hair 10/14/00

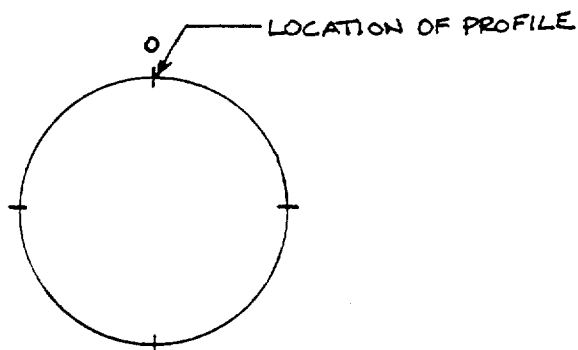
Westinghouse Nuclear Service Division
Inspection Services

PROFILE OF THE EXAMINATION VOLUME

Plant COMANCHE PEAK Unit 2 Sketch TCX-2-2577 REV.0
System/Comp CONTAINMENT SPRAY Procedure TX-TST-206 REV.1 FEB.1 & 2
Weld Identification 20 Date 7-2-91 Examiner [Signature]
Level II



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

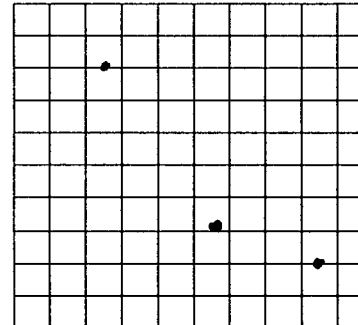


PDI**Calibration Data Sheet**

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 ☒ Austenitic
 Each Maj. or CRT Div. = 0.2" / 0.1"
 Cal. Direction: Axial Circ. Both ☒
 Scan Area: I to Weld
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

**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

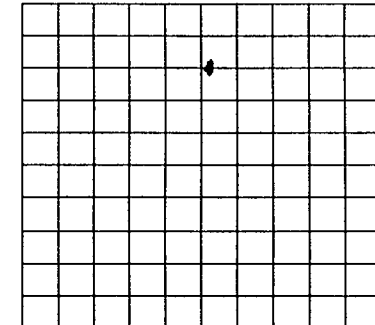
Search Unit Cable

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 dBSDH 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: 56.4 dB Circ: NASDH Sensitivity: N/A

Examination Area/Weld	Access	Recordable Indications			Exam Sens.
		Yes	No	Geom	
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. Jellison Level III Date 09-24-00
N/A Level N/A Date N/A

Reviewers: [Signature] Further Evaluation Required? Yes No ☒

TU Electric Review / Date

Paul M. Bensinger 10/14/00

TU Electric Level III Review / Date

J. Ragan 10/13/00

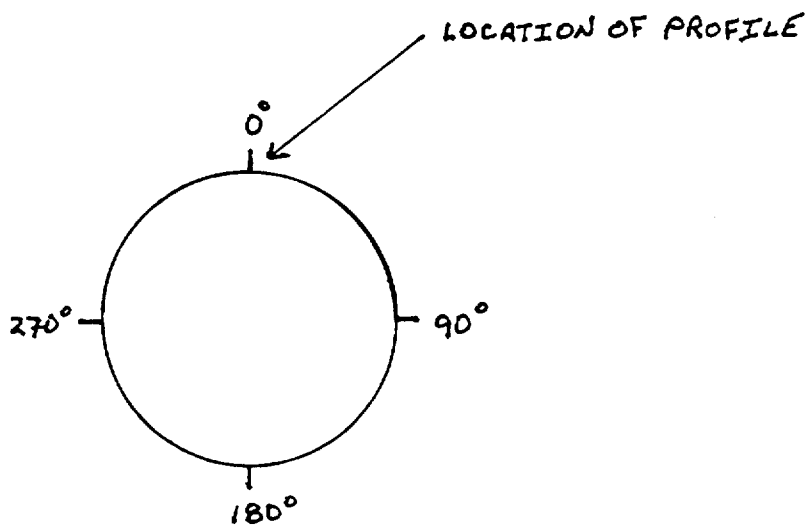
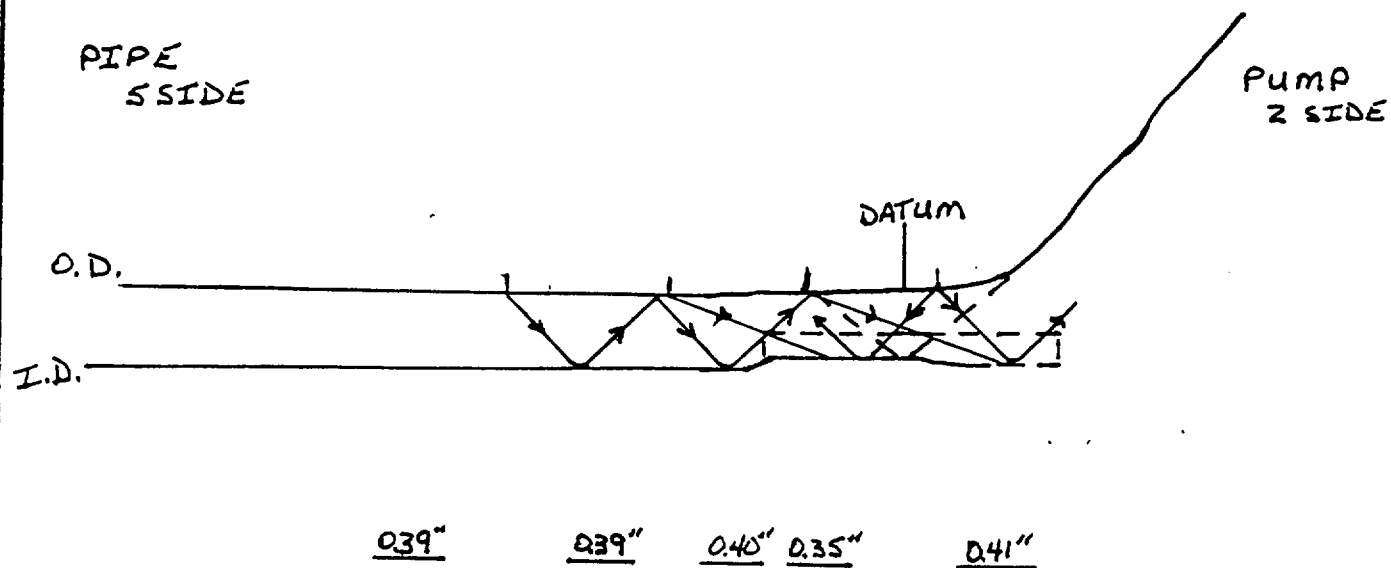
ANII Review / Date

Anty witnessed exam
Joe C. Hair 10/14/00

Westinghouse Nuclear Service Division
Inspection Services

PROFILE OF THE EXAMINATION VOLUME

Plant COMANCHE PEAK Unit NO. 2 Sketch ICX-2-257B REV. 0
System/Comp CONTAINMENT SPRAY Procedure IX-IST-206 REV. 1 E.C. 1+2
Weld Identification 35 Date 6-5-92 Examiner C. William Nemeth
Level II



Appendix D

2RF05
Unit 2 NIS-2

2AF01-001	2CS01-002	2MS01-003
2AF01-002	2CS01-003	2MS01-004
2AF01-003	2DO01-001	2RC01-001
2AF01-004	2DO01-002	2RC01-002
2CC01-001	2FW01-001	2RC01-003
2CC01-002	2FW01-002	2RC01-004
2CC01-003	2FW01-003	2RC01-005
2CC01-004	2FW01-004	2SI01-001
2CH01-001	2MS01-001	2VA01-001
2CS01-001	2MS01-002	

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 9, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
4. Identification of System Auxiliary Feedwater Reference 2AF-2
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases NA
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, NA Addenda, Code Cases NA
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.		REPAIR repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>R. B. Mays</u>	/Engineering Programs Manager Owner or Owner's Designee, Title	Date <u>1/14/01</u>	<u>1/14/01</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 99</u> to <u>Feb, 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe L. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Auxiliary Feedwater

Date January 9, 2001

Sheet 2 of 2

Unit 2

TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2AF-2

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 PUMP CP2-AFAPTD-01	INGERSOLL-RAND 057638	334	1979	REPAIR	YES	1-00-129009-00	DRILL HOLES IN PUMP SKID FOR GROUT

John 1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2AF-4
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RBMays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	<u>19</u>
Owner or Owner's Designee, Title		<u>RA 1-14-01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July June 1999</u> to <u>Feb. 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>J. C. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>RA 1-14-01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Auxiliary Feedwater

Date January 10, 2001Sheet 2 of 2Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2AF-4

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 SUPPORT AF-2-025-401-S33S BRP-AF-2-SB-030A	BROWN & ROOT N/A	N/A	1992	REPLACEMENT	YES	1-00-133035-00	REPLACED SPRING CAN, REWELDED SUPPORT

John (1/17/01)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2AF-2
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mayes /Engineering Programs Manager Date 1-14-01
Owner or Owner's Designee, Title Feb 11/12/01

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period JULY 1999 to Feb 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1080
Inspector's Signature National Board, State, Province, and Endorsements

Date 17 January 2001
Feb 11/12/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Auxiliary Feedwater

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2AF-2

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 ORIFICE CP2-AFORBO-01 BRP-AF-2-SB-017	INGERSOLL-RAND SOP 11483	665	1980	REPLACEMENT	YES	2-98-122072-01	REPLACED ORIFICE, NEW S/N 98P-91953, RIR 24159
ITEM: 2 ORIFICE CP2-AFORBO-01 BRP-AF-2-SB-017	INGERSOLL-RAND 98P-91953	1116	1998	REPLACEMENT	YES	2-98-122072-01	REWELDED CODE PLATE, CODE YEAR: 1989 EDITION
ITEM: 3 PIPING BRP-AF-2-SB-017	BROWN & ROOT N/A	N/A	1992	REPAIR	YES	2-98-122072-01	REPAIR MIN WALL BY WELDING AT FW-14A, 15A

juh
11/17/01

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

**As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production**

Pg. 1 of 2

1. Manufactured and certified by Ingersoll-Dresser Pump Company, Engineered Pump Group
942 Memorial Parkway, Phillipsburg, NJ 08865

2. Manufactured for Texas Utility Electric Company
P.O. Box 20, Dallas Tx. 75221

3. Location of installation Comanche Peak
Glen Rose, Tx. 76043

4. Type: 300D438AJX14 GR. B 60,000 NA 1998
(drawing no.) (mat'l spec no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1: 1989 NA 3 NA
(edition) (addenda date) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) NA Rev. NA Date NA

7. Remarks: IDP Order #: 076-65667, Texas Utility Order #: SO2748236D2.

8. Nom. thick. (in.) NA Min. design thick. (in.) NA Dia. ID (ft&in.) NA Length overall (ft&in.) NA

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>98P-91953</u>	<u>1116</u>	(12) _____	
(2) _____		(13) _____	
(3) _____		(14) _____	
(4) _____		(15) _____	
(5) _____		(16) _____	
(6) _____		(17) _____	
(7) _____		(18) _____	
(8) _____		(19) _____	
(9) _____		(20) _____	
(10) _____		(21) _____	
(11) _____		(22) _____	

10. Design pressure 1800 psi. Temp. 150 oF. Hydro. test pressure 2700 at temp. oF

*Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 thru 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E00037) may be obtained from the order dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM N-2 (Back - of Pg. 2 of 2)

Certificate Holder's Serial # 98P-91953 through NA

CERTIFICATION OF DESIGN

Design Specification certified by NA P.E. State Reg. #

Design Report* certified by NA P.E. State Reg. #

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization # N1867 Expires 27, September, 2001
Ingersoll-Dresser Pump
 Date 12/2/98 Name Engineered Pump Group Signed [Signature]
 (NPT Certificate Holder) (Auth. Rep.)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of PA and employed by H.S.B.I. & I Co. of Hartford, CT. have inspected the pump, or valve, described in this Data Report on 12/30/98, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 12/30/98 Signed [Signature] Commissions NB11423 'NA' PA2682
 (Auth. Insp.) [Nat'l Bd. (include endorsements) and state or prov. and #]

RR24159

2AF01-003

INGERSOLL-DRESSER PUMP COMPANY
ENGINEERED PUMP GROUP
ATTACHMENT FORM NPV-1.

1. Manufactured and certified by Ingersoll-Dresser Pump Company
Engineered Pump Group
942 Memorial Parkway,
Phillipsburg, NJ 08865
(Name and address of NPT certificate holder)
2. Manufactured for Texas Utility Electric Company
P.O. Box 20, Dallas TX. 75221
(Name and address of purchaser)
3. Location of installation Comanche Peak
Glen Rose, TX. 76043
(Name and address)
4. Type: Orifice Assy. Drawing: 300D438AJX14 Rev.: OO CRN NA
5. Nat'l. Bd. # : 1116 Part S/N: 98P-91953
6. IDP Order # : 07665667

<u>DESCRIPTION</u>	<u>MATERIAL SPEC.</u>	<u>MANUFACTURER</u>
Orifice Assy. Shell	ASME SA106 GR.B	Energy & Process, HT 98610

 12/30/98
N CERTIFICATE HOLDER

 12/30/98
AUTHORIZED NUCLEAR INSPECTOR

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2AF-2
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACED/REPAIR	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1/14/01</u>	<u>1/14/01</u>
Owner or Owner's Designee, Title			

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe C. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>Joe C. Hair</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

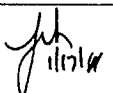
1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Auxiliary Feedwater

Date January 10, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2AF-2

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 ORIFICE CP2-AFORBO-02 BRP-AF-2-SB-027	INGERSOLL-DRESSER 80P-11482	661	1980	REPLACED	YES	2-98-112075-00	REPLACED ORIFICE, NEW S/N 98P-91954, RR 24159
ITEM: 2 ORIFICE CP2-AFORBO-02 BRP-AF-2-SB-027	INGERSOLL-DRESSER 98P-91954	1117	1989	REPLACED	YES	2-98-112075-00	REMOVE TACK WELDS FOR CODE PLATE & REINSTALL CODE PLATE BY WELDING, CODE YEAR: 1989 EDITION
ITEM: 3 PIPING BRP-AF-2-SB-027	BROWN & ROOT N/A	N/A	1992	REPAIR	YES	2-98-112075-00	REPAIR MIN WALL BY WELDING FW 31B, FW 32B



**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

RR 24159

As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

CP2 AF OR 60-02

Pg. 1 of 2

1. Manufactured and certified by Ingersoll-Dresser Pump Company, Engineered Pump Group
942 Memorial Parkway, Phillipsburg, NJ 08865
2. Manufactured for Texas Utility Electric Company
P.O. Box 20, Dallas Tx. 75221
3. Location of installation Comanche Peak
Glen Rose, Tx. 76043
4. Type: 300D438AJX14 GR. B 60,000 NA 1998
(drawing no.) (mat'l spec no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1989 NA 3 NA
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) NA Rev. NA Date NA
7. Remarks: IDP Order #: 076-65667, Texas Utility Order #: SO2748236D2.

8. Nom. thick. (in.) NA Min. design thick. (in.) NA Dia. ID (ft&in.) NA Length overall (ft&in.) NA

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) 98P-91954	1117	(12)	
(2)		(13)	
(3)		(14)	
(4)		(15)	
(5)		(16)	
(6)		(17)	
(7)		(18)	
(8)		(19)	
(9)		(20)	
(10)		(21)	
(11)		(22)	

10. Design pressure 1800 psi. Temp. 150 oF. Hydro. test pressure 2700 at temp. oF

*Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 thru 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E00037) may be obtained from the order dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

2AF01-004

FORM N-2 (Back - of Pg. 2 of 2)Certificate Holder's Serial # 98P-91954 through NA

CERTIFICATION OF DESIGN

Design Specification certified by NA P.E. State Reg. # Design Report* certified by NA P.E. State Reg. #

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization # N1867 Expires 27, September, 2001
Date 12/30/98 Name Ingersoll-Dresser Pump
Engineered Pump Group Signed [Signature]
(NPT Certificate Holder) (Auth. Rep.)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of PA and employed by H.S.B.I. & I Co. of Hartford, CT. have inspected the pump, or valve, described in this Data Report on 12/30/98, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 12/30/98 Signed [Signature] Commissions NB11423 'NA' PA2682
(Auth. Insp.) [Nat'l Bd. (include endorsements) and state or prov. and #]

2AF01-004

INGERSOLL-DRESSER PUMP COMPANY
ENGINEERED PUMP GROUP
ATTACHMENT FORM NPV-1.

1. Manufactured and certified by Ingersoll-Dresser Pump Company
Engineered Pump Group
942 Memorial Parkway,
Phillipsburg, NJ 08865
(Name and address of NPT certificate holder)
2. Manufactured for Texas Utility Electric Company
P.O. Box 20, Dallas TX. 75221
(Name and address of purchaser)
3. Location of installation Comanche Peak
Glen Rose, TX. 76043
(Name and address)
4. Type: Orifice Assy. Drawing: 300D438AJX14 Rev.: 00 CRN NA
5. Nat'l. Bd. # : 1117 Part S/N: 98P-91954
6. IDP Order # : 07665667

<u>DESCRIPTION</u>	<u>MATERIAL SPEC.</u>	<u>MANUFACTURER</u>
Orifice Assy. Shell	ASME SA106 GR.B	Energy & Process, HT 98610

Richard 12/17/98

N CERTIFICATE HOLDER

J. H. H. H. 12/30/98
AUTHORIZED/NUCLEAR INSPECTOR

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CC-29
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	19 <u>2001</u>
Owner or Owner's Designee, Title <u>ph 1/17/01</u>		<u>RB 1-14-01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Jae C. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements <u>ph 1/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Component Cooling Water

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2CC-29

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-4573	FISHER CONTROLS BF 228556	4409	1979	REPLACEMENT	YES	1-00-128343-00	TACK WELD PINS TO DISC

John Miller

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2CC-29
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R B Mays /Engineering Programs Manager Date 1-14-01
Owner or Owner's Designee, Title Superintendent Jan 11/2/01 19 81

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period July 1999 to Feb 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe P. Hair Commissions Texas 1080
Date 17 January 2001 National Board, State, Province, and Endorsements Jan 11/2/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Component Cooling Water

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2CC-29

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-4575	FISHER CONTROLS BF 228578	4905	1979	REPLACEMENT	YES	1-00-128344-00	TACK WELD TAPER PINS TO DISC

gh
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CC-29
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPLACEMENT</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>RB Mays</u>	<u>RB Mays</u> /Engineering Programs Supervisor	Date <u>1-14-01</u>	<u>1-14-01</u>
Owner or Owner's Designee, Title		<u>John 11/17/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>John P. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>John 11/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Component Cooling Water

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2CC-29

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 PIPING BRP-CC-2-AB-027A	BROWN & ROOT N/A	N/A	1992	REPLACEMENT	YES	1-00-129436-00	REMOVED & REWELDED SECTION OF WELD 22-1A

John Miller

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CC-28
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPLACEMENT</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date	<u>1-14-01</u>
Owner or Owner's Designee, Title		<u>John 11/17/01</u>	<u>1/14/01</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe P. Hain</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>John 11/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Component Cooling Water

Date January 10, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2CC-28

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-4572	FISHER BF 228555	4325	1979	REPLACEMENT	YES	1-00-132216-00	TACK WELD PINS TO DISC

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CH-4
4. Identification of System Chilled Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases 1634.2
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACED
conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Manager Date 1-14-01
Owner or Owner's Designee, Title 11/17/01 1-14-01

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period July 1999 to Feb 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature J. P. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 17 January 2001
11/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Chilled Water

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2CH-4

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 HEAT EXCHANGER CP2-CHCICE-05	YORK DIVISION OF BW 81964	53625	1979	REPLACED	YES	1-99-125785-00	REPLACED STUDS & NUTS ON WATERBOX COVER

John
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CS-5
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	<u>10/1/14/01</u>
Owner or Owner's Designee, Title			

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>J. C. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements

John 11/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Chemical & Volume Control

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2CS-5

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 PIPE SUPPORT CS-2-079-412-C42K BRP-CS-2-RB-027	BROWN & ROOT N/A	N/A	1992	REPLACEMENT	YES	4-00-132629-00	REPLACED PIN ON SNUBBER

File 1/10/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CS-5
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>JB Mays</u>	/Engineering Programs <u>Manager</u>	Date	<u>1-17-01</u>
Owner or Owner's Designee, Title		<u>JBH 1/17/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u>	
of <u>Hartford, CT</u> have inspected the components described	
in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe C. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>12 January 2001</u>	National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Chemical & Volume Control

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2CS-5

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-LCV-0459	COPEL-VULCAN 7620-95372-203-1	987	1977	REPLACEMENT	YES	4-00-132900-00	REPLACED PLUG

gh
1/10/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2CS-12
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPAIR</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>RB Mays RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-20-01</u>	<u>1-20-01</u>
Owner or Owner's Designee, Title		<u>Feb 11/17/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe P. Hair</u>	Commissions <u>TEXAS 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>Feb 11/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Chemical & Volume Control

Date January 10, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2CS-12

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-FCV-0121	COPEL-VULCAN 7620-95372-219-1	1272	1977	REPLACEMENT REPAIR	YES	4-99-126358-00	REPLACED & MACHINED PLUG

John
11/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2D0-2
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPLACEMENT</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>TB Mays</u>	<u>ASME</u> / Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	<u>ASME 1-14-01</u>
Owner or Owner's Designee, Title			

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb. 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Jac E. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>Feb 11/21/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Diesel Generator Auxiliary

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2DO-2

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 PIPING BRP-DO-2-YD-009	BROWN & ROOT N/A	N/A	1992	REPLACEMENT	YES	2-00-130056-00	REPLACED PIPING

gh
1/11/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2D0-3
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3 *CODE CASE: N101(1712)N154(1791)
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	<u>RB Mays</u> / Engineering Programs Supervisor	Date	<u>1-14-01</u>
Owner or Owner's Designee, Title		<u>John 1/17/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe C. Hair</u>	Commissions <u>Texas 1480</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>John 1/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Diesel Generator Auxiliary

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2DO-3

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2DO-0077	ROCKWELL INTL. BK 793	N/A	1983	REPLACEMENT	YES	4-99-125958-00	REPLACED VALVE, NEW S/N 35 AIX, RR 21134
ITEM: 2 PIPE BRP-DO-2-DG-057	BROWN & ROOT N/A	N/A	1992	REPLACEMENT	YES	4-99-125958-00	REPLACED PIPING TO AID IN VALVE REPLACEMENT. NOTE: CONSTRUCTION CODE 1974 S74 ED.; CODE CASES: N/A

John
1/11/01

* CORRECTED CERTIFICATION
PAGE 1 OF 2

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code, Section III, Div. 1

2D001-002

1. Manufactured by EDWARD VALVES INC. 1900 S. SAUNDERS ST., RALEIGH, NC 27603
(Name and Address of N Certificate Holder)
2. Manufactured for TEXAS UTILITIES ELECTRIC CO. P.O. Box 1002 Glen Rose TX 76043
(Name and Address of Purchaser or Owner)
3. Location of Installation COMANCHE PEAK, S.E., GLEN ROSE, TX 76043
(Name and Address)
4. Pump or Valve VALVE Nominal Inlet Size 1 1/2 (inch) Outlet Size 1 1/2 (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Std. No.	(g) Year Built
(1)	AB38YT2	35AIX	N/A	# 171026 R/D	2	N/A	1997
(2)	↓	34AIX	↓	↓	↓	↓	↓
(3)	↓	38AIX	↓	↓	↓	↓	↓
(4)	AB38YT2	36AIX	N/A	# 171026 R/D	2	N/A	1997
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. CHECK VALVE
(Brief description of service for which equipment was designed) 50.36-4/3588

6. Design Conditions 940 psi 700 °F or Valve Pressure Class 600 (1)
7. Cold Working Pressure 1440 psi at 100°F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
(b) Forgings			
6CSB	SA 105	TRINITY FORGE	BODY
* 6YKA	SA 105	TRINITY FORGE	COVER
21A61	A565 GR 616	DUPRE SERVICES	DISK

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2FW-1
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 79 Addenda, Code Cases 1644-6
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.		REPLACEMENT repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RBMays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	<u>19</u>
Owner or Owner's Designee, Title		<u>Feb 1/2001</u>	<u>RBM 1-14-01</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Paul Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>Feb 1/2001</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Feedwater

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2FW-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 SNUBBER FW-2-103-403-S62K BRP-FW-2-SB-027	PACIFIC SCIENTIFIC 20184	N/A	1982	REPLACEMENT	YES	1-00-128894-00	REPLACED SNUBBER, NEW S/N 19158, RIR 18243

John
1/12/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2FW-3
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPAIR</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>RB Mays</u>	<u>Manager</u>	Date	<u>1-14-01</u>
Owner or Owner's Designee, Title		<u>John 1/17/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe P. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Feedwater

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference 2FW-3

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-2187	FISHER 7509009	6447	1981	REPAIR	YES	3-97-329373-01	MACHINED PLUG

John
1/11/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
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(Name)
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(Address)
Expiration Date N/A
Reference 2FW-3
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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
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(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
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(Applicable Manufacturer's Data Reports to be attached)

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We certify that the statements made in the report are correct and this		REPAIR/REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>J.B. Mays</u>	/Engineering Programs Supervisor	Date <u>1-14</u>	19 <u>01</u>
Owner or Owner's Designee, Title <u>John 1/17/01</u>			

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
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Inspector's Signature <u>Joe P. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>John 1/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

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Date January 10, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2FW-3

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-2136	BORG WARNER 51320	N/A	1979	REPAIR	YES	3-99-329314-01	MACHINED BONNET SEAL SURFACE
ITEM: 2 VALVE 2-HV-2136	BORG WARNER 51320	N/A	1979	REPLACEMENT	YES	3-99-329314-01	REPLACED GATE, RR 24587
ITEM: 3 GATE TSN 406285	BORG WARNER IU44 (SN-4)	N/A	1978	REPAIR	YES	P.O. S02811356S2	MACHINED GATE, RR 24587

feh
1/17/01

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As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
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(Name)
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Expiration Date N/A
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(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPAIR	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	
Owner or Owner's Designee, Title		<u>Jul 11/17/01</u>	<u>1571-1-14-01</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
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Inspector's Signature <u>Joe C. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

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(Address)
4. Identification of System Feedwater

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2FW-2

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2FW-0076	ROCKWELL NM-63	336	1979	REPAIR	YES	5-99-504986-AA	MACHINED BODY/BONNET SEAL AREA

gfh
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 17, 2001
(Name)
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Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2MS-2
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101(1712)
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPLACED</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RBMays</u>	<u>Manager</u>	Date <u>1-17</u>	<u>3801</u>
Owner or Owner's Designee, Title		<u>Feb 11/2001</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb. 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
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Inspector's Signature <u>Joe C. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January</u>	<u>3801</u> <u>Feb 11/2001</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Main Steam

Date January 17, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2MS-2

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2MS-0672 MS-2-RB-014	ROCKWELL BL 299	N/A	1983	REPLACED	YES	1-98-121548-00	REPLACED VALVE, NEW S/N 48API, RR 25683

feh
1/17/01

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code , Section III, Div. 1

2MS01-001

Pg. 1 of 2

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020
(Name and Address of Purchaser or Owner)

3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	D36224F316T2	47API	N/A	170870 / A	2	N/A	1999
(2)		48API					
(3)	d36224f316T2	49API	N/A	170870 / A	2	N/A	1999
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. 2" GLOBE VALVE

(Brief description of service for which equipment was designed)

12875

6. Design Conditions 2240 psi 800 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
CV	A732 GR 21	CONSOLIDATED CAST	DISK
(b) Forgings			
7HUB	SA182 GRF316	TRINITY FORGE	BODY
DH22	SA479 T316	DUBOSE ENERGY	BONNET

(1) For manually operated valves only

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

3

9. Hydrostatic test **5400** psi. Disk Differential test pressure **3600** psi.

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1., Edition 1974

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(N) (Date)

Design information on file at _____

EDWARD VOGT VALVE CO.

Stress analysis certified by (1) _____
PE State _____ Reg. No. _____

CERTIFICATE OF SHOP INSPECTION

Date 12 19 1999

Signed [Signature] Commissions NC 1083
(Inspector) (Nat'l Bd., State, Prov. and No.)

4

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2MS-1
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPAIR	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RBMays ABMays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	<u>19</u>
Owner or Owner's Designee, Title		<u>Feb 11/12/01</u>	<u>28th 1-14-01</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb. 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
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Inspector's Signature <u>Joe P. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>Feb 11/12/01</u>

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4. Identification of System Main Steam

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2MS-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2MS-0026	BORG WARNER 14152	N/A	1976	REPAIR	YES	4-00-128335-00	MACHINE BONNET STEM BORE

ph
1/17/01

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(Name) Authorization No. N/A
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Expiration Date N/A
Reference 2MS-5
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
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(See pages 2 thru 2 attached)						

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Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB May</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	<u>19</u>
Owner or Owner's Designee, Title <u>John 11/17/01</u>		<u>2001-1-14-01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
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Inspector's Signature <u>John C. Hair</u>	Commissions <u>TEXAS 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements <u>John 11/17/01</u>

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Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference 2MS-5

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-2452-1	FISHER 6510826	5120	1979	REPAIR	YES	4-00-128889-00	MACHINED PLUG AND BONNET

John
1/10/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2MS-1
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR
conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays /Engineering Programs Manager Date 1-14-01
Owner or Owner's Designee, Title John 1/17/01 1-14-01

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period July 1999 to Feb. 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 17 January 2001
John 1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Main Steam

Date January 10, 2001Sheet 2 of 2Unit 2

TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2MS-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2MS-0024	CROSBY N 59401-00-0013	N/A	1978	REPLACEMENT	YES	4-99-125515-00	REPLACED STUDS & NUTS
ITEM: 2 PIPING BRP-MS-2-SB-021 SHT 1 FLANGE 4	BROWN & ROOT N/A	N/A	1992	REPAIR	YES	4-99-125515-00	MACHINED FLANGE, CODE YEAR FOR PIPING 1974, S74

John
11/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2RC-1
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N-474-1,1484,1528
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	
Owner or Owner's Designee, Title		<u>Feb 11/17/01</u>	<u>2001-1-14-01</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb. 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe C. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>Feb 11/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Reactor Coolant

Date January 10, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2RC-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 STEAM GENERATOR TCX-RCPCSG-04	WESTINGHOUSE TCGT-2211	W26945	1980	REPLACEMENT	YES	3-99-308486-01	PLUGGED 1 TUBE (2 PLUGS)

feh
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2RC-1
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N-474-1,1484,1528
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB May</u>	<u>RB May</u> / Engineering Programs Supervisor	Date	<u>1-14-01</u>
Owner or Owner's Designee, Title		<u>John 1/17/01</u> <u>PRM 1-14-01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>John P. Hair</u>	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>17 January 2001</u>	<u>John 1/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Reactor Coolant

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2RC-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 STEAM GENERATOR TCX-RCPCSG-01	WESTINGHOUSE TCGT-2214	W 26448	1980	REPLACEMENT	YES	3-99-308483-01	PLUGGED 3 TUBES (SIX PLUGS TOTAL)

fd
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name) Authorization No. N/A
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Expiration Date N/A
Reference 2RC-1
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		REPLACEMENT	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RPMays</u> <u>ASD May</u>	/Engineering Programs <u>Manager</u>	Date	<u>1-14-01</u>
Owner or Owner's Designee, Title		<u>Feb 11/17/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u>	
of <u>Hartford, CT</u> have inspected the components described	
in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>J. C. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Reactor Coolant

Date January 10, 2001Sheet 2 of 2Unit 2TXU

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/AReference 2RC-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 PUMP TCX-RCPCPC-04	WESTINGHOUSE 8-115E641G02	73	1992	REPLACEMENT	YES	3-99-328506-01	REPLACED CARTRIDGE SEAL ASSEMBLY

feh
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2RC-1
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, WINTER 72 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.		REPLACEMENT repair or replacement	
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>RB Mays</u>	/Engineering Programs <u>Manager</u>	Date <u>1-14-01</u>	19 <u>01</u>
Owner or Owner's Designee, Title		<u>Feb 11/12/01</u>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>Joe P. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Reactor Coolant

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2RC-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-801013	CROSBY N56964-00-0104	N/A	1985	REPLACEMENT	YES	3-99-338803-01	REPLACED INLET STUD

John
11/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2RC-1
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases 1528
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Manager Date 1-14-01, 19
Owner or Owner's Designee, Title John 1/17/01 Jan 1-14-01

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period July 1999 to Feb 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1080
Inspector's Signature National Board, State, Province, and Endorsements

Date 17 January 2001 John 1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Reactor Coolant

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2RC-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 PRESSURIZER TCX-RCPCPR-01	WESTINGHOUSE PBPT-2551	W19302	1979	REPLACEMENT	YES	4-99-127848-00	REPLACED NUT ON PRESSURIZER MANWAY COVER

John
11/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU Type Code Symbol Stamp N/A
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2SI-4
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases 1553-1, 1614
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Manager Date 1-14-01
Owner or Owner's Designee, Title John 1/17/01 231-1-14-01

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period July 1999 to Feb 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1060
Inspector's Signature National Board, State, Province, and Endorsements

Date 17 January 2001
John 1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date January 10, 2001

Sheet 2 of 2

Unit 2

TXU
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference 2SI-4

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-8818D	WESTINGHOUSE <i>See Remarks</i>	W12002	1977	REPLACEMENT	YES	4-99-125202-00	REPLACED DISC; MANUFACTURER S/N of valve: 06000CS8800000000S740181

John
1/17/01

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date January 10, 2001
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2
Farm Rd. 56, 5 miles North of Glen Rose, Texas TXU
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TXU (Name)
Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address)
Expiration Date N/A
Reference 2VA-1
4. Identification of System Ventilation
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 75 Addenda, Code Cases 1621-1
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other N/A
Pressure _____ psi Test Temp. _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE			
We certify that the statements made in the report are correct and this		<u>REPLACEMENT</u>	
conforms to the rules of the ASME Code, Section XI.		repair or replacement	
Type Code Symbol Stamp	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>F.B. Mays</u>	<u>Manager</u>	Date <u>1-14-01</u>	<u>280 1-14-01</u>
Owner or Owner's Designee, Title <u>1/17/01</u>			

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u>	
of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>July 1999</u> to <u>Feb 2001</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature <u>J.P. Hair</u>	Commissions <u>Texas 1080</u>
Date <u>17 January 2001</u>	National Board, State, Province, and Endorsements <u>1/17/01</u>

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TXU
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Ventilation

Date January 10, 2001
Sheet 2 of 2
Unit 2

TXU
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference 2VA-1

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-HV-5537	POSI-SEAL 14759-3-A	N/A	1979	Repair REPLACEMENT 2/10/01	YES	FDA 2000-2847 3-98-339072-01	REMOVED METAL TO INSTALL HELICOILS, BOLTING IS NOT PRESSURE BOUNDARY

John
1/17/01