

TXU Electric Comanche Peak Steam Electric Station P.O. Box 1002 Glen Rose, TX 76043 Tel: 254 897 8920 Fax: 254 897 6652 Iterry1@txu.com C. Lance Terry 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).

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

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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 Bhatty 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: Palm Parelow 2-1-01 Reviewed by: RBMays RBMay 2.1-01

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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. <u>Surface Examinations</u>

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

c. <u>Visual Examinations</u>

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

Technique	Steam Gen	# Tubes Tested	% Tubes Tested	# Tubes Plugged
Bobbin	l	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

2RF05 Steam Generator Eddy Current Testing Results

Appendix A

FORM NIS-1 (Back)

8.	Examination Dates <u>9-16-00</u>	То <u>10-23-00</u>
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 <u>August 4, 2000 / revision 4</u>

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	bs/1	Jay	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 <u>Texas</u> and employed by <u>Hartford Steam Boiler</u> <u>Inspection and Insurance 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>February 1, 2001</u>, 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 Ju C. Hair	Commissions Texas 1000 2111
Inspector's Signature	م National board, State, Province, and Endorsements
Date 01 February 20 01	

- 1. Owner <u>TXU Electric</u>, P.O.Box 1002, Glen Rose, Texas 76043 (Name and Address of Owner)
- 2. Plant <u>Comanche Peak Steam Electric Station</u> (Name and Address of Plant)
- 3. Plant Unit <u>No. 2</u> 4. Owner Certificate of Authorization (if required) <u>N/A</u>
- 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-RCPCRV-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 ½ 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

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COMANCHE PEAK UNIT 2 INSERVICE INSPECTION SUMMARY

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

CLASS 1 COMPLETED COMPONENTS

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

TBX-28

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 1 COMPLETED COMPONENTS

	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	PROCEDURE	N R I I 	REMARKS **CALIBRATION BLOCK**
	REACTOR COOLANT TCX-RCPCSG-01				
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		B-G-2 B7.30	TX-ISI-8	x	
	REACTOR COOLANT 29-RC-2-001-W	EST-1			
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**
	REACTOR COOLANT 31-RC-2-002-W	<u>est-1</u>			
012600	TCX-1-4100-5 SG NOZZLE TO ELBOW R154I829RB	B-F B5.70	TX-ISI-214 TX-ISI-11	x x	** 778 ¥ - 57 * *

TBX-57

COMANCHE PEAK UNIT 2

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	G N E N R R O I I I M	REMARKS **CALIBRATION BLOCK**
059150	CHEMICAL AND VOLUME CONTROL 1 TCX-1-4308-FLG1 FLANGE BOLTING R154K830RB		TX-ISI-8	×	EVIDENCE OF LEAKAGE AT GASKET SEATING SURFACE.
094245	SAFETY INJECTION 6-S1-2-092-2 TCX-1-4403-8818D-BLT VALVE BODY BOLTING 2-8818D		TX-ISI-8	x	
094280	TCX-1-4403-8818D-INT VALVE INTERNAL SURFACES	B-M-2 B12.50	TX-ISI-8	x	

INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

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

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

CLASS 2 COMPLETED COMPONENTS

		ASME			G	
		SEC. XI			NE	
SUMMARY	EXAMINATION AREA		EXAM		NRRO	REMARKS
	IDENTIFICATION	ITEM NO I		PROCEDURE		**CALIBRATION BLOCK**
	CONTAINMENT SPRAY 16-CT-2-121	-151R-2				
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
	CONTAINMENT SPRAY 16-CT-2-004	-151R-2				
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				10% NOT EXAMINED. REF. RELIEF REQUEST
	PIPE TO VALVE	C5.11		TX-ISI-11	x	C-5.
	R75 802SB					
						TBX-48
	CONTAINMENT SPRAY 12-CT-2-007	-151R-2				
	CONTRAINED FIGHT 12 CT 2 007	<u>1910 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	х	10% NOT EXAMINED. REF. RELIEF REQUEST
	PIPE TO NOZZLE	C5.11		TX-ISI-11	х	C-5.
	R51 776SB					

TBX-11

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

	ASME		G	
	SEC. XI		NE	
SUMMARY EXAMINATION AREA	CATGY EXAM		NRR O	REMARKS
NUMBER IDENTIFICATION	ITEM NO METHOD	PROCEDURE	IIIM	**CALIBRATION BLOCK**
	· · · · · · · · · · · · · · · · · · ·			
CONTAINMENT SPRAY 12-CT-2-006	-151R-2			
502400 TCX-2-2578-CT028	C-G	TX-ISI-11	х	

505100	1011 0 0010 01000	•••	
	VALVE BODY WELD 2CT-0028	C6.20	

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INSERVICE INSPECTION SUMMARY

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

NUMBER	EXAMINATION AREA IDENTIFICATION REACTOR COOLANT 14-RC-2-135-2		PROCEDURE	G N R R 0 I I I M	REMARKS **CALIBRATION BLOCK**
614000	TCX-1-4500-H4 RC-2-135-407-C41S 832RB	F-C NOTE 1	TX-ISI-8	x	
614200	TCX-1-4500-H5 RC-2-135-409-C51R 843RB	F-C Note 1	TX-ISI-8	x	
	REACTOR COOLANT TCX-RCPCSG-0:	-			
640040	TCX-1-3100-1CS1 TCX-RCESSG-01-S1 A23 812RB	F-C NOTE 1	TX-ISI-8	х	
640050	TCX-1-3100-1CS2 TCX-RCESSG-01-S2 A23 812RB	F-C NOTE 1	TX-ISI-8	х	
640060	TCX-1-3100-1CS3 TCX-RCESSG-01-S3 A23 812RB	F-C Note 1	TX-ISI-8	х	
640070	TCX-1-3100-1CS4 TCX-RCESSG-01-S4 A23 812RB	F-C Note 1	TX-ISI-8	х х	ANCHOR BOLT WEDGED AT BOTOOM OF BASE. REFERENCE SMF-2000-002578-00.
640080	TCX-1-3100-1LS1 TCX-RCESSG-01-L1 A23 835RB	F-B NOTE 1	TX-ISI-8	x	

INSERVICE INSPECTION SUMMARY

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

NUMBER	EXAMINATION AREA IDENTIFICATION 		PROCEDURE	G N R R 0 I I I M 	REMARKS **CALIBRATION BLOCK**
640100	TCX-RCESSG-01-L2 A23 835RB TCX-1-3100-1LS3	NOTE 1 F-B	TX-ISI-8	x	
640110	TCX-RCESSG-01-L3 A23 835RB TCX-1-3100-1US1	NOTE 1 F-B	TX-ISI-8	х	
640120	TCX-RCESSG-01-U1 A24 859RB TCX-1-3100-1US2	NOTE 1 F-B	TX-ISI-8	x	
640130	TCX-RCESSG-01-U2 A24 859RB TCX-1-3100-1US3	NOTE 1 F-B	TX-ISI-8	x	
640140	TCX-RCESSG-01-U3 A24 859RB TCX-1-3100-1SN1	NOTE 1 F-C	TX-ISI-8	x	
	TCX-RCESHS-01-SN1 A24 859RB	NOTE 1			
640150	TCX-1-3100-1SN2 TCX-RCESHS-01-SN2 A24 859RB	F-C NOTE 1	TX-ISI-8	х	

INSERVICE INSPECTION SUMMARY

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

NUMBER		ASME SEC. XI CATGY ITEM NO 16-CT-2-002-151R-2	PROCEDURE	G N E N R R 0 I I I M 	
656500	TCX-2-2536-H1 CT-2-002-402-S22K 788SB	F-C NOTE 1	TX-ISI-8	x	
656550	TCX-2-2536-H1 CT-2-002-402-S22K 788SB	C-C C3.20	TX-ISI-11	x	
	CONTAINMENT SPRAY	16-CT-2-003-151R-2			
656800	TCX-2-2575-H1 CT-2-003-401-S32A 802SB	F-C NOTE 1	TX-ISI-8	x	
656850	TCX-2-2575-H1 CT-2-003-401-S32A 802SB	C-C C3.20	TX-ISI-11	x	
656900	TCX-2-2575-H5 CT-2-003-402-S32R 802SB	F-C NOTE 1	TX-ISI-8	x	
657000	TCX-2-2575-H7 CT-2-003-403-S32R 802SB	F-C NOTE 1	TX-ISI-8	x	
657100	TCX-2-2575-H6 CT-2-003-404-S32R 802SB	F-C NOTE 1	TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION CONTAINMENT SPRAY TCX-2-2575-H8	ASME SEC. XI CATGY ITEM NO <u>16-CT-2-003-151R-2</u> F-C	PROCEDURE	IIIM	REMARKS **CALIBRATION BLOCK**
	CT-2-003-405-S32S 802SB	NOTE 1			
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 CONTAINMENT_SPRAY	F-C NOTE 1 16-CT-2-004-151R-2	TX-ISI-8	x	
657500	TCX-2-2577-H5 CT-2-004-401-S32R 792SB CONTAINMENT SPRAY	F-C NOTE 1 12-CT-2-005-151R-2	TX-ISI-8	x	
657900	TCX-2-2576-H5 CT-2-005-404-S22K 785SB	F-C NOTE 1	TX-ISI-8	×	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)

NUMBER	EXAMINATION AREA IDENTIFICATION 			PROCEDURE		R F I I	G 1 E 2 O 1 M 	
658800	TCX-2-2576-H2 CT-2-006-407-S22S 779SB		F-C NOTE 1	TX-ISI-8	x			
658850	TCX-2-2576-H2 CT-2-006-407-S22S 779SB		C-C C3.20	TX-ISI-11	x			
659400	CONTAINMENT SPRAY TCX-2-2578-H12 CT-2-007-406-S22R 781SB	:	<u>151R-2</u> F-C NOTE 1	TX-ISI-8	x			
659600	TCX-2-2578-H14 CT-2-007-408-S22R 781SB		F-C NOTE 1	TX-ISI-8		x	:	PADDLE BOUND ON PIPE SIDE.
	CONTAINMENT SPRAY	12-CT-2-008-1	151R-2					
659700	TCX-2-2578-H1 CT-2-008-401-S22S 779SB		F-C NOTE 1	TX-ISI-8	x			
659750	TCX-2-2578-H1 CT-2-008-401-S22S 779SB		C-C C3.20	TX-ISI-11	x			
	CONTAINMENT SPRAY	16-CT-2-013-3	<u>301R-2</u>					
662200	TCX-2-2571-H15 CT-2-013-408-S42K 818SB		F-C NOTE 1	TX-ISI-8	x			

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION CONTAINMENT SPRAY 16-CT-2-025 TCX-2-2539-H2			G N R R 0 I I I M 	REMARKS **CALIBRATION BLOCK**
	CT-2-025-401-S22R R62E 785SB	NOTE 1			
664670	CT-2-025-402-S22S R62E 785SB	F-C NOTE 1	TX-ISI-8	x	
	CONTAINMENT SPRAY 16-CT-2-121	<u>-151R-2</u>			
665000	TCX-2-2577-H1 CT-2-121-403-S22S 790SB	F-C NOTE 1	TX-ISI-8	x	
665050	TCX-2-2577-H1 CT-2-121-403-S22S 790SB	C-C C3.20	TX-ISI-11	x	
	FEEDWATER 6-FW-2-095-1303-2				
672100	TCX-2-2102-H8 FW-2-095-402-C62R 867RB	F-C NOTE 1	TX-ISI-8	x	UNABLE TO ROTATE SPHERICAL BEARING. PCS. #20(@4) SHIFTED APPROXIMATELY 1/8".
672500	TCX-2-2102-H13 FW-2-095-405-C62S 871RB	F-C NOTE 1	TX-ISI-8	x	
672600	TCX-2-2102-H15 FW-2-095-408-C62S 871RB	F-C NOTE 1	TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

		ASME SEC. XI				Ň	G E	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		NR	R	0	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	ΙI	I	м	**CALIBRATION BLOCK**
	· · · · · · · · · · · · · · · · · · ·					-	-	
	FEEDWATER 6-FW-2-095-1303-2							
672700	TCX-2-2102-H17	F-C		TX-ISI-8	x			
	FW-2-095-410-C62R	NOTE 1						
	866RB							
672800	TCX-2-2102-H20 FW-2-095-411-C62K	F-C NOTE 1		TX-ISI-8	x			
672900	862RB TCX-2-2102-H19	F-C		TX-ISI-8	x			
	FW-2-095-412-C62K 863RB	NOTE 1						
673000	TCX-2-2102-H1	F-C		TX-ISI-8	x			
	FW-2-095-413-C62S 869RB	NOTE 1						
672050	TCX-2-2102-H1	c-c		TX-ISI-70	x			
673030	FW-2-095-413-C62S 869RB	C3.20		14-131-70	~			
673100	TCX-2-2102-H16	F-C		TX-ISI-8	x			
0,2100	FW-2-095-414-C62K 867RB	NOTE 1		14-101-0	~			
672200	TTCV 2 21 02 111 0	R C		TY TOT O				
ō/3∠UU	TCX-2-2102-H18 FW-2-095-415-C62K	F-C NOTE 1		TX-ISI-8	x			
	865RB	NOID I						

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION FEEDWATER 6-FW-2-095-1303-2		THOD			REMARKS **CALIBRATION BLOCK**
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	FW-2-095-705-C62K R155L865RB	F-C NOTE 1		TX-ISI-8	x	
676600	FEEDWATER 6-FW-2-097-1303-2 TCX-2-2303-H9 FW-2-097-401-S62R 863SB	F-C NOTE 1		TX-ISI-8	x	
681100	FEEDWATER 6-FW-2-099-1303-2 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)

NUMBER	EXAMINATION AREA IDENTIFICATION FEEDWATER 6-FW-2-099-1303-2	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	G N R R 0 I I I M	REMARKS **CALIBRATION BLOCK**
681300	TCX-2-2102-H3 FW-2-099-408-C62R 860RB	F-C NOTE 1	TX-ISI-8	x	
681400	TCX-2-2102-H4 FW-2-099-700-C62K 860RB	F-C NOTE 1	TX-ISI-8	x	
681500	TCX-2-2102-H5 FW-2-099-702-C62R 867RB	F-C NOTE 1	TX-ISI-8	x	
681600	TCX-2-2102-H2 FW-2-099-703-C62K 860RB MAIN STEAM 32-MS-2-002-1303-2	F-C NOTE 1	TX-ISI-8	x	
684450	TCX-2-2200-H2 MS-2-002-408-C72K R155N900RB	C-C C3.20	TX-ISI-70	x	
685100	<u>MAIN STEAM 32-MS-2-003-1303-2</u> TCX-2-2300-H7 MS-2-003-402-C72S 894RB	F-C NOTE 1	TX-ISI-8	хх	NUTS ON U-CLAMP. REWORKED PER WORK ORDER 4-00-132957-00.
685200	TCX-2-2300-H1 MS-2-003-405-C72K 894RB	F-C NOTE 1	TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION MAIN STEAM 32-MS-2-003-1303-2 TCX-2-2300-H1	C-C	PROCEDURE TX-ISI-70	G N R R 0 I I I M 	REMARKS **CALIBRATION BLOCK**
685400	MS-2-003-405-C72K 894RB TCX-2-2300-H2	C3.20 F-C	TX-ISI-8	x	
665400	MS-2-003-407-C72K 896RB	NOTE 1	14-151-0	x	
685450	TCX-2-2300-H2 MS-2-003-407-C72K 896RB	C-C C3.20	TX-ISI-70	x	
685500	TCX-2-2300-H3 MS-2-003-409-C72K 894RB	F-C NOTE 1	TX-ISI-8	x	
685550	TCX-2-2300-H3 MS-2-003-409-C72K 894RB	C-C C3.20	TX-ISI-70	×	
685600	TCX-2-2300-H4 MS-2-003-410-C72K 894RB	F-C NOTE 1	TX-ISI-8	х х	BOLTING ON PIPE CLAMP. REWORKED PER WORK ORDER 4-00-132958-00.
685650	TCX-2-2300-H4 MS-2-003-410-C72K 894RB	C-C C3.20	TX-ISI-70	x	

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

	EXAMINATION AREA IDENTIFICATION 	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	G N R R 0 I I I M 	REMARKS **CALIBRATION BLOCK**
752000	TCX-2-1180-1S1 CT HX 01 TOP SUPPORTS R69 828SB	F-B NOTE 1	TX-ISI-8	x	
752100	TCX-2-1180-1S2 CT HX 01 INTERMEDIATE SUPPORTS R69 810SB		TX-ISI-8	x	
752200	TCX-2-1180-1S3 CT HX 01 FOUNDATION SUPPORTS R69 795SB		TX-ISI-8	x	
	CONTAINMENT SPRAY CP2-CTAPCS-	02			
752700	TCX-2-2578-2PS1 CT PUMP 02 SUPPORT R51 773SB	F-B NOTE 1	TX-ISI-8	x	WHITE RESIDUE IN TROUGH ON BEARING END OF BASE PL.

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	G N E N R R 0 REMARKS I I I M **CALIBRATION BLOCK**
820900	AUXILIARY FEEDWATER AF-2-SB-020-H7 AF-2-099-413-S33R R082 807SB	F-C NOTE 1	TX-ISI-8	x
822700	AF-2-SB-021-H12 AF-2-097-423-S33A R082 807SB	F-C NOTE 1	TX-ISI-8	x
822750	AF-2-SB-021-H12 AF-2-097-423-S33A R082 807SB	D- A D1.20	TX-ISI-8	x
836500	AF-2-SB-042-H11 AF-2-100-407-S33A R082 809SB	F-C NOTE 1	TX-ISI-8	x
836550	AF-2-SB-042-H11 AF-2-100-407-S33A R082 809SB	D-A D1.20	TX-ISI-8	x
859400	CC-2-AB-004-H1 CC-2-969-700-A43S R197 800AB	F-C NOTE 1	TX-ISI-8	x
859450	CC-2-AB-004-H1 CC-2-969-700-A43S R197 800AB	D-A D1.20	TX-ISI-8	x

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

SUMMARY EXAMINATION AREA	ASME SEC. XI CATGY EXAM		G N E N R R O	REMARKS
NUMBER IDENTIFICATION	ITEM NO METHOD	PROCEDURE		**CALIBRATION BLOCK**
COMPONENT COOLING				
879800 CC-2-AB-033-H5	F-C	TX-ISI-8	×	
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 X-241	D1.20			
880200 CC-2-AB-033-H9	F-C	TX-ISI-8	x	
CC-2-007-017-A63R	NOTE 1	1X-151-8	x	
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 ND 020 UC	E C	TY TOT 0		
881000 CC-2-AB-038-H6 CC-2-164-407-A63K	F-C Note 1	TX-ISI-8	x	
X-235				

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

		ASME		G	
CIDMADU	EVANINATION ADDA	SEC. XI		NE	DEW3DV2
	EXAMINATION AREA	CATGY EXAM ITEM NO METHOD	PROCEDURE	NRRO	REMARKS **CALIBRATION BLOCK**
	COMPONENT COOLING				
885100	CC-2-EC-001-H7	F-C	TX-ISI-8	x	
	CC-2-035-709-E33S	NOTE 1			
	X-115B				
005150	CC-2-EC-001-H7	D-A	WY TOT O		
883130	CC-2-035-709-E33S	D-A D1.20	TX-ISI-8	x	
	X-115B	51.50			
885400	CC-2-EC-001-H10	F-C	TX-ISI-8	x	
	CC-2-035-714-A33A	NOTE 1			
	X-180				
005450	CC-2-EC-001-H10		WY TOT O		
005450	CC-2-035-714-A33A	D-A D1.20	TX-ISI-8	x	
	X-180	21.20			
887000	CC-2-EC-004-H1	F-C	TX-ISI-8	x	
	CC-2-105-401-E23R	NOTE 1			
	X-115B				
007050					
887050	CC-2-EC-004-H1	D-A	TX-ISI-8	x	
	CC-2-105-401-E23R X-115B	D1.20			
888300	CC-2-FB-002-H1	F-C	TX-ISI-8	x	
	CC-2-126-004-F43K	NOTE 1			

INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION 	ASME SEC. XI CATGY EXAN ITEM NO METH	HOD PROCEDURE	G N E N R R 0 I I I M 	REMARKS **CALIBRATION BLOCK**
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	¢	

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

NUMBER	EXAMINATION AREA IDENTIFICATION 	ASME SEC. XI CATGY ITEM NO	METHOD	PROCEDURE	G N E N R R 0 I I I M 	REMARKS **CALIBRATION BLOCK**
903100	CC-2-SB-048-H3 CC-2-159-409-S53R R088 839SB	F-C NOTE 1		TX-ISI-8		NOT EXAMINED. PART OF RR D-1.
903150	CC-2-SB-048-H3 CC-2-159-409-S53R R088 839SB	D-A D1.20	VT-3	TX-ISI-8		NOT EXAMINED. REF RR. D-1.
903800	CC-2-SB-052-H3 CC-2-155-408-S53R R088 839SB	F-C NOTE 1	VT-3	TX-ISI-8		NOT EXAMINED. PART OF RR. D-1.
903850	CC-2-SB-052-H3 CC-2-155-408-S53R R088 839SB	D-A D1.20	VT-3	TX-ISI-8		NOT EXAMINED. REF RR. D-1.
912800	<u>MAIN STEAM</u> MS-2-SB-001-H1 MS-2-415-001-S23R 2-074	F-C NOTE 1		TX-ISI-8	x	
912850	MS-2-SB-001-H1 MS-2-415-001-S23R 2-074	D-A D1.20		TX-ISI-8	×	
912900	MS-2-SB-001-H2 MS-2-416-401-S33R 2-074	F-C NOTE 1		TX-ISI-8	x	

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INSERVICE INSPECTION SUMMARY FIRST INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)

		ASME SEC. XI				N	G E	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		NR	R	0	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	II	I	М	**CALIBRATION BLOCK**
						-	-	
	MAIN STEAM							
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	×			
	MS-2-416-405-S43R	D1.20						
	2-082							
	SERVICE WATER							
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.

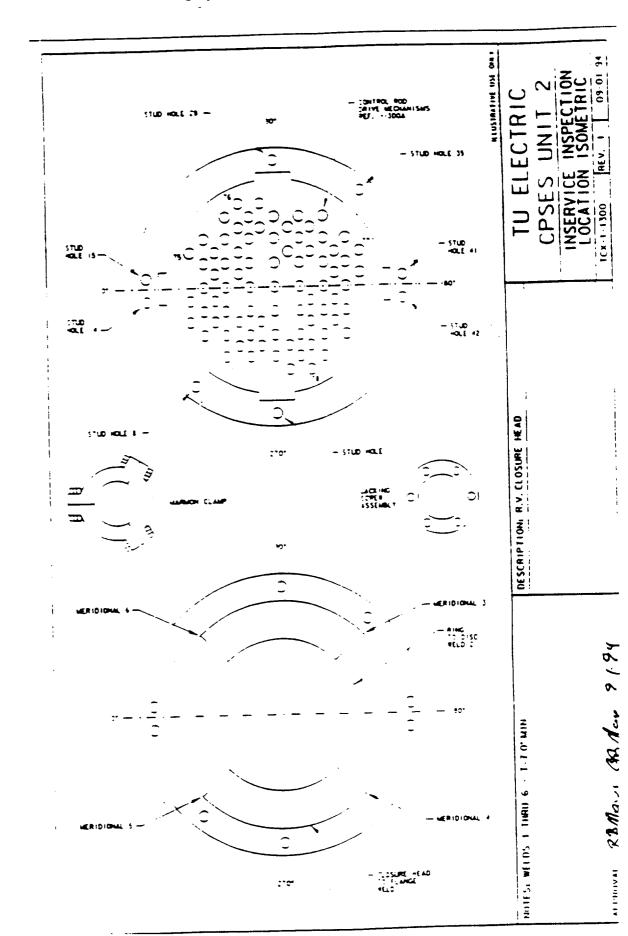
There were no recordable indications identified by the best effort volumetric examination or by the required surface examination performed on TCX-1-1300-1.

E. Alternate examinations:

None

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

None

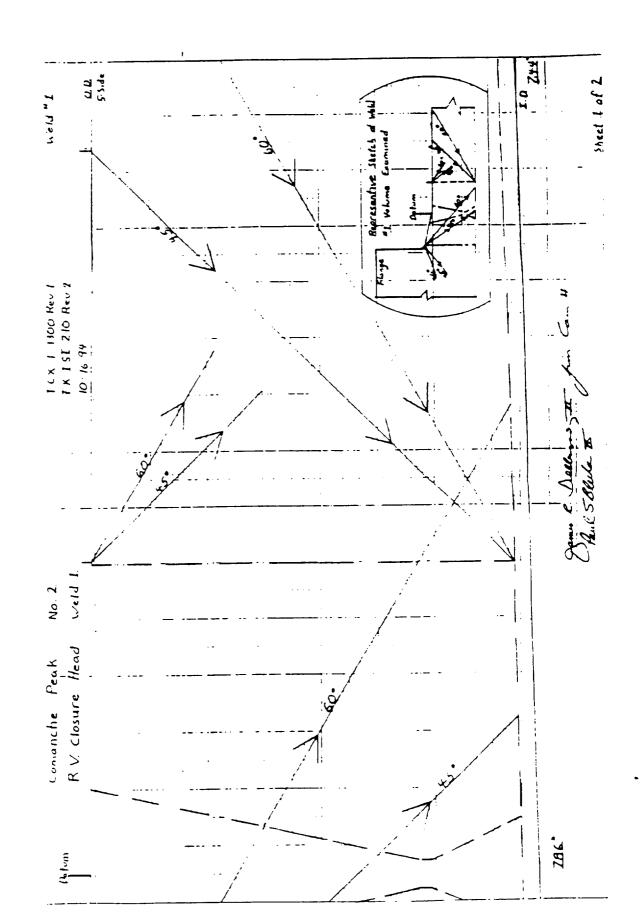


RELIEF REQUEST NO. B-1 page 2 of 9

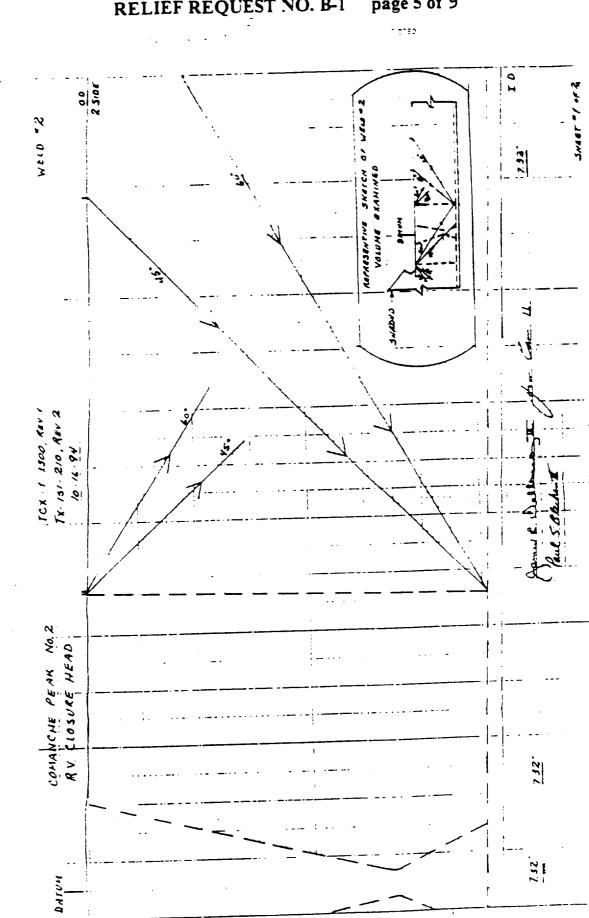
RELIEF REQUEST NO. B-1 page 3 of 9

	NSPECTION S			
LI	MITATION TO E			
LANT COMANCHE PEAK	UNIT_		TCX-1-1300 REV.	
		PROCEDURE	TX-ISI-210 REV. 2	2
XAMINE Por 2. 1 allow Taus	CERTIFICAT for	DATE	10-16-94	··
0	/	ANTE	Reviewed the	<u>L 10/31/94</u>
	WT	vt	- DENT. NO.	1.246
NOVIDE GENERAL INFORMATION TO DESCRE APP		N AND TYPE OF UNIT	ATION.	
WELD # 1				
15% OF REQUIRED EXAMINATIO	ON VOLUME NOT EXA	MINED.		
39% EXAMINED WITH THE 455	AND 505 IN AT LEAS	T ONE DIRECTION	I.	
505-15% NOT EXAMINED.				
WELD # 2				
17% OF REQUIRED EXAMINATIO 97% EXAMINED WITH THE 455	ON VOLUME NOT EXA	AMINED.	ι.	
155.11% NOT EXAMINED	AND OUT IN AT LEAS			
505-17% NOT EXAMINED.				
SEE WELD PROFILE SHEETS.				
	SHROUD	- E of WELD &		
				•
€wellow2 / P	· K_			
	•			
				\Box
(valor)	<u> </u>			
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RELIEF REQUEST NO. B-1 page 4 of 9



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RELIEF REQUEST NO. B-1 page 5 of 9

	CPSES UNIT 2 R	ELIEF REQUES	T NO. B-	1 REV	V.1 PAG	E 6 OF 9		
	WESTI		AR SERVI	CES DI	IVISION		0. <u>UT-00-028</u> 2 OF <u>2</u>	
			EXAMINA	TION		_		
PLANT	Comanche Peak			_2	SKETCH	TCX-1-1300		
SYST/COMP					ROCEDURE	TX-ISI-210	Rev. 4 FC N	<u>I/A</u>
EXAMINER	Erickson, Scott Scoth	R. Erickson	<u>1</u> LEVEL		DATE	1	0/8/2000	
EXAMINER	<u>N/A</u>			N/A	DATE			
COMPONEN	TID TCX-1-1300-1 TCX-1-1	300-2						
RELATED TO	D [^] MT	[~] PT	ê υτ		ĵ v⊤			

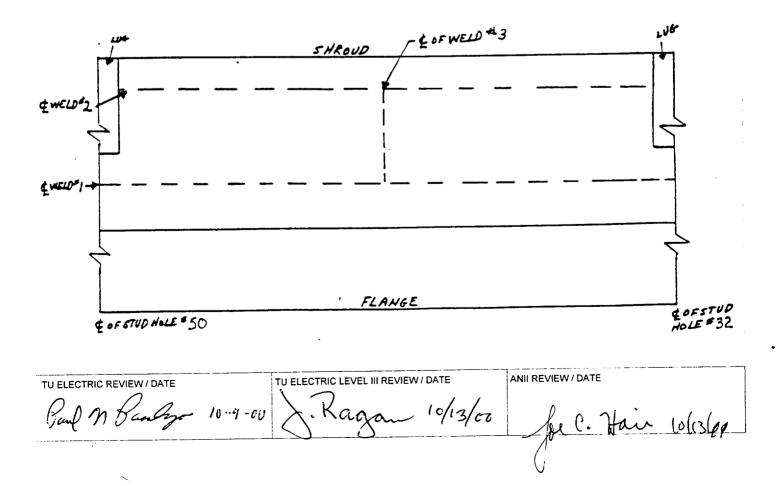
PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

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 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 60°.

SEE WELD PROFILE SHEETS.



CPSES UNIT 2 RELIEF REQUEST NO. B-1 REV. 1 PAGE 7 OF 9

				UCLEAR SERVICE CTION SERVICES	S DIVISIO	1		ORT NO. <u>B</u> E <u>1</u> 0	
PLANT	Comanche Peak			UNIT	2	SKETCH	<u>N/A</u>		
SYST/COMP	RC					PROCEDURE	TX-ISI-210	Rev. 4	FC N/A
EXAMINER	Erickson, Scott	Scott R. Eri	choon	LEVEL _		DATE		10/8/2000	<u></u>
EXAMINER	N/A			LEVEL	N/A	DATE			
TRANSDUCE	R S/N	009Y45	ANGLE	45°		CAL. BLOCK		TBX-29	
	SIZE	.5"x1"	FREQUENCY	2.25 MHz	<u> </u>	THICKNESS	<u></u>	8.6	
	<u>KETCH/DETAILS</u>			Ind	AGE RED 507.	UCED			
tu electric re Parl P	VIEW / DATE	1:1-9-00	TU ELECTRIC LEVEL III REV J. Ragon	~ (0/13/00		ANII REVIEW / D		10/13/	ų
						Ø			

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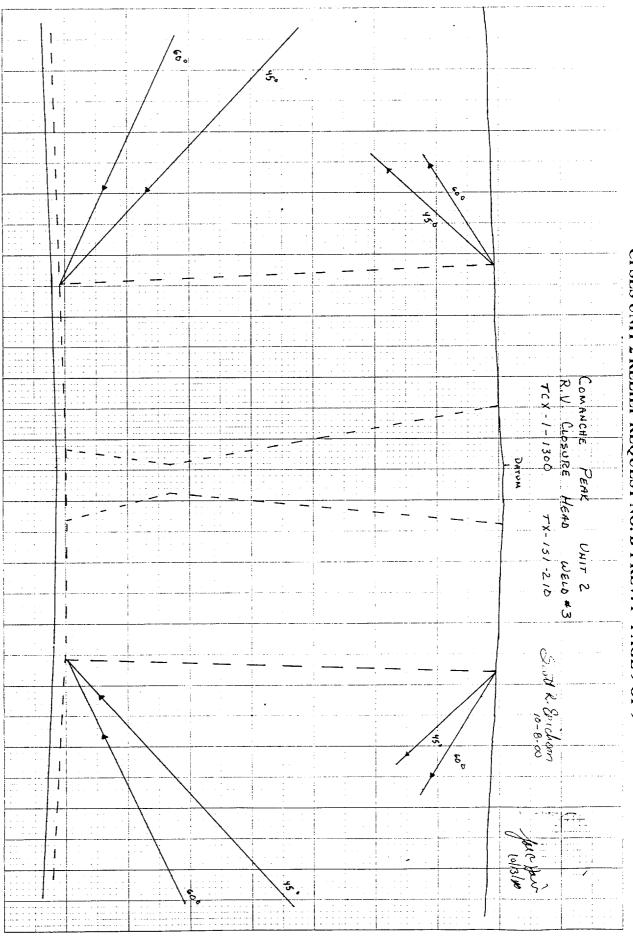
CPSES UNIT 2 RELIEF REQUEST NO. B-1 REV. 1 PAGE 8 OF 9

				ICLEAR SERVICE TION SERVICES AM SPREAD		N		EPORT NO. AGE <u>1</u>		
PLANT	Comanche Peak				2	SKETCH	N/A	· · · · · · · · · · · · · · · · · · ·		
SYST/COMP	RC					PROCEDURE	TX-ISI-210	Re	ev. 4	FC N/A
EXAMINER	Erickson, Scott	Scott R. E	Richson	LEVEL	11	DATE	<u> </u>	10/8/2000		
EXAMINER	N/A			LEVEL	N/A	DATE				
TRANSDUCE	R S/N	009Y81	ANGLE	60°		CAL. BLOCK		TBX-29		
	SIZE	.5"x1"	FREQUENCY	2.25 MHz		THICKNESS		8.6		
COMMENTS/S	KETCH/DETAILS									
				IMAGE REDU 50%						

,



47.0780



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 tubesheetto-channel head weld as described in Table IWB-2500-1, Examination Category B-B, Item No. B2.40. 4

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.

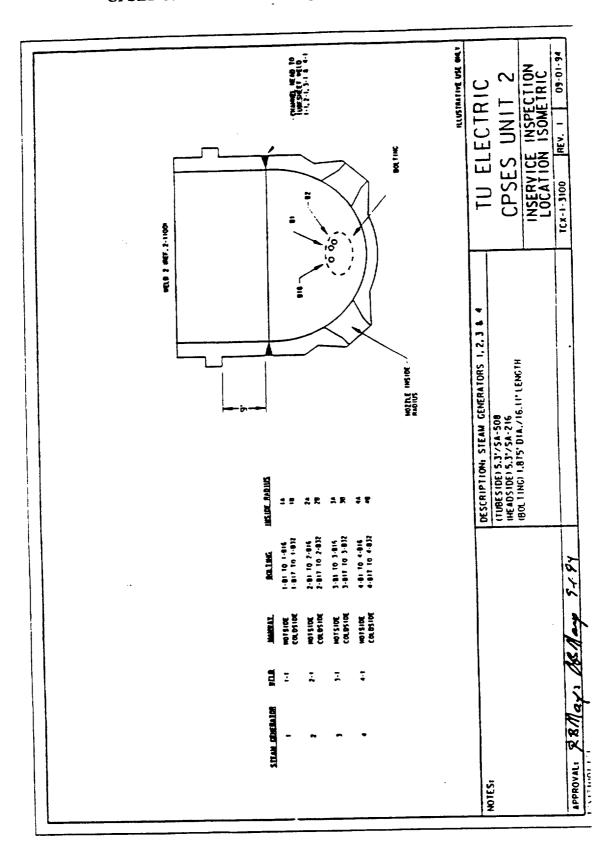
There were no recordable indications identified by the volumetric examination performed on the accessible portions of the weld.

E. Substitute examinations:

None

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

None



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

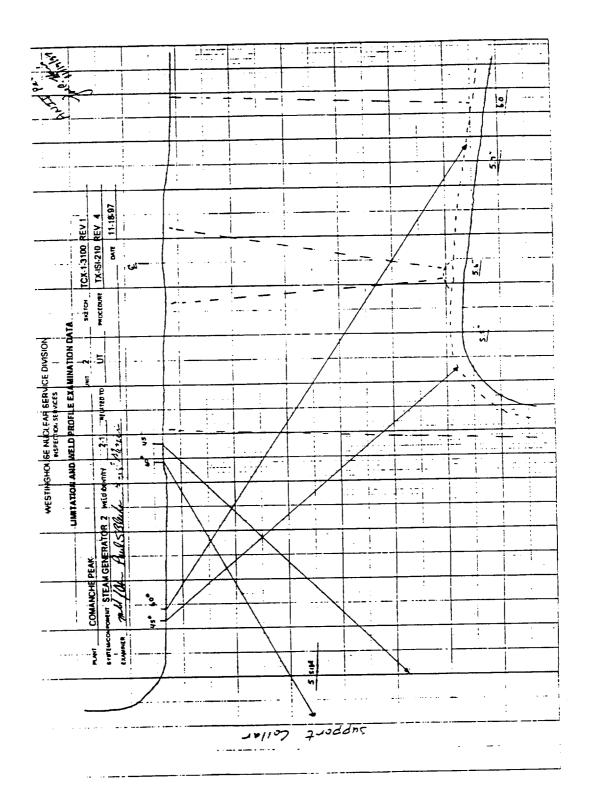
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CPSES UNIT 2 RELIEF REQUEST NO. B-5 PAGE 3 OF 10

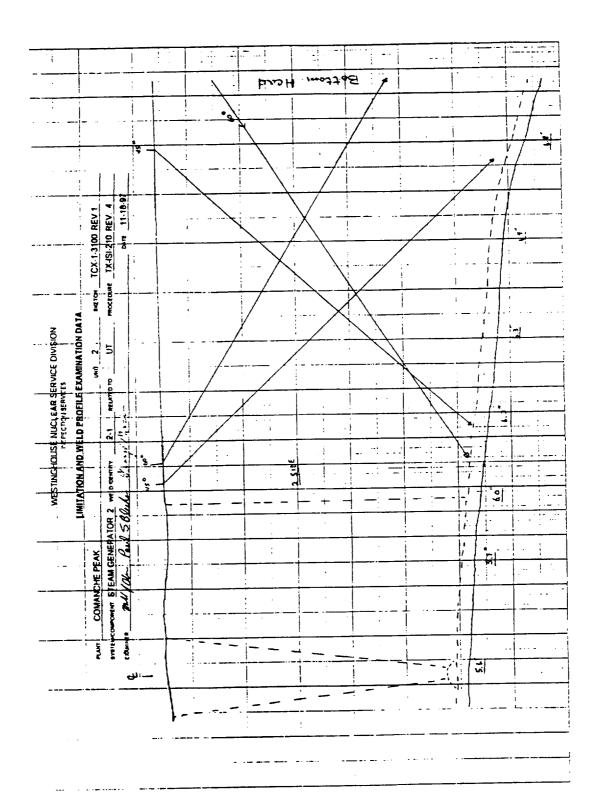
WESTINGHO	OUSE NUCLEAR SERVICES DIVISION
LIMIT	TATION TO EXAMINATION
	UNIT_2_SKETCHTCX-1-3100_REV 1
SYST JCOMP. STEAM GENERATOR 2	
EXAMINER MA Allan Paul Skluber	Haftin DATE 11-18-87
RELATED TO: UT X PT	NT VT ЮЮЛТ. НО
PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIM	IMATE SIZE, LOCATION AND TYPE OF LINETATION.
	5 SIDE
	SUPPORT COLLAR
1+407 + 275	
	+ 205" + 106" 21"
+ 342"	+ 257" (+ 151" (+ 48") + 24" (+ 155" (+ 48")
	2 SIDE
FOUR 24" X 24" SUPPORT PADS RESTRICTES SEVENTEEN 25" X 25" WELDED PADS APPRO	ES ALL SCAN FOR 22% OXIMATELY 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 N	NOT EXAMINED
SEE LIMITATION AND WELD PROFILE EXAMINA	NATION DATA SHEET ANIT Reviewed for Illight

CPSES UNIT 2 RELIEF REQUEST NO. B-5 PAGE 4 OF 10

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



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	CPSES UNIT 2 RELIEF REQUEST	NO. B-5	REV	.1 PAGE	6 OF 10		
					REPORT NO). UT-0	0-021
	WESTINGHOUSE NUCLE	AR SERVIO	CESI	DIVISION	PAGE	2OF_	2
	LIMITATION TO	EXAMINA	TION				
	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 WALL		11	DATE	1	0/5/2000	
EXAMINER	Holasek, Wade Vale Holasek	LEVEL		- DATE	1	0/5/2000	
COMPONENT	ID TCX-1-3100-1-1			·			
RELATED TO	MT PT	● UT		VT			

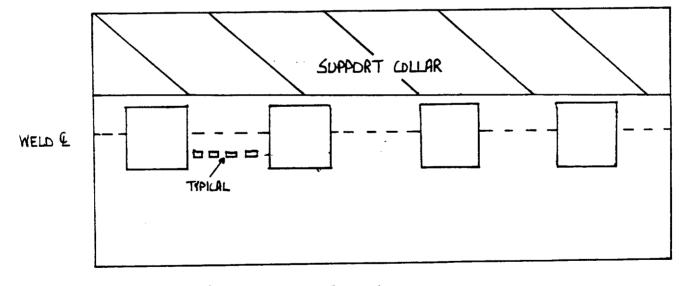
PROVIDE SUFFICIENT INFORMATION TO DESCRIBE SIZE, LOCATION AND TYPE OF LIMITATION.

COMMENTS/SKETCH/DETAILS

•

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

5 SIDE .



2 SIDE

TU ELECTRIC REVIEW / DATE		TU ELECTRIC LEVEL III REVIE	W/DATE	ANII REVIEW / DATE	
Parl D Grandsy	10-4-00	J. Ragan	10/12/00	las C. Hai	10/13/00

<u></u>	CPSES UN	IT 2 RELIEF REQUES	ST NO. <u>B-5</u> REV. 1	PAGE 8 OF 10	
			UCLEAR SERVICES	DIVISION	REPORT NO. BS-00001
			EAM SPREAD		PAGE <u>1</u> OF <u>1</u>
AV2					
PLANT Comanche	Peak		UNIT	2 SKETCH	N/A
SYST/COMP N/A				PROCEDURE	TX-ISI-210 Rev. 4 FC N/A
EXAMINER Erickson, S	Scott Scott R.	Epichom	LEVEL	II DATE	10/4/2000
EXAMINER <u>Musgrave,</u>	Larry Larry M. M. mag	save	LEVEL	II DATE	10/4/2000
TRANSDUCER S/N	009Y81	ANGLE	60°	CAL. BLOCK	TBX-28
SIZE	.5"x1"	FREQUENCY	2.25 MHz	THICKNESS	5.45
COMMENTS/SKETCH/DET	AILS				
			$\langle \ \rangle$		
					-
	IMAGE	REDUCED 64%			······································
TU ELECTRIC REVIEW / DATE		TU ELECTRIC LEVEL III REV	IEW / DATE	ANII REVIEW / D	DATE
Paul n Paul	111-4-na	1 Rose			
Van I Van	ser iv i-ve	() ' uga	- 10/12/00	lace	Han 10/13/09
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NB				ON SERVICES	S DIVISION			PORT NO. B	S-00002 F 1
			BEAN	A SPREAD					
PLANT	Comanche Peak		······		2	SKETCH	<u>N/A</u>		
SYST/COMP	N/A			_		PROCEDURE	TX-ISI-210	Rev. 4	FC N/A
EXAMINER	Erickson, Scott	Scott R. Er	choon	_ LEVEL _	11	DATE	<u></u>	10/4/2000	
EXAMINER	Musgrave, Larry	Larry M. Musquare	1994 p. 1949 p. 1949 1	LEVEL	11	DATE	•	10/4/2000	
TRANSDUCE	R S/N	0 () 009Y45	ANGLE	45°		CAL. BLOCK		TBX-28	
	SIZE	.5"x1"	FREQUENCY	2.25 MHz		THICKNESS		5.45	
COMMENTS/S	KETCH/DETAILS								
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	VIEW/DATE		TU ELECTRIC LEVEL III REVIEW	/ DATE		ANII REVIEW / DA	TE		
Van P.	Vantingen	10-9-00	J. Ragon	10/12/00		,			
			<u> </u>	/ /00		Joe C.	Han	10/13/0	1
						0			

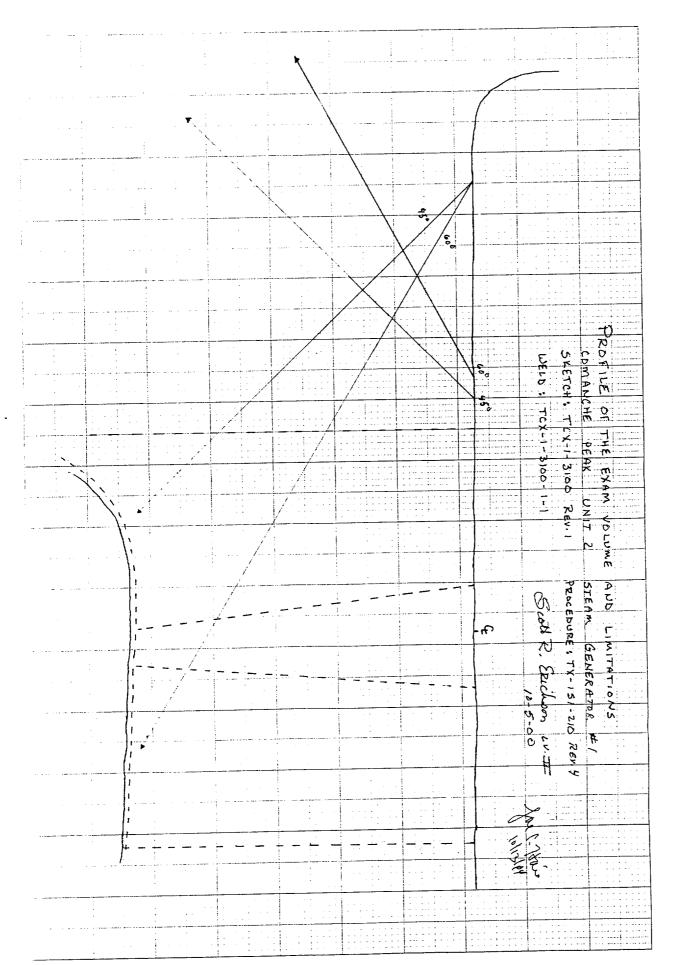
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CPSES UNIT 2 RELIEF REQUEST NO. B-5 REV. 1 PAGE 9 OF 10

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Sunda La Contra de Maria Matemánia (Electronis) Sunda La Contra Maria Galeria Maria (Electronis)



CPSES UNIT 2 RELIEF REQUEST NO. B-5 REV. 1 PAGE 10 OF 10

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CPSES UNIT 2 RELIEF REQUEST C-5

A. Item for which relief is requested:

TCX-2-2577-12pipe to valveTCX-2-2577-20pipe to valveTCX-2-2578-35pipe 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	/ Linit 2		Data S	heet#	PDI-6		
Company	WesDyr			Page S	1	of 1	┝┼┼┼┼┼┼╎╴┝┼┼┼┼┼┼	
Comp/System	Cont. S			raye		01	── │	
Procedure No.	TX-ISI-3			Cal. Cl	acks.	Time		
Rev/Chng. No.	$\frac{1}{0}/0$	002		Initial C		0725		
Cal. Block No.	TBX-48				Calib. Date			
Cal. Block Temp.			700	Interme		9-26-00 N/A		
Therm S/N	TU-2250			Interme		N/A		
Size <u>16"/30</u>	_Sch.	<u>0.375</u> "		Final C		1705		
Ferritic		X Austen	ITIC	Final C	alib. Date	9-26-00		
Each Maj. or CR1			<u> </u>		.	. 4	Search Unit #1 Search U	nit #2
Cal. Direction:	Axial		loth <u>X</u>	-	Coupla		Manufacture: KBA Manufacture: KBA	
Scan Area:	to W			Type:	Ultrage	1		/ 2.25Mhz
	II to W	eld		Batch:	97425			ape: Round
							Exam Angle: 45°S Model: Comp. Exam Angle: 70°S Mod	
			1	Recorda		_	Measured Angle: 45°S Measured Angle: 70°	
		Access		ndicati	ons	Exam	Wedge Style: Non Integral Wedge Style: Non Ir	
Examination Are	a/Weld		Yes		Geom	Sens.	Search Unit Cable Search Uni	t Cable
TCX-2-2577-12		UPS		X	NO	39.0 dB	Type: RG-174 Type: RG-174	
							Length: 6' No 0 Length: 6' No	0
							Instrument Settings Instrument	Settings
							Make/Model: Sonic 136 Make/Model: Sonic 13	6
Remarks/Reaso	ns for inc	omplete S	can(s)	Pipe to	Valve		Serial No: SAP 101313 Serial No: SAP 101	313
10% Not Examin	ed						Delay: 0.247" Range: 2.00" Delay: 0.433"	Range: 2.00"
							M'tl Cal/Vel: 0.121"/µs Pulser: 222ns M'tl Cal/Vel: 0.121"/µs	Pulser: 222ns
Exam Sensitivit	y for 70°	is 48.0 dB	, it wa	s reduc	ed to a le	vel below	Damping: $\overline{500 \Omega}$ Reject: OFF Damping: $\overline{500}$	Reject: OFF
calibration sens.							Rep. Rate: 4K Freq: 2.25Mhz Rep. Rate: 4K	Freq: 2.25Minz
as per procedure							Filter: 1 Mode: P.E. Filter: 1	Mode: P.E.
Examiners:			Lev	/el	Date	······	Reference Sensitivity (Sens.) Reference Sensitivity (_
Donn 1	2. Lee	lun				09-26-00		00113.7
			2				Axial: <u>32.0 dB</u> Circ: <u>34.2 dB</u> Axial: <u>54.2 dB</u> Circ:	NA
		-	Le	el N/A	A Date	N/A		<u>117</u>
1.	11						SDH Sensitivity: <u>N/A</u> SDH Sensitivity: <u>N/A</u>	
Reviewers:	Men	Furthe	r Evalu	ation Re	equired?	Yes No X		
,	·							
TU Electric Review / D					TU Electric	Level III Revie	/Date ANII Review / Date ANTI witnes	sed Exam
Ful n Ver		- Icl	dee	1	1.77		1 / 100 P. Hair 10/14/00	
ound 11 bes	7		400		χ، Κα	igan	10/13/00 Jack. Dan 10/19/01	

CPSES UNIT 2 RELIEF REQUEST NO. C-5 PAGE 3 OF 7

	Westinghouse Nuc Inspectio	lear Service D on Services	Division
PR	OFILE OF THE EX	AMINATION	VOLUME
Plant <u>COMANCHE</u>	EAK Unit	2	Sketch <u>TCX-2-2577 REV.0</u>
System/Comp CONTAINM			Procedure $\underline{TX} - \underline{ISI} - 206 Rev. 1 F.e. 1 \neq 2$
Weld Identification 12	Date	7-3-91	_Examiner <u><i>XBel</i></u>
VALVE 2 SIDE	. <u>446</u> <u></u>	TUM 3//	0. 5 510E I.D. 346" 346" TTON OF PROFILE

CPSES UNIT 2 RELIEF REQUEST NO. C-5 PAGE 4 OF 7

PDI

Calibration Data Sheet

						-	
Plant/Unit	CPSES			te Sheet #			
Company	WesDyn		Pa	ge <u>1</u>	_ of1		
Comp/System	Cont. Sp						
Procedure No.	TX-ISI-3	02		I. Checks	Time		
Rev/Chng. No.	0/0		Init	ial Calib.	1019		
Cal. Block No.	TBX-48			ial Calib. Dat	te 9-26-00		
Cal. Block Temp.	73° Con	np. Temp.	83° Inte	ermediate	N/A		
Therm S/N	TU-2250)	Inte	ermediate	N/A		
Siz <u>e 16"/30</u>	Sch.	0.375 "		al Calib.	1422		
Ferritic		X Austen	itic Fin	al Calib. Dat	e 9-26-00		
Each Maj. or CRT	l Div. = 0					Search Unit #1	Search Unit #2
Cal. Direction:	Axial	Circ. E	Both <u>X</u>	Coupl	ant	Manufacture: KBA Manufa	cture: KBA
Scan Area:	_L to We	eld <u>X</u>	Туг	be: Ultrage	el II	Serial No.: 009R22 / 2.25Mhz Serial N	
	II to We	eld	Bat	ch: 97425			0.250" Shape: Round
							ngle: 70°S Model: Comp.
			Rec	ordable	1		ed Angle: 70°S
		Access	Indi	cations	Exam		Style: Non Integral
Examination Are	a/Weld		Yes	No Geom	Sens.	Search Unit Cable	Search Unit Cable
TCX-2-2577-20		UPS		X NO	44.0 dB	Type: RG-174 Type:	RG-174
			<u> </u>			Length: 6' No 0 Length:	
			┣───┣			5	
		 	┼──╌┼─		..	Instrument Settings	Instrument Settings
		L			1		lodel: Sonic 136
Remarks/Reasor		omplete S	can(s) Pip	e to Valve		Serial No: <u>SAP 101313</u> Serial N	
10% Not Examin	ied.					Delay: 0.247" Range: 2.00" Delay:	0.433" Range: 2.00
						M'tl Cal/Vel: 0.121"/µs Pulser: 222ns M'tl Cal	
Exam Sensitivit						M'tl Cal/Vel: 0.121"/ μ s Pulser: 222ns M'tl Cal Damping: 500 Ω Reject: OFF Dampin	/Vel: 0.121"/µs Pulser: 222
calibration sens.	to reduce					M'tl Cal/Vel: 0.121"/µs Pulser: 222ns M'tl Cal	/Vel: 0.121"/µs Pulser: 222 g: 500 Reject: OFF
calibration sens. as per procedure	to reduce		o a level b	etween 5%~	-20% FSH	M'tl Cal/Vel: 0.121"/ μ s Pulser: 222ns M'tl Cal Damping: 500 Ω Reject: OFF Dampin	/Vel: 0.121"/µs Pulser: 222 g: 500 Reject: OFF ate: 4K Freq: 2.25
calibration sens. as per procedure Examine <u>r</u> s:	to reduce	e I.D. roll to	o a level b	etween 5%~	-20% FSH	$\begin{array}{l lllllllllllllllllllllllllllllllllll$	/Vel: 0.121"/µs Pulser: 222 g: 500 Reject: OFI ate: 4K Freq: 2.25
calibration sens. as per procedure Examine <u>r</u> s:	to reduce	e I.D. roll to	o a level b	etween 5%~	-20% FSH	M'tl Cal/Vel: $0.121''/\mu s$ Pulser:222nsM'tl CalDamping: 500Ω Reject:OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. RateFilter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceReference	/Vel: 0.121"/µs Pulser: 222 g: 500 Reject: OFF ate: 4K Freq: 2.25 1 Mode: P.E
calibration sens. as per procedure Examine <u>r</u> s:	to reduce	e I.D. roll to	o a level b	between 5%~ Date	~20% FSH 9 <u>09-24-00</u>	M'tl Cal/Vel: $0.121''/\mu s$ Pulser:222nsM'tl CalDamping: 500Ω Reject:OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. Rate:Filter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceReference	/Vel: 0.121"/µs Pulser: 222 g: 500 Reject: OFf ate: 4K Freq: 2.22 1 Mode: P.E
calibration sens. as per procedure Examine <u>r</u> s:	to reduce	e I.D. roll to	o a level b	etween 5%~	~20% FSH 9 <u>09-24-00</u>	M'tl Cal/Vel: $0.121''/\mu s$ Pulser: $222ns$ M'tl CalDamping: 500Ω Reject: OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. RateFilter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceAxial: 32.0 dB Circ: 34.2 dB Axial:	Vel: $0.121"/\mu s$ Pulser: 222 g: 500 Reject:OFFate: $4K$ Freq: 2.25 1Mode:P.EiceSensitivity (Sens.) $54.2 dB$ Circ:NA
calibration sens. as per procedure Examiners: <u>N/A</u>	to reduce	e I.D. roll to	o a level b Level Level	Date	-20% FSH 09-24-00 N/A	M'tl Cal/Vel: $0.121''/\mu s$ Pulser: $222ns$ M'tl CalDamping: 500Ω Reject: OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. RateFilter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceAxial: 32.0 dB Circ: 34.2 dB Axial:	$\begin{array}{c c} \text{/Vel: } \underline{0.121^{"}/\mu s} & \text{Pulser: } \underline{222} \\ \underline{9: } 500 & \text{Reject: } OFf \\ \underline{4K} & \text{Freq: } \underline{2.25} \\ \underline{1} & \text{Mode: } P.E \\ \underline{1} & \text{Mode: } P.E \\ \underline{1} & \text{Reject: } OFf \\ \underline{1} & $
calibration sens. as per procedure Examiners: M/A N/A	to reduce	e I.D. roll to	o a level b Level Level	Date	~20% FSH 9 <u>09-24-00</u>	M'tl Cal/Vel: $0.121''/\mu s$ Pulser: $222ns$ M'tl CalDamping: 500Ω Reject: OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. RateFilter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceAxial: 32.0 dB Circ: 34.2 dB Axial:	Vel: $0.121^{*}/\mu s$ Pulser: 222 g:500Reject:OFFate: $4K$ Freq: 2.25 1Mode:P.EiceSensitivity (Sens.)54.2 dB Circ:NA
calibration sens. as per procedure Examiners: <u>N/A</u>	to reduce	e I.D. roll to	o a level b Level Level	Date	-20% FSH 09-24-00 N/A	M'tl Cal/Vel: $0.121''/\mu s$ Pulser: $222ns$ M'tl CalDamping: 500Ω Reject: OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. RateFilter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceAxial: 32.0 dB Circ: 34.2 dB Axial:	Vel: $0.121"/\mu s$ Pulser: 222 g: 500 Reject:OFFate: $4K$ Freq: 2.25 1Mode:P.EiceSensitivity (Sens.) $54.2 dB$ Circ:NA
calibration sens. as per procedure Examine <u>r</u> s:	to reduce e. <u>2 Sella</u>	e I.D. roll to	o a level b Level Level	Date <u>III</u> <u>N/A</u> Date n Required?	-20% FSH 09-24-00 N/A	M'tl Cal/Vel: $0.121''/\mu s$ Pulser: $222ns$ M'tl CalDamping: 500Ω Reject: OFFDampinRep. Rate: $4K$ Freq: $2.25Mhz$ Rep. Rate:Filter:1Mode:P.E.Filter:Reference Sensitivity (Sens.)ReferenceReferenceAxial: $32.0 dB$ Circ: $34.2 dB$ Axial:SDH Sensitivity:N/ASDH Sensitivity:	Avel: 0.121"/µs Pulser: 222 g: 500 Reject: OFF ate: 4K Freq: 2.25 1 Mode: P.E ace Sensitivity (Sens.) 54.2 dB Circ: NA ensitivity: N/A
calibration sens. as per procedure Examiners: N/A Reviewers:	to reduce e. <u>Selle</u> An- Date	Further	o a level b	Date <u>III</u> <u>N/A</u> Date n Required?	-20% FSH 09-24-00 N/A Yes No X	M'tl Cal/Vel: $0.121"/\mu s$ Pulser: 222ns M'tl Cal Damping: 500Ω Reject: OFF Dampin Rep. Rate: $4K$ Freq: $2.25Mhz$ Rep. Rate; Filter: 1 Mode: P.E. Filter; Reference Sensitivity (Sens.) Reference Axial: $32.0 dB$ Circ: $34.2 dB$ Axial: SDH Sensitivity: N/A SDH Sensitivity SDH Sensitivity SDH Sensitivity	Vel: $0.121^{*}/\mu s$ Pulser: 222 g:500Reject:OFFate: $4K$ Freq: 2.25 1Mode:P.EiceSensitivity (Sens.)54.2 dB Circ:NA

CPSES UNIT 2 RELIEF REQUEST NO. C-5 PAGE 5 OF 7

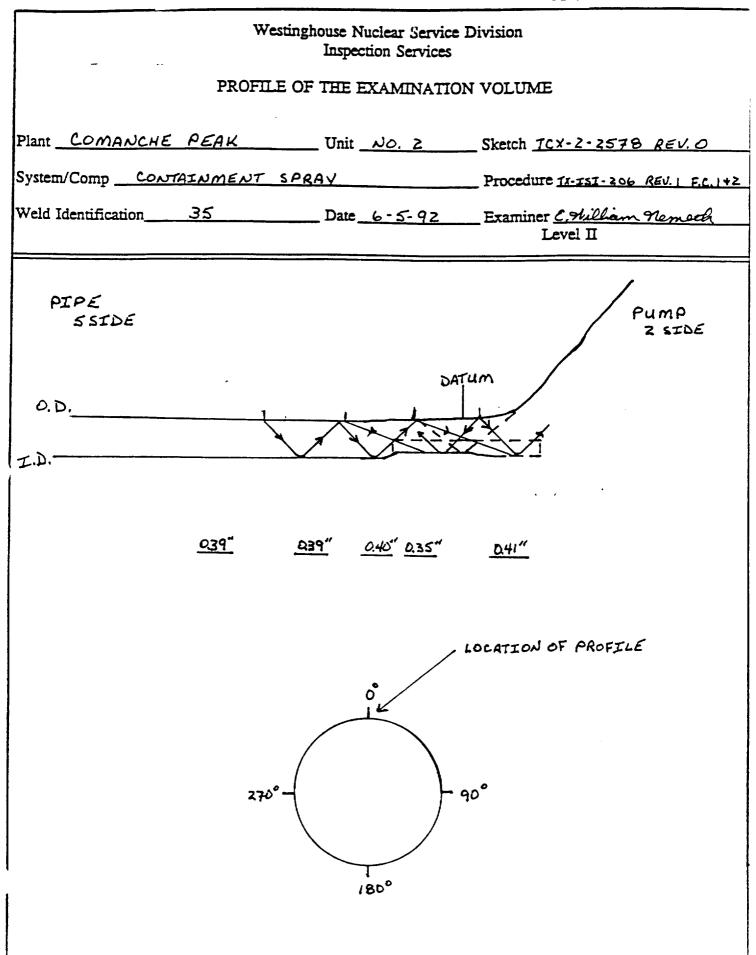
	Westinghouse N Inspec	uclear Service D tion Services	Division
PI	ROFILE OF THE E	XAMINATION	VOLUME
Plant <u>COMANCHE</u> PEA	Unit _	2	Sketch <u>TCX - 2 - 2577 Rev. 0</u>
System/Comp <u>CONTAINM</u>			Procedure $\underline{TX}-\underline{TSI}-\underline{206} Rev. 1 Fe. 1 \neq 2$
Weld Identification 20		7-2-91	Level II
	25/05		ATION OF PROFILE

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CPSES UNIT 2 RELIEF REQUEST NO. C-5 PAGE 6 OF 7

PDI				Cal	ibrat	tion D	ata	She	eet												
Plant/Unit	CPSES	/ Unit 2	ſ	Date S	heet #	PDI-5	[TT		<u> </u>	1								
Company	WesDyr			Page	1	of 1	·			╂╌╂		+	1							+	
Comp/System	Cont. S		······································	ugu	·····		·	•		╉─┤							+		<u> </u>	+1	
Procedure No.	TX-ISI-3		(Cal. Cl	necks	Time	1 –						ł							+	
Rev/Chng. No.	0/0			nitial C		1019				+									<u>├</u> }	+1	
Cal. Block No.	TBX-11		L		Calib. Dat					1-1		+	1					+			
Cal. Block Temp.		np. Temp.	i-	nterm		N/A	1						1								
Therm S/N	TU-2250	•		nterm		N/A				┼┻┼										+	
Size 12"/40	Sch.	0.375 "		Final C		1422				+		+•						+			
Ferritic		X Austen			alib. Date					+											
Each Maj. or CRT				11101				S	earch	Un	it #1		1			Se	arch	ו ז Uni	it #2		
Cal. Direction:	Axial		oth X		Coupl	ant	Manufa							Manuf	actu						
Scan Area:	_L to W			Гуре:	Ultrage		Serial N				/ 2.2	5Mhz	<u></u>	Serial				22 /	2.25H	lmz	·
	II to W	_		Batch:			Size:		50"			Round	1	Size.		250 [,]			e: Ro		
							Exam A							Exam							
			R	ecord	able		Measu	ed An	ale:		°S	<u> </u>		Measu	-					•	
		Access		ndicati		Exam	Wedge		-		Integ	ral		Wedge			-		egral		
Examination Are	a/Weld		Yes	No	Geom	Sens.			arch Ū				vn						Cable		· · · ·
TCX-2-2578-35		UPS		X	NO	44.0 dB	Type:		RG-1	74				Type:		RG-1	74				
		0.0					Length		6'	1	No	0	·····	Length	1:	6'	1	No	()	<u> </u>
								-	rume			-		Longu	••				etting		
							/A					yə		NA -1(cung	3	
							Make/N							Make/							
Remarks/Reaso		complete S	can(s)	Pipe t	o Valve.		Serial N		SAP					Serial				1013			
10% Not Examir	ned.						Delay:				_	je: <u>1.00</u>		Delay:					Range		
							M'tl Ca	_						M'tl Ca		_					
Exam Sensitivi							Dampir	-	00 Ω		-	ct: OFF		Damp	-	50			Reject		
calibration sens.		e I.D. roll t	o a lev	el betw	/een 5%~	·20% FSH	Rep. R	ate: 4	K		Freq		5Mhz	•	Rate	: <u>4K</u>			req:		5Mhz
as per procedure	e						Filter:	_1				e: <u>P.E</u>	•	Filter:		1			Node:	<u>P.</u> E	<u> </u>
Examiners:	*		Lev		Date		Refere	nce Se	ensitiv	rity (S	Sens	.)		Refere	ence	Sen	sitivi	ty (S	ens.)		
Aam.	<u>R. Ju</u>	lanso	\rightarrow	<u> </u>		09-24-00			_				_		_						
D_{\dots}		/	· .				Axial:	<u>32.6 c</u>	B	Circ:		<u>34.8 dl</u>	3	Axial:	5	<u>6.4 d</u>	<u>3</u> Cir	°C:	<u>N</u>	A	
<u><u>N/A</u></u>			Lev	ei <u>N//</u>	ADate	<u>N/A</u>	-		: .	N1/A					• • • •			•			
Reviewers:	. M.	Furthe	r Evalue	ation P	equired?	Yes No X	SDH S	ensitiv	ку :	<u>N/A</u>				SDH S	sens	ativity	. <u>IN//</u>	<u>n</u>			
	MM				oquirou (
TU Electric Review / I				(TU Electric	Level III Revie	w / Date					ANII Re	view /	Date A	J.	w	the	ssel) E1	um	,
Band on Par	line	1 dill	<i>n /i</i>			7	,	_ /.	1			l		Hai		1.5		1			
nux " Va	m p	··/·-/	~ ~		$\mathbf{Y} \mathbf{f}$	Vann.	~ ~ ~ ~	ン11マ	احدا				LL (*	FIAL	\sim	10	1141	00			

CPSES UNIT 2 RELIEF REQUEST NO. C-5 PAGE 7 OF 7



Appendix D

2RF05 Unit 2 NIS-2

2AF01-001	2CS01-002	2MS01-003
2AF01-002	2CS01-003	2MS01-004
2AF01-003	2D001-001	2RC01-001
2AF01-004	2DO01-002	2RC01-002
2001-001	2FW01-001	2RC01-003
2 <i>CC</i> 01-002	2FW01-002	2RC01-004
2 <i>CC</i> 01-003	2FW01-003	2RC01-005
2 <i>CC</i> 01-004	2FW01-004	25101-001
2CH01-001	2MS01-001	2VA01-001
2CS01-001	2MS01-002	

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

1. OwnerTU	Electric			Date	Tanuami 0 20	
	(Name)	_			January 9, 20	
	<u>Glen Rose, TX 76043</u> Address)				of	
2. PlantComanche Peak St	eam Electric Station (CPSES)			Unit	2	
Farm Rd. 56, 5 miles	North of Glen Rose, Texas	_	TXU Popoin Organia		No. Tob No.	
3. Work Performed by <u>TXU</u>			Repair Organiza			etc
_P.OB	(Name) DX 1002, GLEN ROSE, TX 76043		Type Code Symbol S Authorization No	Stamp	<u>N/A</u> N/A	
	(Address)	-	- Expiration Date			
4. Identification of System	Auxiliary Feedwater		Reference2AF-2		N/A	·
	on Code <u>Sec III</u> 19 <u>74</u> Section XI Utilized for Repa					<u> </u>
6. Identification of Component	nts Repaired or Replaced, and	Replaceme	ent Components			
<u>.</u>						
			······································		Repaired,	<u>, </u>
	Manufacturer's Name and	Nat'l Board	Other	 Year	Replaced,	ASME Code Stamped
Name of Component	Serial Number	No.	Identification	Built	Replacement	
(See pages 2 thru 2 attached	3)					
	ner and a second s		78-8178			· · · · · · · · · · · · · · · · · · ·
7. Description of Work <u>See</u>	Attached					
8. Tests Conducted:						
	.c Pneumatic Nomina	l Operatin	—	N/A		
Pressure	psi		Test T	emp.		۰F
9. Remarks ASME III CLASS 3						
	cturer's Data Reports to be a	attached)				
	· · · · · · · · · · · · · · · · · · ·					
	CERTIFICATIO					
conforms to the rules of the	tements made in the report a: ASME Code, Section XI.	re correct			PAIR placement	
 Type Code Symbol Stamp			N/A			
Certificate of Authorization	No. N/A			D -		
	1	Mane	Expiration		N/A	
Signed <u>RBM ays J.F.M</u>	/Engineering Progr		Date Date	- 14- 61		1-1401
	CERTIFICATE OF 1					
I, the undersigned, holding the State or Province of	a valid commission issued by Texas and	the Natio				
of	Hartford, CT		have in	spected the	he components	described
in this Owner's Report durin to the best of my knowledge this Owner's Report in accor	and belief, the Owner has per	formed exof the ASM	to <u>Feb</u> , 20 aminations and taken co E Code, Section XI.	orrective	measures desc	tate that ribed in
 By signing this certificate				xpressed 4	or implied co	ncerning "
the examinations and correct	ive measures described in thi	is Owner's	Report. Furthermore,	neither f	the Inspector)	nor his
employer shall be liable in connected with this inspecti	any manner for any personal i on.	injury or j	property damage or a lo	oss of an	y kind arising	from or
_ loc l. Hai	Con	missions	Texas 1080			
Inspector's S			National Board, Stat	te, Provin	nce, and Endor:	sements
Date 17 Januar	y . <u>2801</u>					
	· pt ilin (m					l

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

1.	Owner	TU Electi		_						Date _	Januar	y 9, 20	01
		(Name)											
		P.O. Box 1002, Glen Ro		-						Sheet	2	of	2
		(Address	•										
2.	Plant	Comanche Peak Steam Ele	ectric Station (CPSES)	_						Unit		2	
	Fat	rm Rd. 56, 5 miles North o	of Glen Rose, Texas						TXU				
									Repair Orga	nization P.O	. No	oh No	etc
з.	Work Pe	erformed by TXU									, .		
		-	(Name)	-					Type Code Symb	ol Stamp		N/A	
		P.O. BOX 1002	2, GLEN ROSE, TX 76043	_					Authorization	No		N/A	
			(Address)	_									·
									Expiration Dat	e		N/A	
4.	Identi	fication of System <u>Auxili</u>	iary Feedwater		_				Reference 2A	F-2			
_					,	- r	· · · ·						
İ		Item Number	i i	i	i	Repaired,	i	i	i				
i				1	:			1					

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.		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
		 					τ

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Jet 1/17/01

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FORM NIS-2	OWNER'S	S REPORT O	F REPAIR	OR REPLACEMENT
As Required 1	by the H	Provisions	of ASME	Code Section XI

. Owner TU Electr	ic			Date	January 10, 2	001
(Name)				Sheet	1 of	2
P.O. Box 1002, Glen Ro (Address				_		
Plant <u>Comanche Peak Steam Ele</u>	ctric Station (CPSES)			Unit	2	
Farm Rd. 56, 5 miles North o	f Glen Rose, Texas		TXU Repair Organiza	tion P.O.	No. Job No.	etc
Work Performed by <u>TXU</u>						
P 0 B0X 1002	(Name) , GLEN ROSE, TX 76043		Type Code Symbol S Authorization No			
	(Address)					
Identification of System <u>Auxili</u>	ary Feedwater		Expiration Date Reference2AF-4		N/A	
(a) Applicable Construction Code(b) Applicable Edition of Sectio	Sec III 19 74	Edition,	WINTER 74 Addend	a, Code C Addenda	ases <u>N/A</u> Code Cases N/	Δ
				Addenda,		••
Identification of Components Rep	aired or Replaced, and	Replaceme	nt Components			
				1	Repaired,	1
	Manufacturer's Name	1			Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
		<u> </u>				+
(See pages 2 thru 2 attached)		1	······································	 	1	
Decemination of Monte Poo Attac	hođ					
Description of Work <u>See Attac</u>	neu		+			
Tests Conducted: Hydrostatic	Pneumatic Nominal	Operatin		N/A		
		•	~			
Pressure	psi		Test T	'emp		
Remarks ASME III CLASS 3						
(Applicable Manufacturer	's Data Reports to be a	ttached)				
	CERTIFICATIO		LIANCE			
We certify that the statement				REPLA	CEMENT	
conforms to the rules of the ASME			rep	air or re	placement	
Type Code Symbol Stamp			N/A			
			Pumiration	Date	N/A	
Certificate of Authorization No		Maa	Expiration		N/A	
signed KBMays KASMA	/Engineering Progr	ams Super	Date	14-01	······································	19
l Owner or	Owner's Designee, Titl	e ph	Jula I		<i>J</i>	3A 1-14-Ch
		<u> </u>		· · · ·		
	CERTIFICATE OF I			d Broggin	o Veccel Inche	ators and
I, the undersigned, holding a vali the State or Province of		employed			nsp. & Ins. Co	
	Hartford, CT 610 140 00	0			he components	
in this Owner's Report during the	period July Jone 199	9	to Feb. 20	>01	, and s	tate that
to the best of my knowledge and be this Owner's Report in accordance				orrective	e measures desc	ribed in
-	-					
By signing this certificate neithe the examinations and corrective me	r the Inspector nor his	employer	makes any warranty, e	xpressed	or implied, co	ncerning
employer shall be liable in any ma						
connected with this inspection.		J Z				
las 1 Harris	Com	missions	Texas 1080			
Inspector's Signatu			National Board, Sta	te, Provi	nce, and Endor	sements
	a 3					
Date/7 Januar	y					
	- Jur 1117/11					

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

1. C	wner TU Electric			Date	January 10,	2001
I. U	(Name)			Date_	Danuary 10,	2001
	P.O. Box 1002, Glen Rose, TX 76043			Sheet	of	
_	(Address)					
2. P	lantComanche Peak Steam Electric Station (CPSES)			Unit _	2	
	Farm Rd. 56, 5 miles North of Glen Rose, Texas	~		TXU		
-				Repair Organization P.C	D. No., Job No	., etc
3. W	ork Performed by <u>TXU</u>					
3. W	ork Performed by <u>TXU</u> (Name)			Type Code Symbol Stamp	N/A	
3. W	(Name) P.O. BOX 1002, GLEN ROSE, TX 76043			Type Code Symbol Stamp Authorization No	N/A N/A	
3. W	(Name)			Authorization No	N/A	
	(Name) P.O. BOX 1002, GLEN ROSE, TX 76043					

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	 Year Built	Replaired, 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	 1992	REPLACEMENT	YES	1-00-133035-00	REPLACED SPRING CAN, REWELDED SUPPORT
			 	{ } 			
		 -	1 1 1] 	 		
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FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. OwnerTU Electri	c			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ros	e, TX 76043			Sheet _	of	2
(Address) 2. Plant <u>Comanche Peak Steam Elec</u>					2	
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU			
3. Work Performed by TXU			Repair Organiza	tion P.O.	No., Job No.,	etc
	(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No			
	Address)		Expiration Date		N/A	
4. Identification of System <u>Auxilia</u>		<u> </u>	Reference 2AF-2			
5. (a) Applicable Construction Code(b) Applicable Edition of Section	Sec III 19 74 XI Utilized for Repai	Edition, rs or Rep	SUMMER 74 Addend	a, Code C Addenda,	ases <u>N/A</u> Code Cases <u>N-</u>	416-1
6. Identification of Components Repa	ired or Replaced, and	Replaceme	ent Components			
 	 Manufacturer's Name	 Nat'l			Repaired, Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or	Stamped
(See pages 2 thru 2 attached)	 	 				
L.,	-	J		_ I	L	1
 Description of Work <u>See Attach</u> 	ed					
8. Tests Conducted: Hydrostatic	Pneumatic Nominal	X Operatio	g Pressure Other			
-	NOP psi			emp.		۰F
Flessure	NOEpsi		1050 1			
9. Remarks <u>ASME III CLASS 3</u> (Applicable Manufacturer'	s Data Reports to be a	ttached)				
		<u> </u>				
			·····			
 We certify that the statements	CERTIFICATIO made in the report ar			REPLACEM	ENT/REPAIR	II
conforms to the rules of the ASME C	-				placement	
 Type Code Symbol Stamp			N/A			
 Certificate of Authorization No	N/A		Expiration	Date	N/A	
signed 2BMays ASMary	/Engineering Progr		visor Date /-	-14-01	/	18
Owher br	Owner's Designee, Titl	e fi	hilistor		K	K1401
				<u></u>		
I I, the undersigned, holding a valid	CERTIFICATE OF I commission issued by			d Pressur	e Vessel Inspe	ctors and
the State or Province of			by <u>Hartford Steam</u>	Boiler I		•••••
in this Owner's Report during the p	eriod JULY 199		to Feb 200		, and s	tate that
<pre>to the best of my knowledge and bel this Owner's Report in accordance w</pre>	ief, the Owner has per rith the requirements o	formed ex f the ASM	caminations and taken c ME Code, Section XI.	orrective	measures desc	ribed in
<pre>By signing this certificate neither the examinations and corrective mea mployer shall be liable in any man</pre>	sures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his 📲
connected with this inspection.			—			
And C. Have Anspector's Signatur	·· · · · · · · · · · · · · · · · · · ·	missions	<u>Texas</u> 1080 National Board, Sta	te. Provi	nce, and Endor	sements
	28		Macional Board, Bla	, 11071	nee, and biddi	
Date 17 January	<u>ان ور</u>					84
L						<u>تـــــ</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	Date	Januar	ry 10,	2001
		(Name)	-		- 6	<u>^</u>
		P.O. Box 1002, Glen Rose, TX 76043	Sheet	2	of	2
		(Address)				
2.	Plant _	Comanche Peak Steam Electric Station (CPSES)	Unit		2	
	Far	rm Rd. 56, 5 miles North of Glen Rose, Texas	TXU Repair Organization P.	0 No.		
-	Morele Do	erformed by TXU	Repair Organization F.	0. NO., (JOD NO.	, etc
٦.	WOIK PE	(Name)			N/A	
		••	Type Code Symbol Stamp			
		P.O. BOX 1002, GLEN ROSE, TX 76043	Authorization No		N/A	
		(Address)				
			Expiration Date		N/A	
4.	Identif	fication of System Auxiliary Feedwater	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	 1992	REPAIR	 YES	2-98-122072-01	REPAIR MIN WALL BY WELDING AT FW-14A, 15A
		+ 	 	<mark> </mark>			

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RR 24159

2AF01-003

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

	Ingersoll-Dresser	Pump Company, Eng	gineered Pum	ip Group		
1. Manufactured and certified by _						
	Texas Utility Elec					
2. Manufactured for	P.O. Box 20, Dall					
	Comanche Peak					
3. Location of installation	Glen Rose, Tx. 76	043				
	ASME SA 106					
4. Type: <u>300D438AJX14</u>	GR. B	60.000	NA	1998		
(drawing no.)	(mat'l spec no.)	(tensile strength)	(CRN)	(year built)		
5. ASME Code, Section III, Divisi	on 1: <u>1989</u>	NA	3	NA		
	(edition)	(addenda date)	(class)	(Code Case no.)		
6. Fabricated in accordance with C	onst. Spec. (Div. 2	only) <u>NA</u> Re	v. <u>NA</u>	DateNA		
7. Remarks: IDP Order #: 076	5-65667, Texas Ut	ility Order #: SO274	8236D2,			

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-91953	1116	(12)	
(2)		(13)	
		(14)	
(4)		(15)	
	·	(16)	
		(17)	•
(7)		(18)	
()		(19)	
		(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

RR24159

2AF01-003

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

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 Author	rization # <u>N1867</u>	Expires	27,	September, 2001
	Ingersoll-Dresser Pump Engineered Pump Group		Signed	Mull
	(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 <u>PA</u> and employed by <u>H.S.B.I. & I Co.</u> of <u>Hartford, CT</u>, have inspected the pump, or valve, described in this Data Report on <u>IZ[30]98</u>, 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 Aluy T. U.L	Commissions _	NB/1423	'NA'	FA2682	
	(Aduth Insp.)	[Nat'l Bd. (inc	clude. endor	sements) and state or pi	rov. and #]

RR24159

2AF01-003

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

	Ingersoll-Dresser Pump Company
	Engineered Pump Group
	942 Memorial Parkway,
1. Manufactured and certified by	Phillipsburg, NJ 08865
	(Name and address of NPT certificate holder)

			Texas Utility Electric Company
2.	Manufactured	for	P.O. Box 20, Dallas TX. 75221
			(Name and address of purchaser)

Comanche Peak 3. Location of installation <u>Glen Rose, TX. 76043</u> (Name and address)

4. Type: Orifice Assy. Drawing: 300D438AJX14 Rev.: OO_CRN NA

5. Nat'l. Bd. # : <u>1116</u> Part S/N: <u>98P-91953</u>

6. IDP Order # : 07665667

DESCRIPTION

MATERIAL SPEC. MANUFACTURER

Orifice Assy. Shell

ASME SA106 GR.B Energy & Process, HT 98610

N CERTIFICATE HOLDER

12/30/48

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AUTHORIZED NUCLEAR INSPECTOR

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

1.	Owner TU Electri	c			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Rose, TX 76043					Sheet	of	2
2	(Address)				2		
2.	Plant <u>Comanche Peak Steam Elec</u>	tric station (CPSES)				2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organiza	tion P.O.	No., Job No.,	etc
3.	Work Performed by <u>TXU</u>	(270me)					
		(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No			
	(Address)		Expiration Date		N/A	
4.	Identification of System <u>Auxilia</u>	ry Feedwater		Reference 2AF-2			
5.	(a) Applicable Construction Code(b) Applicable Edition of Section						416-1
6.	Identification of Components Repa	ired or Replaced, and i	Replaceme	ent Components			
[l Donoirod	,
		Manufacturer's Name	 Nat'l			Repaired, Replaced,	ASME Code
	Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
i-	See pages 2 thru 2 attached)	· 		****			i
L	see pages 2 thru 2 actached,	1			1	[]	۱ ۱
7.	Description of Work See Attach	ed					
		F1	[]				
8.	Tests Conducted: 🛄 Hydrostatic	Pneumatic Nominal	(X) Operation	ng Pressure Other			
	-		opozaozz	-			
	Pressure	NOP psi		Test T	етр	NOT	6
9.	Remarks <u>ASME III CLASS 3</u> (Applicable Manufacturer'	a Data Poporta to bo a	trahad				
_		s bata Reports to be a	ccacheu)		<u>.</u>		
[]		CERTIFICATIO	N OF COME	LIANCE			ال للم ينية بينية من
 c	We certify that the statements conforms to the rules of the ASME C	made in the report are		and this		D/REPAIR placement	Î
Ï				-			
ПТ 	ype Code Symbol Stamp	· · · · · · · · · · · · · · · · · · ·	<u>.</u>	N/A			II
ii	certificate of Authorization No	N/A		Expiration		<u>N/A</u>	
s	signed <u>RBII/ays Los II/ in</u>	/Engineering Progra Owner's Designee, Title	ams Super		4140		
 <u> </u> -		owner's besignee, fich	•	hh ilister			18A 1-14-61
[CERTIFICATE OF I	NSERVICE	INSPECTION		<u></u>	<u></u>
	, the undersigned, holding a valid he State or Province of			nal Board of Boiler an by Hartford Steam			
∥ ∘		artford, CT		have in	spected t	he components	described
	n this Owner's Report during the p o the best of my knowledge and bel			to <u>Feb 2001</u>		, and s measures desc	
	his Owner's Report in accordance w						
	y signing this certificate neither he examinations and corrective mea	_			-	-	- "
	mployer shall be liable in any man connected with this inspection.	ner for any personal in	njury or	property damage or a l	oss of an	y kind arising	from or 📗
				Terra a large			
_ 	Agent ('. Harr Mispector's Signatur		missions	National Board, Sta	te, Provi	nce, and Endor	sements
í 1 -		20 ,					
D 	ate (17 January	20 01 Mr 1117101					
i							

REPAIR MIN WALL BY WELDING FW 31B, FW 32B

EDITION

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

1. Owner TU Elec	tric						Date January 10, 2001
(Name)							
P.O. Box 1002, Glen						Sheet2 of2	
(Addre	ess)	-					
2. Plant <u>Comanche Peak Steam B</u>	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 <u>TXU</u>		-					
	(Name)						Type Code Symbol Stamp N/A
_P.O. BOX 10	02, GLEN ROSE, TX 76043	_					Authorization No. N/A
	(Address)						
							Expiration DateN/A
 Identification of System <u>Auxi</u> 	liary Feedwater		_				Reference 2AF-2
Item Number			1 · · · · · · · · · · · · · · · · · · ·	Repaired,	1	T	
Name of Component	Manufacturer's Name	Nat'l	1	Replaced,	ASME Code	1	
Component Identification	and	Board	Year	or	Stamped	Authorizing	
Other Identification	Serial Number	No.	Built	Replacement	(Yes or No)	•	Description of Work
			Durre				
ITEM: 1		i	1		ľ	1	REPLACED ORIFICE, NEW S/N 98P-91954, RR 24159
ORIFICE	İ	Ì		İ	i	1	
CP2-AFORBO-02	INGERSOLL-DRESSER	Í	1	i	i		
BRP-AF-2-SB-027	80P-11482	661	1980	REPLACED	YES	2-98-112075-00	
			ł	 	 	<u> </u>	
ITEM: 2		1	1	1	1		REMOVE TACK WELDS FOR CODE PLATE & REINSTALL
ORIFICE				1			CODE PLATE BY WELDING, CODE YEAR: 1989

CP2-AFORBO-02

ITEM: 3

PIPING

BRP-AF-2-SB-027

BRP-AF-2-SB-027

.

INGERSOLL-DRESSER

1117

N/A

1989

1992

REPLACED

REPAIR

YES

YES

2-98-112075-00

2-98-112075-00

98P-91954

BROWN & ROOT

N/A



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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

CP2 AFORBO-02

Pg. 1 of _2___

Ingersoll-Dresser Pump Company, Engineered Pump Group 1. Manufactured and certified by <u>942 Memorial Parkway, Phillipsburg, NJ 08865</u>										
	Texas Utility Electric Company									
2. Manufactured for	P.O. Box 20, Dalla	as Tx. 75221								
	Comanche Peak		•							
3. Location of installation	Glen Rose, Tx. 76	043								
	ASME SA 106									
4. Type: <u>300D438AJX14</u>	GR. B	60,000	NA	1998						
(drawing no.)	(mat'l spec no.)	(tensile strength)	(CRN)	(year built)						
5. ASME Code, Section III, Division	on 1: <u>1989</u>	NA	3	NA						
	(edition)	(addenda date)	(class)	(Code Case no.)						
6. Fabricated in accordance with Const. Spec. (Div. 2 only) <u>NA</u> Rev. <u>NA</u> Date <u>NA</u>										
7. Remarks: IDP Order #: 076	5-65667, Texas Uti	ility Order #: SO274	8236D2.							

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-91954</u>	1117	(12)	
(2)		(13)	
		(14)	
(4)		(15)	
(5)		(16)	
(6)		(17)	
(7)		(18)	
(8)		(19)	
(9)		(20)	
(10)		(21)	
		(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 $1/2 \times 11$, (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 ____)

Certificate Holder's Serial # <u>98P-91954</u> through <u>NA</u>

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 Author	rization # <u>N1867</u>	Expires	27,	September, 2001	
Date 12/15/91 Name	Ingersoll-Dresser Pump Engineered Pump Group	_	Signed	the cha	
	(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 <u>PA</u> and employed by <u>H.S.B.I. & I Co.</u> of <u>Hartford. CT</u> have inspected the pump, or valve, described in this Data Report on <u>12/30/98</u>, 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 Alfrey 1. The	Commissions _	NB11423	NA'	MZLSZ
	(Auth. Insp.)	[Nat'l Bd. (in	clude. endorse	ments) a	nd state or prov. and #]

2AF01-004

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

	Ingersoll-Dresser Pump Company
	Engineered Pump Group
	942 Memorial Parkway,
1. Manufactured and certified by	Phillipsburg, NJ 08865
· · · · · ·	(Name and address of NPT certificate holder)

 Texas Utility Electric Company

 2. Manufactured for
 P.O. Box 20, Dallas TX. 75221

 (Name and address of purchaser)

Comanche Peak 3. Location of installation <u>Glen Rose, TX. 76043</u> (Name and address)

4. Type: Orifice Assy. Drawing: 300D438AJX14 Rev.: OO CRN NA

5. Nat'l. Bd. # : <u>1117</u> Part S/N: <u>98P-91954</u>

6. IDP Order # : 07665667

DESCRIPTIONMATERIAL SPEC.MANUFACTUREROrifice Assy.ShellASME SA106 GR.BEnergy & Process, HT 98610

Alland 12/2.184

N CERTIFICATE HOLDER

AUTHORÍZED/NUCLEAR INSPECTOR

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

As	Required by the Provis	ions of A	ISME Code Section XI	1.127/12/14 K/-	<u>,,</u>	
. Owner TU Electr	i <u>c</u>			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ro	se. TX 76043			Sheet	of	2
(Address						
Plant <u>Comanche Peak Steam Ele</u>				Unit	2	
Farm Rd. 56, 5 miles North o	f Glen Rose, Texas		TXU Repair Organizat	ion P.O.	No., Job No.,	etc
Work Performed by <u>TXU</u>	(Name)		Type Code Symbol St	amn	N/A	
	GLEN ROSE, TX 76043		Authorization No.			
Identification of System <u>Compon</u>	(Address) ent Cooling Water		Expiration Date Reference2CC-29		N/A	
(a) Applicable Construction Code (b) Applicable Edition of Section	Sec III 19 74 n XI Utilized for Repai	Edition, rs or Rep	SUMMER 74 Addenda	, Code C ddenda,	ases <u>N/A</u> Code Cases <u>N/</u>	A
Identification of Components Rep	aired or Replaced, and	Replaceme	ent Components			
	 Manufacturer's Name and	Nat'l Board	Other	Year	Repaired, Replaced, or	ASME Code Stamped
Name of Component	Serial Number	NO.	Identification	Built	Replacement	(Yes or No)
(See pages 2 thru 2 attached)	Ì			Ì	 	
Description of Work <u>See Attac</u>	ned					
Tests Conducted:	Pneumatic Nominal		g Pressure Other	N/A		
-		operatin	-			
Pressure	psi		Test Te	emp		c
(Applicable Manufacturer	's Data Reports to be a	ttached)				······
	CERTIFICATIO					ĺ
We certify that the statement conforms to the rules of the ASME	-	e correct			<u>CEMENT</u> placement	
Type Code Symbol Stamp			N/A			
ertificate of Authorization No	N/A		Expiration I	ate	N/A	
Signed <u>RBMays July of a power or</u>	/Engineering Progr		Date	1-14-	01	19
Owner or	Owner's Designee, Titl	e l	41/17/pr		K	n 1-14-0
		7				•
	CERTIFICATE OF I	NSERVICE	INSPECTION			
I, the undersigned, holding a vali-						
he State or Province of	Texas and Artford, CT	employed			<u>nsp. & Ins. Co</u> he components	
n this Owner's Report during the		19			, and s	
o the best of my knowledge and be his Owner's Report in accordance	lief, the Owner has per	formed ex	aminations and taken co			
By signing this certificate neithe the examinations and corrective me employer shall be liable in any ma	asures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his
connected with this inspection.	and beroowar r		Fberel counties of a re	un	,	
Jac C. Har	Com	missions	Texas 1080			
Mspector's Signatu	7.0		<u>Texus</u> 1080 National Board, Stat	e, Provi	nce, and Endor	sements
Date 17 Sanvary	, <u>32º01</u> , Jub_ <u>1117147</u>					
	V					

_											_		
1.	Owner	TU Electric	c							Date _	January	10, 20	01
		(Name)											
		P.O. Box 1002, Glen Rose	e, TX 76043							Sheet	2	_ of _	2
		(Address)											
2.	Plant _	Comanche Peak Steam Elect	tric Station (CPSES)							Unit _		2	
	Far	m Rd. 56, 5 miles North of	Glen Rose, Texas						TXU				
									Repair Orga	anization P.O	. No., Jo	b No.,	etc
з.	Work Pe	rformed by TXU											
		-	(Name)						Type Code Sym	bol Stamp		N/A	
		P.O. BOX 1002,	GLEN ROSE, TX 76043						Authorization	-		N/A	
			Address)										
									Expiration Dat	te		N/A	
4.	Identif	ication of System Compone	nt Cooling Water						Reference 20	··· ·· ·· ·· ·· ··			
••	2001022				-								
		Item Number		1		Repaired,	1						
ł	N	ame of Component	Manufacturer's Name	Nat'l		Replaced,	ASME Code						
1		-		:	Veen			Nuthendalas					
	Comp	onent Identification	and	Board	Year	or	Stamped	Authorizing	1				

Component Identification	and Serial Number	Board No.		Replaced, Replacement	Stamped (Yes or No)	Authorizing	Description of Work
ITEM: 1 VALVE 2-HV-4573	FISHER CONTROLS	 					TACK WELD PINS TO DISC
	BF 228556	4409	1979	 REPLACEMENT 	YES	1-00-128343-00	
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FORM NIS-2	OWNER'S	REPORT O	F REPAIR	OR F	EPLACEMENT
As Required b	y the P	rovisions	of ASME	Code	e Section XI

As	Required by the Provis	ions of A	ASME Code Section XI			A2-12 ·
1. Owner TU Electr:	ic			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ros				Sheet _	of	22
(Address) 2. Plant <u>Comanche Peak Steam Ele</u>				Unit	2	
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organiza		No. Tob No.	
3. Work Performed by <u>TXU</u>	(11)					
	(Name) , GLEN ROSE, TX 76043 (Address)		Type Code Symbol S Authorization No			
4. Identification of System <u>Compone</u>			Expiration Date Reference 2CC-29		N/A	
5. (a) Applicable Construction Code	Sec III 19 74	Edition,	SUMMER 74 Addend	la, Code C	ases <u>N/A</u>	
(b) Applicable Edition of Section6. Identification of Components Repaired				Addenda,	code Cases <u>N/</u> .	A
- - -	1				Repaired,	T · · · · · · · · · · · · · · · · · · ·
	Manufacturer's Name and	Nat'l Board	Other	Year	Replaced, or	ASME Code Stamped
Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)
(See pages 2 thru 2 attached)	 				 	
9. Remarks <u>ASME III CLASS 3</u> (Applicable Manufacturer	's Data Reports to be a	ttached)				
We certify that the statements			and this		CEMENT	
conforms to the rules of the ASME (Code, Section XI.		rep N/A	oair or rej	placement	
Type Code Symbol Stamp Certificate of Authorization No.	N/A		Expiration	Date	N/A	
signed 28 Mays ANMan	/Engineering Progra Owner's Designee, Title	ams Super				19 04 Ana 1 14 01
	Texas and and and and and and and and and and	the Natio employed	onal Board of Boiler ar by <u>Hartford Steam</u> have in	n Boiler In Ispected t		. described
in this Owner's Report during the p to the best of my knowledge and be this Owner's Report in accordance of By signing this certificate neither the examinations and corrective mea employer shall be liable in any man connected with this inspection.	lief, the Owner has per with the requirements o the Inspector nor his asures described in this	formed ex f the ASM employer s Owner's	caminations and taken o ME Code, Section XI. makes any warranty, e Report. Furthermore,	corrective expressed neither	measures desc or implied, co the Inspector	ribed in ncerning nor his
Date 17 Sun Co	сот re rg, <u>38 ој</u> fut_i1/n/w	missions	<u> </u>	ate, Provi	nce, and Endor	sements
·	JA (117) W					

1. Owner <u>TU Electri</u> (Name) P.O. Box 1002, Glen Ros							Date January 10, 2001 Sheet2 of2
(Address)							
2. Plant <u>Comanche Peak Steam Elec</u>	ctric Station (CPSES)						Unit 2
Farm Rd. 56, 5 miles North of	Glen Rose, Texas						TXU Repair Organization P.O. No., Job No., etc
	(Name) GLEN ROSE, TX 76043 (Address)						Type Code Symbol Stamp N/A Authorization No. N/A
4. Identification of System <u>Compone</u>			_				Expiration Date <u>N/A</u> Reference <u>2CC-29</u>
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						1	TACK WELD TAPERPINS TO DISC
VALVE 2-HV-4575 	FISHER CONTROLS BF 228578	4905	1979	 REPLACEMENT	YES	1-00-128344-00	
		1	 				
					1		
			1				
						1 1	
	 	 	 	 	l 		
	91 1		ļ	1	1		

				and a state of the			
1.	Owner TU Electri	c			Date	January 10, 2	001
	(Name) P.O. Box 1002, Glen Ros	e. TX 76043			Sheet	of	2
2.	(Address) Plant Comanche Peak Steam Elec					2	
	Farm Rd. 56, 5 miles North of			TXU			
_		Gien Rose, lexas			ization P.O.	No., Job No.,	etc
3.	Work Performed by <u>TXU</u>	(Name)		Type Code Symbo			
		GLEN ROSE, TX 76043 Address)		Authorization N	o		
4.	Identification of System <u>Compone</u>	nt Cooling Water		Expiration Date Reference 2CC-		N/A	
5.	(a) Applicable Construction Code(b) Applicable Edition of Section						416-1
5.	Identification of Components Repa	ired or Replaced, and 1	Replaceme	ent Components			
 		 Manufacturer's Name and	 Nat'l Board	Other	 Year	Repaired, Replaced, or	ASME Code
	Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)
(See pages 2 thru 2 attached)	1 	! 		,	 	
<i>.</i>	Description of Work See Attach	ed					
			[]]	F	1		
в.	Tests Conducted:	Pneumatic Nominal	X Operatio	ng Pressure Oth	i er		
	-	NOP psi		-	t Temp.		•F
		por		100	- Iomp		
э.	Remarks <u>ASME III CLASS 3</u> (Applicable Manufacturer'	s Data Reports to be a	ttached)				
							· · · · · · · · · · · · · · · · · · ·
		ana ama ana any sana any salarana ana ana ana ana ana ana ana ana an					
Í		CERTIFICATIO				(17) (7) (7)	
 c	We certify that the statements onforms to the rules of the ASME C		e correct		REPLA repair or re	<u>CEMENT</u> placement	
 T	ype Code Symbol Stamp			N/A			
 C	ertificate of Authorization No.	N/A		Expiratio	on Date	N/A	
	igned RBMays ASMan	/Engineering Progra	ams Man	agt Date	1.14	61	19
	Owner or	Owner's Designee, Title	e A	the cliptor			BA 1-14-01

 I	, the undersigned, holding a valid	CERTIFICATE OF I			and Pressur	e Vessel Inspe	ctors and
t	he State or Province of	Texas and		by Hartford Sto	eam Boiler I	nsp. & Ins. Co	·
	fH n this Owner's Report during the p	artford, CT eriod July 199	9			he components , and s	
	o the best of my knowledge and bel his Owner's Report in accordance w				n corrective	measures desc	ribed in
	y signing this certificate neither						
e	he examinations and corrective mea mployer shall be liable in any man onnected with this inspection.						
 _	har e. Har	• Com	missions	Texas 1080 National Board, 1			
	Inspector's Signatur	e		National Board,	State, Provi	nce, and Endor	sements
D	ate 017 Junuar	-y . 4001 fh 1/17/1	• /				Ï
			<u>'/</u>	<u></u>			
		V					

CPSES NIS-2 Report No. 2CC01-003

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

	e, TX 76043 tric Station (CPSES) Glen Rose, Texas (Name) GLEN ROSE, TX 76043 Address)		_				Date January 10, 2001 Sheet 2 of 2 Unit 2 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
		 			 	 	
		 	1	 			



•

			· · · · · · · · · · · · · · · · · · ·	····· *****		
1. Owner TU Electr	ic			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ro	se, TX 76043			Sheet _	of	2
(Address 2. Plant <u>Comanche Peak Steam Ele</u>				Unit	2	
Farm Rd. 56, 5 miles North o	f Glen Rose, Texas		TXU			
8. Work Performed by TXU			Repair Organiza			etc
	(Name) , GLEN ROSE, TX 76043		Type Code Symbol St Authorization No			
. Identification of System Compon-	(Address) ent Cooling Water		Expiration Date Reference2CC-28		N/A	
. (a) Applicable Construction Code	Sec III 19 74	Edition,	SUMMER 74 Addend	a, Code C	ases <u>N/A</u>	
(b) Applicable Edition of Section				Addenda,	Code Cases <u>N/</u>	<u>A</u>
. Identification of Components Rep.	aired or Replaced, and	Replaceme	ent Components			
	Manufacturer's Name	 Nat'1		 	Repaired, Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
(See pages 2 thru 2 attached)	1	i			 	∤ ∤
	1	1 <u></u> d		1	1	.L
. Description of Work <u>See Attac</u>	hed					
. Tests Conducted:	لے Pneumatic Nominal	لیٰ Operatin	ng Pressure Other			
Pressure	psi		Test Te	emp		
. Remarks <u>ASME III CLASS 3</u> (Applicable Manufacturer	La Data Datanta ta ba a	ttachod				
		,	····			
(1811	CERTIFICATIO	N OF COMP	LIANCE			
We certify that the statement conforms to the rules of the ASME	-	e correct			CEMENT placement	
Type Code Symbol Stamp			N/A			
Certificate of Authorization No.	N/A		Expiration 3	Date	N/A	
signed RBMays ABMay	/Engineering Progr	ams Super	visor Date /-	14-01		
Owner or	Owner's Designee, Titl	e	ht 1/17/01		Å	201 + 14-01
		0				
I, the undersigned, holding a vali-			onal Board of Boiler and			
	Hartford, CT		have in	spected t	he components	described
in this Owner's Report during the to the best of my knowledge and be this Owner's Report in accordance	lief, the Owner has per	formed ex	aminations and taken c		, and s measures desc	
By signing this certificate neithe	r the Inspector nor his	employer	makes any warranty, e	xpressed	or implied, co	ncerning
the examinations and corrective me employer shall be liable in any ma connected with this inspection.	asures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his 🛛 📗
Joe C. Har	Com	missions	Texas 1080 National Board, Sta			
Inspector's Signatu			National Board, Sta	te, Provi	nce, and Endor	sements
Date UN Junua	-4 ,2201 Jul 1/17/01					
		<u></u>				

1.	OwnerTU Electri	.c						Date January 10, 2001
	(Name)							
	P.O. Box 1002, Glen Ros	se, TX 76043						Sheet of
	(Address)							
2.	Plant Comanche Peak Steam Elec	tric Station (CPSES)						Unit 2
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas						TXU
								Repair Organization P.O. No., Job No., etc
з.	Work Performed by TXU							
		(Name)						Type Code Symbol StampN/A
		GLEN ROSE, TX 76043						Authorization No. N/A
	((Address)						
								Expiration DateN/A
4.	Identification of System <u>Compone</u>	ent Cooling Water		-				Reference 2CC-28
r		<u></u>				·····	1	
Ì	Item Number	Ì	İ		Repaired,	Í	ĺ	
1	Name of Component	Manufacturer's Name	Nat'l		Replaced,	ASME Code	Ì	
1	Component Identification	and	Board	Year	or	Stamped	Authorizing	
	Other Identification	Serial Number	No.	Built	Replacement	(Yes or No)	Document	Description of Work
	SM: 1		 		 	1 		TACK WELD PINS TO DISC

1-00-132216-00

YES

2					
			 	 	-

4325 1979 REPLACEMENT

2-HV-4572

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FISHER BF 228555

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

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	required by the Frovis					
1. OwnerTU Electric				Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Rose	e, TX 76043			Sheet _	1 of	2
(Address) 2. Plant <u>Comanche Peak Steam Elect</u>	ric Station (CPSES)			Unit	2	
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU			
3. Work Performed by <u>TXU</u>			Repair Organizat			etc
P.O. BOX 1002,	(Name) GLEN ROSE, TX 76043		Type Code Symbol St Authorization No			
4. Identification of System <u>Chilled</u>	Address) Water		Expiration Date Reference2CH-4		N/A	
 (a) Applicable Construction Code _ (b) Applicable Edition of Section 						
6. Identification of Components Repai	red or Replaced, and	Replaceme	ent Components			
	Manufacturer's Name and	Nat'l Board	Other	 Year	Repaired, Replaced, or	ASME Code Stamped
Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)
(See pages 2 thru 2 attached)				- -	 	 P
7. Description of Work <u>See Attache</u>	ed					
 B. Tests Conducted: Hydrostatic F Pressure Premarks <u>ASME III CLASS 3</u> (Applicable Manufacturer's 	psi	_	g Pressure Other _ Test Te			•F
We certify that the statements conforms to the rules of the ASME Co	-		and this		LACED placement]
Type Code Symbol Stamp			N/A			
Certificate of Authorization No.	N/A		Expiration I	Date	N/A	
signed RBMays Pasma	/Engineering Progra Wwner's Designee, Title	ams Supei	vicer Date /-	14-01		
Gwner or C	wher's Designee, Title	e //	17/4		<u> </u>	67 + 19.01
of	Texas and artford, CT and artford, CT artford, CT artford artf	the Natio employed 9 formed ex	nal Board of Boiler and by <u>Hartford Steam</u> have ins to <u>Feb 2001</u> aminations and taken co	Boiler I spected t	nsp. & Ins. Co he components , and s	described tate that
this Owner's Report in accordance wi By signing this certificate neither the examinations and corrective meas employer shall be liable in any mann connected with this inspection.	the Inspector nor his sures described in this her for any personal is Com	employer s Owner's njury or	makes any warranty, ex Report. Furthermore,	neither oss of an	the Inspector : y kind arising	nor his from or
Date	_	/	Malional Board, Stat	.e, FIOVI	nce, and Endor	

1.	Owner	TU Electri	с						Date	January 10, 2001
		(Name)								
		P.O. Box 1002, Glen Ros	e, TX 76043						Shee	t 2 of 2
		(Address)								
2.	Plant	Comanche Peak Steam Elec	tric Station (CPSES)						Unit	2
	Farm	Rd. 56, 5 miles North of	Glen Rose, Texas						TXU	
									Repair Organization P	.O. No., Job No., etc
з.	Work Per	formed by TXU							1 3	
			(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.	Identifi	cation of System <u>Chilled</u>	Water		_				Reference 2CH-4	
					-					
		Them Monthese	<u>ү</u>	,		l Deve leve d	<u> </u>	-#		
	N	Item Number				Repaired,				
		me of Component	Manufacturer's Name	Nat'l		Replaced,	ASME Code			
	Compo	nent Identification	and	Board	Year	or	Stamped	Authorizing		

Component Identification	Manufacturer's Name and Serial Number	Nat'l Board No.		Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing	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
				1 1 1 1			
			t 				

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1. Owner TU Electric Date Date Date	
(Name) P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2	
(Address) 2. Plant <u>Comanche Peak Steam Electric Station (CPSES)</u> Unit <u>2</u>	
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 <u>Chemical & Volume Control</u> Reference <u>2CS-5</u>	
 5. (a) Applicable Construction Code <u>Sec III</u> 19 74 Edition, <u>WINTER 75</u> Addenda, Code Cases <u>N/A</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, <u>Addenda, Code Cases N/A</u> 	
6. Identification of Components Repaired or Replaced, and Replacement Components	
Manufacturer's Name Nat'l Repaired, and Board Other Year or	
Name of Component Serial Number No. Identification Built Replacement (Yes o	r No)
(See pages 2 thru 2 attached)	
7. Description of WorkSee Attached	
Hydrostatic Pneumatic Nominal Operating Pressure Other N/A Pressure	°I
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	
N/A N/A	
Certificate of Authorization NoN/AExpiration DateN/A	
Signed PBMCys 1999 /Engineering Programs Supervisor Date /-/4-01 . 19-01 Swpfr or Owner's Designee, Title Date /-/4-01 . 19-01	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors at the State or Province of and employed by Hartford Steam Boiler Insp. & Ins. Co. for have inspected the components describ in this Owner's Report during the period July 1999 to to, and state th 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.	 ed at
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 o connected with this inspection.	Ű
MC. Haw Commissions Texas 1080 Inspector's Signature National Board, State, Province, and Endorsements	
Date 17 January, 2001 Jul 1/17/01	
ht 11/7/4/	

1. OwnerTU Elec	tric						Date January 10, 2001
(Nam P.O. Box 1002, Glen	•						Sheet 2 of 2
(Addre	ss)						
2. Plant <u>Comanche Peak Steam E</u>	lectric Station (CPSES)						Unit 2
Farm Rd. 56, 5 miles North	of Glen Rose, Texas						TXU
3. Work Performed by TXU							Repair Organization P.O. No., Job No., etc
-	(Name)						Type Code Symbol Stamp N/A
_P.O. BOX 10	02, GLEN ROSE, TX 76043						Authorization No. N/A
	(Address)						
							Expiration DateN/A
4. Identification of System Chem	ical & Volume Control		-				Reference 2CS-5
Item Number		[I	l Demo <i>i</i> and	1	l	
Name of Component	 Manufacturer's Name	Nat'l	1	Repaired, Replaced,	ASME Code		
Component Identification	and	Board	Year	or	Stamped	Authorizing	
Other Identification	Serial Number	No.	Built		(Yes or No)		Description of Work
h			Duric	Repracement			
ITEM: 1				1	İ		REPLACED PIN ON SNUBBER
PIPE SUPPORT	ł			1			
CS-2-079-412-C42K	BROWN & ROOT		1	1			
BRP-CS-2-RB-027	N/A	N/A	1992	REPLACEMENT	YES	4-00-132629-00	
		+				<u> </u>	
		1		1		}	
			1	1	1		
	1	1	1	1	1		

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1.	Owner	TU Electri	.c			Date	January 10, 2	001
		(Name) P.O. Box 1002, Glen Ros	e. TX 76043			Sheet	of	2
		(Address)						
2.	Plant _	Comanche Peak Steam Elec	tric Station (CPSES)			Unit	2	
	Farr	m Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organizat	ion P.O.	No., Job No.,	etc
з.	Work Per	rformed by <u>TXU</u>	····					
		D BOY 1002	(Name) GLEN ROSE, TX 76043		Type Code Symbol St Authorization No.			
			Address)					
4.	Identifi	ication of System <u>Chemica</u>	l & Volume Control		Expiration Date Reference2CS-5		N/A	
5.		licable Construction Code licable Edition of Section						A
6.	Identifi	ication of Components Repa	ired or Replaced, and 1	Replaceme	ent Components			
<u> </u>			!	1	· · · · · · · · · · · · · · · · · · ·	1		
			 Manufacturer's Name	Nat'l		1	Repaired, Replaced,	ASME Code
į			and	Board	Other	Year	or	Stamped
 	Na	ame of Component	Serial Number	NO.	Identification	Built	Replacement	(Yes or NO)
) (٤ ــــــــــــــــــــــــــــــــــــ	See pages	s 2 thru 2 attached)	 		 	 	1	
7.	Descript	tion of Work <u>See Attach</u>	ed					
8.	Tests Co	-	psi	Operatir	ng Pressure Other _ Test Te			
9.	Remarks	ASME III CLASS 1 (Applicable Manufacturer'	s Data Reports to be a	ttached)				
		ertify that the statements	-		and this		CEMENT	
cc 	onforms t	to the rules of the ASME C	ode, Section XI.		repa	ir or rej	placement	
Т) 	pe Code	Symbol Stamp			N/A			İİ
Ce	ertificat	te of Authorization No.	N/A		Expiration D		N/A	
i Si	.gned 7	BMays ASA	/Engineering Progra	ams Super	vior Date	1-17	-01	10
1		Owner or	Owner's Designee, Title	e 1	sh ilistor		P	In 1-17-0
				(
I,	the und	dersigned, holding a valid	CERTIFICATE OF I	the Natio	onal Board of Boiler and	Pressure	e Vessel Inspe	ctors and
t th		or Province of	and (artford, CT	employed			hsp. & ins. Co he components	
ir	this Ow	mer's Report during the p	eriod July 19		to Feb 2001	-	, and s	tate that 📲
		st of my knowledge and bel r's Report in accordance w				rrective	measures desc	ribed in
th en	ne examin nployer s	g this certificate neither nations and corrective mea shall be liable in any man with this inspection.	sures described in this	s Owner's	Report. Furthermore,	neither (the Inspector :	nor his 🛛 📗
		be C. Hai	۸	missions	Texas 1050			
		Inspector's Signatur	e		National Board, Stat	e, Provin	nce, and Endor	sements
Da	ite	V12 Strua-	4. 3201 Jul 1/17/41	,				
L	·····						· · · · · · · · · · · · ·	

1.	Owner	TU Electr:	ic						Date <u>January 10, 2001</u>
		(Name)							
		P.O. Box 1002, Glen Ros (Address)							Sheet of
2.	Plant	Comanche Peak Steam Elec							Unit 2
٤.	Fianc	Comanche Fear Steam Bier	crite station (cross)						
	Farm	Rd. 56, 5 miles North of	f Glen Rose, Texas						TXU
									Repair Organization P.O. No., Job No., etc
3.	Work Per	formed by <u>TXU</u>							
			(Name)						Type Code Symbol Stamp N/A
			, GLEN ROSE, TX 76043 (Address)						Authorization NoN/A
			(Address)						Expiration DateN/A
4.	Identifi	cation of System Chemica	al & Volume Control						Reference 2CS-5
					-				
г			- <u></u>	1		l	1		••••
ļ		Item Number			ļ	Repaired,			
ļ		me of Component	Manufacturer's Name	Nat'l		Replaced,	ASME Code		
ļ	-	nent Identification	and Serial Number	Board	Year	or	Stamped	Authorizing	
Ľ	OCH	er Identification	j Serial Number	No.	Built	Replacement	(Yes or No)	Document	Description of Work
II	TEM: 1								REPLACED PLUG
Į v	ALVE		1	ĺ	ĺ	Ì	ĺ	Ì	
2	-LCV-0459		COPES-VULCAN	I					
			7620-95372-203-1	987	1977	REPLACEMENT	YES	4-00-132900-00	
		· · · · · · · · · · · · · · · · · · ·		†	t	i			
				1	1	1	1	1	
i					ĺ		1	1	

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1. Owner TU Electric	2			Date	January 10, 2	001
(Name)				Sheet	of	2
P.O. Box 1002, Glen Rose (Address)	e, TX 76043					
2. Plant <u>Comanche Peak Steam Elec</u>	tric Station (CPSES)			Unit	2	
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organizat	ion P.O.	No., Job No.,	etc
3. Work Performed by <u>TXU</u>						
	(Name) GLEN ROSE, TX 76043		Type Code Symbol St Authorization No.	-		
()	Address)		Expiration Date		N/A	
4. Identification of System <u>Chemica</u>	1 & Volume Control		Reference 2CS-12			
5. (a) Applicable Construction Code (b) Applicable Edition of Section						A
6. Identification of Components Repar	ired or Replaced, and i	Replaceme	ent Components			
[1			1	Repaired,	
ĺ	Manufacturer's Name				Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
(See pages 2 thru 2 attached)	l L ₁ , , , , , , , , , , , , , , , , , , ,		l 	 _1	 	[
7. Description of Work <u>See Attach</u>	ed					
			ii			
8. Tests Conducted: Lu Hydrostatic 1	—	لسا Operatin	ng Pressure Other	N/A		
-		-	_			
Pressure	psi		Test Te	p.		
9. Remarks <u>ASME III CLASS 2</u> (Applicable Manufacturer's	a Data Reports to be at	ttached)				
					····	······
[]	CERTIFICATIO		TITANCE			רז וו
We certify that the statements	made in the report are		and this		PAIR	
conforms to the rules of the ASME Co 	ode, Section XI.		repa	ir or re	placement	
Type Code Symbol Stamp			N/A			İ
 Certificate of Authorization No	N/A		Expiration I	ate	N/A	
signed RBMays NBM ap	/Engineering Progr		misor Date /	-20.0	1	19
Owner or (Dwner's Designee, Title	e h	h 1/17/01		ABA	1.20-01
	· · ·				· · · · · · · · · · · · · · · · · · ·))
	CERTIFICATE OF I					
<pre> I, the undersigned, holding a valid the State or Province of</pre>						
ofHa	artford, CT		have ins	pected t	he components	described
in this Owner's Report during the pe to the best of my knowledge and bel:			to <u>Feb 200</u> caminations and taken co		, and s measures desc	
this Owner's Report in accordance w:	ith the requirements of	f the ASM	ME Code, Section XI.			Ĩ
<pre>By signing this certificate neither</pre>	the Inspector nor his	employer	r makes any warranty, ex	pressed	or implied, co	ncerning
the examinations and corrective meas employer shall be liable in any mans			-			
connected with this inspection.	ice for any bersondt I	yury UL	property dumage of a re	SO OF All	, a	
los a 24 in	Com	missione	TEXAS 1000			
Inspector's Signature	e		National Board, Stat	e, Provi	nce, and Endor	sements
Date 17 January	2001 					
, <u>/ Consta</u>	lik ilml					
		•				

-		-						D =4-	7 10 0001
1.		C						Date	January 10, 2001
	(Name)								
	P.O. Box 1002, Glen Ros							Sheet	of
	(Address)								
2.	Plant <u>Comanche Peak Steam Elec</u>	tric 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 Chemica	1 & Volume Control						Reference 2CS-12	**/ **
••	Identification of Dybeem			-				Kererence <u>20012</u>	
	Item Number		1		Repaired,				
		Mana Galakara I.a. Mana							
1	Name of Component	Manufacturer's Name	Nat'l		Replaced,	ASME Code			
	Component Identification	and	Board	Year	or	Stamped	Authorizing		

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	 Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing	Description of Work
ITEM: 1 VALVE 2-FCV-0121	COPES-VULCAN 7620-95372-219-1	1272	1977	25DLACETHENT	 YES	4-99-126358-00	REPLACED & MACHINED PLUG
		+ 	 	 	 ' 	 	
		 	 	 	 	 	
			 	+ 	<u>}</u> 		

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		***2			2222 July 200-11	·····
1. OwnerTU Electric	2			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Rose				Sheet _	of	2
(Address) 2. Plant Comanche Peak Steam Elect				Unit	2	
Farm Rd. 56, 5 miles North of			TXU			
3. Work Performed by TXU			Repair Organizat	ion P.O.	No., Job No.,	etc
	(Name)		Type Code Symbol St Authorization No			
	GLEN ROSE, TX 76043 Address)		Expiration Date			
4. Identification of System Diesel	Generator Auxiliary		Reference 2D0-2			
 (a) Applicable Construction Code (b) Applicable Edition of Section 	Sec III 19 74 XI Utilized for Repai	Edition rs or Rep	SUMMER 74 Addenda	1, Code Ca Addenda, (ases <u>N/A</u> Code Cases <u>N/</u>	A
6. Identification of Components Repa	ired or Replaced, and :	Replaceme	ent Components			
	 Manufacturer's Name and	 Nat'l Board	Other	 Year	Repaired, Replaced, or	ASME Code Stamped
Name of Component	Serial Number	NO.	Identification	Built	Replacement	(Yes or No)
(See pages 2 thru 2 attached)		 		İ		
7. Description of Work <u>See Attach</u>	ad					
9. Remarks <u>ASME III CLASS 3</u> (Applicable Manufacturer':	psi s Data Reports to be a CERTIFICATIO	ttached)	Test Te	emp		
We certify that the statements conforms to the rules of the ASME Co		e correct	repa		placement	
Type Code Symbol Stamp			N/A			II
Signed TBMays ABMay	N/A /Engineering Progr.	Man	Expiration I	/_/4~	 01	
Signed IS Owned or O	/Engineering Progr Dwner's Designee, Titl	ams Super e	Date	/-/ /		×1-14-01
]
<pre>I, the undersigned, holding a valid I, the State or Province of I of</pre>	Texas and antford, CT artford	the Natio employed 799 formed es	nal Board of Boiler and by <u>Hartford Steam</u> have ins to <u>Feb</u> .20 caminations and taken co	Boiler In pected the	nsp. & Ins. Co he components , and s	described tate that
By signing this certificate neither the examinations and corrective meas employer shall be liable in any mann connected with this inspection.	sures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his 🛛 📗
Inspector's Signature		missions	<u>Texas</u> 1080 National Board, Stat	e, Provi	nce, and Endor	sements
	-y_, 2001 	9/				
	1/					

1.	Owner	TU Electric		_						Date	January	10, 200)1
		(Name)		-									
		P.O. Box 1002, Glen Rose	, TX 76043	-						Sheet	2	of	2
		(Address)											
2.	Plant	Comanche Peak Steam Elect	ric Station (CPSES)							Unit _		2	
	Farm	Rd. 56, 5 miles North of	Glen Rose, Texas					•	TXU				
	-	·····		-					Repair Organ	ization P O	No Job	No e	ato
2	Work Der	formed by TXU							nopusi organ	induction 1.0		,, .	
	NOIN PEL	-	Name)	_						1 -		. / .	
									Type Code Symbo				
			GLEN ROSE, TX 76043						Authorization N	lo	N	I/A	
		(1	ddress)										
									Expiration Date	•	N	I/A	
4.	Identifi	cation of System Diesel G	enerator Auxiliary						Reference 2DC)-2			
i i		Item Number		1	1	Repaired,	ł		i				

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
		 	 	 	1 		
 			• 1 1 1				



1.	Owner TU Electri	c			Date	January 10, 2	001
	(Name) P.O. Box 1002, Glen Ros	e, TX 76043			Sheet _	1 of	2
2.	(Address) Plant <u>Comanche Peak Steam Elec</u>	tric Station (CPSES)			Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU			
3.	Work Performed by TXU			Repair Organiza	tion P.O.	No., Job No.,	etc
		(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No	tamp	<u>N/A</u> N/A	
		Address)					· · · · · · · · · · · · · · · · · · ·
4.	Identification of System Diesel	Generator Auxiliary		Expiration Date Reference2DO-3		N/A	<u> </u>
5.	(a) Applicable Construction Code(b) Applicable Edition of Section						
6.	Identification of Components Repa	ired or Replaced, and I	Replacemen	t Components			
	News of Component	 Manufacturer's Name and Serial Number	Board	Other Identification	 Year Built	Repaired, Replaced, or	ASME Code Stamped
 	Name of Component		No.		Built	Replacement	
(5	See pages 2 thru 2 attached)	 				l I	
7.	Description of Work <u>See Attach</u>	ed		<u> </u>			
9.	Hydrostatic Pressure Remarks <u>ASME III CLASS 3 *CODE</u> (Applicable Manufacturer'	NOP psi CASE: N101(1712)N154(1791)		emp	NOT	•
		CERTIFICATIO		TANCE		<u> </u>	
 cc	We certify that the statements onforms to the rules of the ASME C	made in the report are		and this		CEMENT placement	
∥ ∥Ту	ype Code Symbol Stamp		N	/A			
∥ ∥ Ce	ertificate of Authorization No	N/A		Expiration 1		N/A	
 Si	igned RBMays ABMay	/Engineering Progr	Ma. ams Superv	1907 Date /-	14-01		
	igned <u>RBMays</u> <u>J. 13 Mary</u> Ownerfor	Owner's Designee, Title	•	fut ilister		A	BA 1-14 01
	the undersigned holding a valid	CERTIFICATE OF I		NSPECTION al Board of Boiler and	d Pressur	e Vessel Inspe	ctors and 🛛
∥ ∥ I,	, the undersigned, nording a varia			v Hartford Steam	Boiler I	nsp. & Ins. Co	
∥ th	he State or Province of	Texas and	emproyed p				
th of in	he State or Province of	Texas and a artford, CT eriod July /	999	to have in:	spected t	he components , and s	described tate that
th of in to	he State or Province of fH	<u>Texas</u> and a artford, CT eriod <u>Joly /</u> ief, the Owner has per	99 formed exa	have in: to <u>ب</u> کرد minations and taken co	spected t	he components , and s	described tate that
th of in to th By th en	he State or Province of	Texas and a artford, CT eriod Joly / ief, the Owner has per ith the requirements of the Inspector nor his sures described in this ner for any personal is	formed exa f the ASME employer s Owner's njury or p	have in to <u>Feb</u> 200 minations and taken co Code, Section XI. makes any warranty, en Report. Furthermore, roperty damage or a lo	prected the prective optimized of the pressed of the pressed optimized optized optimized optimized optimized optized optimized optimized	he components , and s measures desc or implied, co the Inspector s y kind arising	described tate that ribed in ncerning nor his from or
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th of in to th By th em	he State or Province of	Texas and a artford, CT eriod Joly / ief, the Owner has per ith the requirements of the Inspector nor his sures described in this ner for any personal is	formed exa f the ASME employer s Owner's njury or p	have in to <u>Feb</u> 200 minations and taken co Code, Section XI. makes any warranty, en Report. Furthermore, roperty damage or a lo	prected the prective optimized of the pressed of the pressed optimized optized optimized optimized optimized optized optimized optimized	he components , and s measures desc or implied, co the Inspector s y kind arising	described tate that ribed in ncerning nor his from or
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1. Owner	TU Electri (Name)	¢							Date	January 10, 2001
P.O. Bo	<u>x 1002, Glen Ros</u> (Address)	e, TX 76043							Sheet _	of2
2. Plant <u>Comanche</u>	Peak Steam Elec	tric Station (CPSES)							Unit	22
Farm Rd. 56,	5 miles North of	Glen Rose, Texas						TXU		
3. Work Performed by	TXU							Repair Organizat	ion P.O.	No., Job No., etc
		(Name)						Type Code Symbol St	.amp	N/A
		GLEN ROSE, TX 76043 Address)						Authorization No.		N/A
4. Identification of	System <u>Diesel</u>	Generator Auxiliary		-				Expiration Date Reference2DO-3		N/A
Item Nu Name of Com Component Iden	ponent tification	 Manufacturer's Name and	Nat'l Board	Year	Repaired, Replaced, or	ASME Code Stamped	Authorizing		4 1	
Other Identi	fication	Serial Number	No.	Built	Replacement	(Yes or No)	Document	D	escripti	on of Work

Component Identification Other Identification	and Serial Number	Board No.	Year Built	or Replacement	Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2DO-0077	ROCKWELL INTL.	 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	1983 1992	REPLACEMENT	YES	4-99-125958-00	REPLACED FIFING TO AID IN VALVE REPLACEMENT. NOTE: CONSTRUCTION CODE 1974 S74 ED.; CODE CASES: N/A
		+	 	 	 		
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May-07-97 Wed 09:35 Am Edward Valves I	; INC
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Senes No.

or Type

Serial

No.

<u>35AIX</u>

JU AT

-97	WED	09:35	MA	Edward	VALVES	INC	FAX NO), 9198313376	ť	· UZ KK 2/134
	FOR	M NPV	-1 N I	CERTIFIC	ATE HOL	DERS'	DATA REPORT FO	OR NUCLEAR PU	PAGE OF Z IMPS OR VALVES	•
1. M	anulac anulac	sured by	Fa	INARTE VA	Address TILITIC	SEL	ECTRIC Co. P.	O.B. O. LOOZ	EIGH, NC 276 GLCNROSE TX 7	03
3. La	cation	of Instal	lation	COMAN	ADDIESE	FAK	SES. GLEAL	Rose, IX	0043	
	(2)) Model I	NO (D) N Certific	ate Holde	r's (c)	Çanadian			

lei Člass

2

(f) Nat'l.

84. NO.

N/A

8

PG.

. 37

(g) Year

Built

1997

7

(1; 1838YT2 ♪ (2) (3)

38 AIX 199 NA 171026 NO z NLA <u> 4838YT2</u> 36 IA T) * (4) (5) (6) (7) (8) (9) (10) CHECK VALVE \$. (Brief description of service for which equipment was designed) 50.36-43588

Registration

No.

Æ

Nin

(d) Drawing

No.

171026R/0

940 700 600 _ (1) *F or Valve Pressure Class 6. Design Conditions OS Pressurel 1440 (Temperature) _ psi at 100°F. 7. Cold Working Pressure ,

8. Pressure Retaining Pieces

Mark No.	· Mat	enal Spec. No.	Manufacturer	Remarks
a) Castings		•		
	!:			
	1			
	·			
	÷			
				•
(b) Forgings				
665	BSA	105	TRINITY FORGE	BODY
× 6YK			TRINITY FORSE	COVER
218		GR 616	DUBOSE SERVICES	
	1			
				1

(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 NP	1-1 (Back) 1	1.03 P. 03
		Material Spec. No.	Manufacturer	Remarks
Mark	Ng.			20001-00
(c) Bolting	PC 14	SA 193 GR B7	TEXAS BOLT	CAP SCREW
A				
		1		
		į		
(d) Other Pa	/1s			
107 Quier Fil				
· · · · · · · · · · · · · · · · · · ·				
		•		
	2175		1440 pri	
9. Hydrostatic test	2175 ,	si. , Disk Differential test pressure_	1440 psi.	
[CERTIFICATE OF	COMPLIANCE	
We certify that t	the statemen	CERTIFICATE OF	COMPLIANCE ct and that this pump, or valve	, conforms to the rules of
We certify that t	the statemen	CERTIFICATE OF ts madg_in_this report are corre ode for Nuclear Power Plant Co	COMPLIANCE ct and that this pump, or valve mponents. Section III, Div. L. E	conforms to the rules of dition 1974
We certify that t construction of t Addence	the statemen the ASME Co AMER 19 (Date)	CERTIFICATE OF ts madg_in_this report are corre ode for Nuclear Power Plant Co 7.5 Code Case No	COMPLIANCE ct and that this pump, or valve mponents. Section III, Div. L. E N/A	conforms to the rules of dition 1974 , $114/97$
We certify that the construction of the Addends Sum Signed Endly	the statemen the ASME G MMER 19 Datei AME VAL	CERTIFICATE OF ts made in this report are corre ode for Nuclear Power Plant Co 25. Code Case No yes TNC.	COMPLIANCE ct and that this pump, or valve imponents. Section III. Div. L. E N/A Date by	0/14/97
We certify that the construction of the Addends Sum Signed Endly	the statemen the ASME G MMER 19 Datei AME VAL	CERTIFICATE OF ts madg_in_this report are corre ode for Nuclear Power Plant Co 75 . Code Case No VES TNC.	COMPLIANCE ct and that this pump, or valve imponents. Section III. Div. L. E N/A Date by	conforms to the rules of dition <u>1974</u> . <u>2/14/97</u> <u>cocc</u> bol expires <u>11/24/97</u> .
We certify that the construction of the Addends Sum Signed Endly	the statemen the ASME G MMER 19 Datei AME VAL	CERTIFICATE OF ts made in this report are corre ode for Nuclear Power Plant Co 25. Code Case No yes TNC.	COMPLIANCE ct and that this pump, or valve imponents. Section III. Div. L. E N/A Date by	0/14/97
We certify that the construction of the Addenda Sume Signed Court ASME Certify	the statemen the ASME Cl AMER 19 (Date) BIRD VAL (N Certificate Ho icate of Authority)	CERTIFICATE OF ts made in this report are corre- ode for Nuclear Power Plant Co 75 . Code Case No. <u>VES TNC</u> . orization No. <u>N-1562</u> CERTIFICATION	COMPLIANCE ct and that this pump, or valve mponents. Section III, Div. L, E N/A Date by	ollion <u>6/14/97</u> <u>6/14/97</u> <u>6/24/97</u> (Dero)
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We certify that to construction of the Addenda SUM Signed Enwire Our ASME Certife Design information Stress analysis r	the statemen the ASME C. MMER 19 IDatei ARE VALT (N Certificate He icate of Authorities of Authorities ion on file at report IClass	CERTIFICATE OF ts made_in_this report are corre ode for Nuclear Power Plant Co 75 . code Case No	COMPLIANCE ct and that this pump. or valve mponents. Section III. Div. L. E N/A Date by	ollion <u>6/14/97</u> <u>6/14/97</u> <u>6/24/97</u> (Dero)
We certify that to construction of the Addenda Sum Signed Ends Our ASME Certif	the statemen the ASME C. AMER 19 Datei (N Centificate Ho incate of Authority ion on file at report (Class	CERTIFICATE OF ts made_in_this report are corre ode for Nuclear Power Plant Co 75 . code Case No	COMPLIANCE ct and that this pump, or valve mponents. Section III, Div. L, E N/A Date by	ollion <u>6/14/97</u> <u>6/14/97</u> <u>6/24/97</u> (Dero)

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CERTIFICATE OF SHOP INSPECTION

(1) Signature not required. List hame only.

:

the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
ind the State or Province of <u>NORTH CAROLINA</u> and employed by <u>H.S.B.T.A.T. Co.</u>
have inspected the pump, or valve, described in this Data neport on
2.20 13 97, and state that to the best of my knowledge and belief, the N Certificate Holder has con-
structed this pump, or valve, in accordance with the ASME Code, Section III.
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any
manner for any personal injuny or property damage or a loss of any kind arising from or connected with this inspection,
Date 3-14 18 97 Commissions NC1083
(Nari Bd., State, Prov. and No.)

PG _ 9 OF 37

. Owner TU Electri	.c			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ros	e, TX 76043			Sheet	of	2
(Address) . Plant Comanche Peak Steam Elec		•			2	
Farm Rd. 56, 5 miles North of		•	TXU			
	Gren Rose, Texas		Repair Organiza	tion P.O.	No., Job No.,	etc
. Work Performed by <u>TXU</u>	(Name)		Type Code Symbol S	tamp	N/A	
	GLEN ROSE, TX 76043 Address)		Authorization No			
. Identification of System Feedwat	er		Expiration Date Reference _2FW-1		N/A	
(a) Applicable Construction Code	Sec III 19 74		WINTER 79 Addend			
(b) Applicable Edition of SectionIdentification of Components Reparent	-	_		Addenda,	code cases <u>N/</u>	<u>A</u>
Identification of components kepa	ifed of Replaced, and	кертасенк	ene componences			
			··· ··· ··· ··· ··· ···		Repaired,	
	Manufacturer's Name and	Nat'l Board	Other	 Year	Replaced,	ASME Code Stamped
Name of Component	Serial Number	No.	Identification	Built		(Yes or No)
(See pages 2 thru 2 attached)			·····			
Description of Work See Attach	ed					
bescription of work <u>bec needed</u>				·		
Tests Conducted:						
Hydrostatic	Pneumatic Nominal	Operatio	ng Pressure Other	N/A		
Pressure	psi		Test T	emp		o
Remarks ASME III CLASS 1						
(Applicable Manufacturer'	s Data Reports to be a	ttached)				· · · · · · · · · · · · · · · · · · ·
	CERTIFICATIO					l
We certify that the statements conforms to the rules of the ASME C		e correct			<u>CEMENT</u> placement	
Type Code Symbol Stamp			N/A			l
	N/A		· · · ·	Data	N/A	ii
Certificate of Authorization No.	÷	Ma	Expiration			
Signed <u>RBMays</u> Bill auf	/Engineering Progra Owner's Designee, Title	ams Supei	Life Date	-14-01		1.14.01
		Ð	ap 112401		7.8/	1779-01
	CERTIFICATE OF I	NSERVICE	INSPECTION			
I, the undersigned, holding a valid the State or Province of						
++++++++++++++++++++++++++++++++++++++	artford, CT	ешртоуеа	by <u>Hartford Steam</u> have in		he components	
in this Owner's Report during the p			to Peb 200		, and s	,
to the best of my knowledge and bel this Owner's Report in accordance w	-			orrective	measures desc	ribed in
By signing this certificate neither	the Inspector nor his	employer	makes any warranty, e	xpressed	or implied, co	ncerning
the examinations and corrective mea employer shall be liable in any man			-		-	
connected with this enspection.	and beroomer r		F-FF-FF amongo of a f	01 un		
tall Hai	Com	missions	Texas 1080			I
Inspector's Signatur	e		National Board, Sta	te, Provi	nce, and Endor	sements
Date 17 Januar	· y , 10 01					
	ph 1/12	191		<u></u>		
	(/					

1.	Owner	TU Electri	2						Date	January 10, 2001
	-	(Name)		-						• • • • • • • • • • • • • • • • • • • •
		P.O. Box 1002, Glen Rose	e, TX 76043	-					Sheet	2 of2
		(Address)								
2.	Plant _	Comanche Peak Steam Elec	tric Station (CPSES)	-					Unit	2
	Far	rm Rd. 56, 5 miles North of	Glen Rose, Texas					TXU		
				-				Repair Organizati	on P.O.	No., Job No., etc
З.	Work Pe	erformed by <u>TXU</u>	<u>_</u>	-						
			(Name)					Type Code Symbol Sta	.mp	N/A
		P.O. BOX 1002,	GLEN ROSE, TX 76043	_				Authorization No.		N/A
		()	Address)							
								Expiration Date		N/A
4.	Identif	fication of System Feedwat	er					Reference 2FW-1		
Γ		Item Number		1 I	Repaired,		 			
i	-					1	1	i		

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	 N/A	1982	REPLACEMENT	YES	1-00-128894-00	REPLACED SNUBBER, NEW S/N 19158, RIR 18243
 					165 		
		 	 	 	 	 	
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	1	i	i	í	1	,	

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1. Owner <u>TU Elec</u>				Date	January 10, 2	001				
(Nam P.O. Box 1002, Glen	Rose, TX 76043									
(Address) 2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 2										
Farm Rd. 56, 5 miles North	of Glen Rose, Texas		TXU		<u> </u>					
3. Work Performed by <u>TXU</u>			Repair Organiza			etc				
P.O. BOX 10	(Name) 102, GLEN ROSE, TX 76043 (Address)		Type Code Symbol S Authorization No							
4. Identification of System Feed	lwater		Expiration Date Reference2FW-3		N/A	······				
5. (a) Applicable Construction Co (b) Applicable Edition of Sect						A				
6. Identification of Components F	epaired or Replaced, and	Replacem	ent Components							
	Manufacturer's Name and	Nat'l Board	Other	 Year	Repaired, Replaced, or	ASME Code Stamped				
Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)				
(See pages 2 thru 2 attached)		 	 	 						
7. Description of Work <u>See Att</u>	ached									
9. Remarks <u>ASME III CLASS 2</u> (Applicable Manufactur	er's Data Reports to be a	ttached)								
]				
 We certify that the stateme conforms to the rules of the ASM			t and this		PAIR placement	 				
Type Code Symbol Stamp			N/A							
Certificate of Authorization No.			Expiration	Date	N/A	. <u> </u>				
Signed RBMays BM	/Engineering Progr	ams supe	Date	1-14-0		19				
Compension Compension Compension	r Owner's Designee, Titl	e Ju	h ilistor		<u> </u>	3111-14-0				
<pre>I I, the undersigned, holding a va the State or Province of of in this Owner's Report during th to the best of my knowledge and this Owner's Report in accordance</pre>	Texas and Hartford, CT e period July 19 belief, the Owner has per	the National the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of the National temployed of templ	onal Board of Boiler an by <u>Hartford Steam</u> have in to <u>Feb 2601</u> xaminations and taken c	Boiler I spected t	nsp. & Ins. Co he components , and s	described				
By signing this certificate neit the examinations and corrective employer shall be liable in any connected with this inspection.	measures described in thi manner for any personal i	s Owner's njury or	s Report. Furthermore, property damage or a 1	neither	the Inspector	nor his 🛛 📗				
Date	ture	missions	National Board, Sta	te, Provi	nce, and Endor	sements 				
L	Junry , 3801 Jul 1/11/01					اً بیرینی ا				
	17									

CPSES NIS-2 Report No. 2FW01-002

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

TXU	of	2
Unit _		
TXU	2	
Repair Organization P.O). No., Job No.	, etc
Type Code Symbol Stamp	N/A	
Authorization No	N/A	
Expiration Date	N/A	
leference2FW-3		
∙u Sx	piration Date	cpiration DateN/A

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	Description of Work
ITEM: 1 VALVE 2-HV-2187	FISHER 7509009	 6447	1981	REPAIR	 YES	3-97-329373-01	MACHINED PLUG
	 	 	 		 		



					• • •	
1. Owner TU Electri	c			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ros	e. TX 76043			Sheet	of	2
(Address) 2. Plant Comanche Peak Steam Elec					2	
Farm Rd. 56, 5 miles North of			TXU			·
	Gien Rose, lexas		Repair Organiza	tion P.O.	No., Job No.,	etc
3. Work Performed by <u>TXU</u>	(Name)		Type Code Symbol S	tamp		
	GLEN ROSE, TX 76043 Address)		Authorization No		N/A	
4. Identification of System Feedwat	er		Expiration Date Reference 2FW-3		N/A	. <u></u>
		Edition			2000 N/A	
 (a) Applicable Construction Code (b) Applicable Edition of Section 	XI Utilized for Repair	rs or Rep	placements - 19 <u>86</u> ,	Addenda,	Code Cases <u>N/A</u>	A
6. Identification of Components Repa	ired or Replaced, and :	Replaceme	ent Components			
	1	1	· · · · · · · · · · · · · · · · · · ·	1	Repaired,	<u>, </u>
1	Manufacturer's Name	 Nat'l			Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
(See pages 2 thru 2 attached)	 					<u> </u>
	i	L	L	_1	I	LI
7. Description of Work <u>See Attach</u>	ed		· · · · · · · · · · · · · · · · · · ·			
		[X]				
B. Tests Conducted: 🖵 Hydrostatic	Pneumatic Nominal					
Pressure	NOP psi		Test I	emp.	NOT	°F
9. Remarks ASME III CLASS 2						
(Applicable Manufacturer'	s Data Reports to be a	ttached)	· · · · · · · · · · · · · · · · · · ·			
	<u></u>					
We certify that the statements	CERTIFICATIO made in the report ar			REPAIR/R	EPLACEMENT	
conforms to the rules of the ASME C				air or re	placement	
Type Code Symbol Stamp			N/A		·····.	1 1
 Certificate of Authorization No	N/A		Expiration	Date	N/A	
signed J. B. Mays Asman	/Engineering Progr	M ams Supe r	Visor Date	1-14		1901
lowner or	Owner's Designee, Titl	e J	hilisty	·		
						ار ال ديد دي
 I, the undersigned, holding a valid		the Natio	onal Board of Boiler an			
the State or Province of of	artford, CT	employed			nsp. & Ins. Co he components	
in this Owner's Report during the p to the best of my knowledge and bel		999			, and s	
this Owner's Report in accordance w				OTTECCIVE	measures desc	
∥ ∥ By signing this certificate neither						
the examinations and corrective mea employer shall be liable in any man						
connected with this inspection.					5	II II
for C. Ha	Com	missions	Texas 1020 National Board, Sta			
Inspector's Signatur			National Board, Sta	ice, Provi	nce, and Endor	sements
Date /7 Janue						
	jun 117101					<u>_</u>
	(/					

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1.	Owner TU Electric	2							Date Jar	uary 10, 2	001
	(Name)										
	P.O. Box 1002, Glen Rose	e, TX 76043							Sheet	2 of	2
	(Address)										
2.	Plant <u>Comanche Peak Steam Elect</u>	ric Station (CPSES)							Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose Texas						TXU			
	Paim KG. 50, 5 miles Noten of	Gien Robe, Texab						Repair Organiza	ation P.O. No.	Job No	etc
_								Kepair Organiza	ACTON 1.0. NO.	, 505 40.,	
3.	Work Performed by <u>TXU</u>									/-	
		(Name)						Type Code Symbol S			
	P.O. BOX 1002,	GLEN ROSE, TX 76043						Authorization No.		N/A	
	(1	Address)									
								Expiration Date		N/A	
4	Identification of System Feedwate	er						Reference 2FW-3			
7.	Identification of System			-							
		1					1				
	Item Number				Repaired,			ł			
	Name of Component	Manufacturer's Name	Nat'l		Replaced,	ASME Code	1				
Ì	Component Identification	and	Board	Year	or	Stamped	Authorizing	1			
i	Other Identification	Serial Number	No.	Built	Replacement	(Yes or No)	Document	1	Description of	of Work	
					•				-		

Component Identification Other Identification	and Serial Number	Board No.		or	Stamped (Yes or No)	Authorizing	Description of Work
ITEM: 1 VALVE 2-HV-2136	BORG WARNER						MACHINED BONNET SEAL SURFACE
 	51320	N/A 	1979 	REPAIR 	YES 	3-99-329314-01 	REPLACED GATE, RR 24587
VALVE 2-HV-2136	BORG WARNER	N/A	 1979	REPLACEMENT	 YES	 3-99-329314-01	
ITEM: 3 GATE TSN 406285	BORG WARNER IU44 (SN-4)	 N/A	 1978	REPAIR	 YES	 P.O. S02811356S2	MACHINED GATE, RR 24587
	 	! 	 	 	 	 	
			1	 	L L 1	 	
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filinter

1. Owner TU Elect:	ric			Date	January 10, 2	001
(Name)					
P.O. Box 1002, Glen R (Addres				Sheet _	of	2
. Plant Comanche Peak Steam El				Unit	2	
Farm Rd. 56, 5 miles North	of Glen Rose, Texas		TXU			
. Work Performed by TXU			Repair Organiza	tion P.O.	No., Job No.,	etc
	(Name)		Type Code Symbol S			
P.O. BOX 100	2, GLEN ROSE, TX 76043 (Address)		Authorization No		N/A	
. Identification of System Feedwa	ater		Expiration Date Reference 2FW-2		N/A	
		Edition			2505 N/N	
(a) Applicable Construction Code(b) Applicable Edition of Section						A
. Identification of Components Rep	paired or Replaced, and	Replaceme	ent Components			
. Identification of components ne	futica of Replacea, and	nepraceme				
		 		1	Repaired,	·····
	Manufacturer's Name			į	Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
		<u> </u>	·		-	
(See pages 2 thru 2 attached)	 			 	} \$	
. Description of Work <u>See Atta</u>	hed					
. Description of work <u>— bec need</u>		····				
. Tests Conducted:		x				
Hydrostatic	Pneumatic Nominal	Operatin	g Pressure Other			
Pressure	NOP psi		Test T	emp.	NOT	•
	<u></u>			_		
Remarks <u>ASME III CLASS 2</u> (Applicable Manufacture:	r's Data Reports to be a	ttached)				
						,,
	CERTIFICATIO	N OF COMP	TITANCE	<u></u>		
We certify that the statement	s made in the report ar		and this		PAIR	
conforms to the rules of the ASME	Code, Section XI.		rep	air or re	placement	1
Type Code Symbol Stamp			N/A			!
Certificate of Authorization No.	N/A		Expiration	Date	N/A	2
signed RBMays ASM cy		Ma	^	1-14-01		
	/Engineering Progr Cowner's Designee, Title		A Uliziar			19 II
			(F 1)17/0/		<u></u>	
	CERTIFICATE OF I	NSERVICE	INSPECTION			
I, the undersigned, holding a val:						
the State or Province of of	<u>Texas</u> and Artford, CT	employed			he components	
in this Owner's Report during the			to Feb 20			tate that
to the best of my knowledge and be this Owner's Report in accordance	•			orrective	measures desc	ribed in
By signing this certificate neith	er the Inspector nor his	emplover	makes anv warrantv. e	xpressed	or implied. co	ncerning
the examinations and corrective me	-					
employer shall be liable in any ma connected with this inspection.	anner for any personal is	njury or	property damage or a l	oss of an	y kind arising	from or
connected with this inspection.	71.		-			
Me C.		missions	Texas 1080 National Board, Sta	to Drowi	nge and Ender	sements "
Inspector's Signat			National Board, Sta	ce, Provi	nce, and Endor	sements
DateJ7 Jan	vary , 2001	1				Ï
	ful 1/17/	01				
	(I)					

1. Owner	TU Electric								Date _	January 10,	2001
	(Name)										
-	P.O. Box 1002, Glen Rose	e, TX 76043							Sheet	<u>2</u> of	2
	(Address)										
2. Plant	Comanche Peak Steam Elect	ric Station (CPSES)							Unit _	2	
Farm	n Rd. 56, 5 miles North of	Glen Rose, Texas						TXU			
								Repair Organiz	ation P.O	. No., Job Nc	., etc
3. Work Per	rformed by <u>TXU</u>										
		(Name)						Type Code Symbol	Stamp	N/A	
	P.O. BOX 1002,	GLEN ROSE, TX 76043						Authorization No.		N/A	
	(1	ddress)									
								Expiration Date		N/A	
4. Identifi	ication of System Feedwate	er						Reference 2FW-2	2		
[]	Item Number			F	Repaired,		r		·····		
	mo of Component	Manufacturorla Nama	Not 1)onlagod	ACME Code		i			

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	 Year Built	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
			- - 				

fit

CPSES	NIS-2	Report	No.	2MS01-001	
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3	FORM NIS-2 OF	WNER'S REPORT	OF REPAIR	OR REPLACEMENT	
As	Required by	the Provisio	ons of ASME	Code Section XI	

						•
			CPSES	NIS-2 Re	port No. 2MS	01-001
As	FORM NIS-2 OWNER'S REPOR Required by the Provis					
Owner TU Electr	ric			Date	January 17, 2	001
(Name)				Sheet	<u>1</u> of	2
P.O. Box 1002, Glen Ro (Address						
Plant <u>Comanche Peak Steam Ele</u>	ectric Station (CPSES)			Unit	2	
Farm Rd. 56, 5 miles North c	of Glen Rose, Texas		TXU Repair Organiza	tion P.O.	No., Job No.,	etc
Work Performed by <u>TXU</u>	(Name)		Type Code Symbol Si	tamp	n N/A	
P.O. BOX 1002	(Address)		Authorization No		<u>N/A</u>	
Identification of System <u>Main S</u>	Steam		Expiration Date Reference2MS-2		N/A	······
(a) Applicable Construction Code(b) Applicable Edition of SectionIdentification of Components Rep	on XI Utilized for Repair	rs or Repl	acements - 19 <u>86</u> ,	a, Code C Addenda,	ases <u>N-101(1</u> Code Cases <u>N-</u>	712) 416-1
Identification of components kep	arred or kepraced, and h	Replacemen				
					Repaired,	
	Manufacturer's Name and	Nat'l Board	Other	 Year	Replaced, or	ASME Code Stamped
Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)
See pages 2 thru 2 attached)					1 	
	bod					
Description of Work <u>See Attac</u>	ined					<u>.,</u>
Tests Conducted:		x				
Hydrostatic	Pneumatic Nominal	Operating	Pressure Other			
Pressure	NOP psi		Test Te	emp.	NOT	
Remarks <u>ASME III CLASS 2</u> (Applicable Manufacturer	's Data Reports to be a	ttached)				
				-201		
We certify that the statement	CERTIFICATIO			משמ		
onforms to the rules of the ASME		e correct	rep	air or re	placement	
ype Code Symbol Stamp		N	/A			
ertificate of Authorization No.	N/A		Expiration	Date	N/A	
Son a AM	N/A	Mur	Expiration	. 17		20.
igned <u>RBMays</u> <u>RBMays</u> <u>Owner or</u>	/Engineering Progra Owner's Designee, Title	ams Superv e	ther Date	- / /	··································	fit 1/17/01
	CERTIFICATE OF I	NEEDVICE	NCDECTION			
, the undersigned, holding a vali	d commission issued by	the Nation	al Board of Boiler an			
the State or Province of	Texas and Hartford, CT	employed b			nsp. & Ins. Co he components	
n this Owner's Report during the to the best of my knowledge and be this Owner's Report in accordance	period <u>July</u> elief, the Owner has per	formed exa		-	, and s	tate that
				-		
By signing this certificate neithe the examinations and corrective me employer shall be liable in any ma	easures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his
connected with this inspection.	, .					
Inspector's Signatu	Jan com 18 - y . 39 <u>01</u> Jul 1/17/	missions _	National Board, Sta	te, Provi	nce, and Endor	sements
Date 17 Janua	-y, 3801					
	fur 1/17/	<u>e/</u>				

1. Owner <u>TU Electri</u> (Name)	c						Date	January 17, 2001
P.O. Box 1002, Glen Ros (Address)	e, TX 76043						Sheet	2 of2
2. Plant <u>Comanche Peak Steam Elec</u>	tric Station (CPSES)						Unit	2
Farm Rd. 56, 5 miles North of	Glen Rose, Texas						TXU	
3. Work Performed by <u>TXU</u>							Repair Organization P.(D. No., Job No., etc
	(Name)						Type Code Symbol Stamp	N/A
	GLEN ROSE, TX 76043 Address)						Authorization No	N/A
4. Identification of System <u>Main St</u>	eam		_				Expiration Date Reference2MS-2	N/A
Item Number			r 	Repaired,	1		·····	
Name of Component Component Identification	Manufacturer's Name and	Nat'l Reard	 Voom	Replaced,	ASME Code			
Other Identification	Serial Number	Board No.	Year Built	or Replacement	Stamped (Yes or No)	Authorizing Document	Descript	tion of Work

Component Identification Other Identification	and Serial Number	Board No.		or	Stamped (Yes or No)	Authorizing	Description of Work
ITEM: 1 VALVE 2MS-0672	ROCKWELL				 		REPLACED VALVE, NEW S/N 48API, RR 25683
MS-2-RB-014 	BL 299	N/A 	1983 	REPLACED	YES	1-98-121548-00	
		 	 	 		<u></u> _	
 		5 					
 		 	2 		 		
			 1	 			

fith

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES* 25683 As Required by the Provisions of the ASME Code, Section III, Div. 1

					· · · · · · · · · · · · · · · · · · ·	211501-		<u>2g. 1 of _2_</u>
1.	Manufactured by	Edward Vog	t Valve Co.,	1900 S. S	Saunders St.,	Raleigh, NC 276	03	
	Manufactured for	SERVICES, INC.	P.O.BOX 20,	DALLAS	•	0		
3.	Location of Installation <u>T</u>	<u>U ELECTRIC, C</u>		PEAK SES	5 <mark>, FM 56, GLE</mark> N	I ROSE, TX, 76043	3	<u></u>
4.	Pump or Valve	Valve	Nomi	(Name and A nal Inlet Size	ddress)2** (inch)	Outlet Size		2"
	(a) Model No. Series No. or Type	Series No. Holder's			(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)		. <u></u>					
	(5)				<u></u>			
	(6)						<u> </u>	· · · · · · · · · · · · · · · · · · ·
	(7)			·····				. <u></u>
	(8)	···· - ······						
	(9)							
	(10)							<u> </u>
5.	2" GLOBE VALVE		(Brief descrip	tion of service fo	r which equipment was d	esigned)	12875	
- 6.	Design Conditions	2240	psi	800	°F or Valve Pr	essure Class	1500	(1)
7.	Cold Working Pressure	(Pressure) 3600	psi at 100 °F.	Temperature)				
8	Pressure Retaining Piece Mark No.		Material Spec. I	 No.	Manufa	cturer	Remar	ks
_								
	(a) Castings CV		A732 GR 2	1	CONSOLIDA	TED CAST	DISI	K
							<u> </u>	,
	. <u></u>							
	(b) Forgings							
	7HUB		SA182 GRF		TRINITY		BOD	
	DH22		SA479 T31	6	DUBOSE	ENERGY	BONN	ET
							<u>. </u>	
							<u></u>	
								

(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

FORM NPV-1 (Back)

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2m501-00	g. 2 of <u>2</u>	
Valve S/N		

Ц

Mark No.	Material Spec. No.	Manufacturer	S/N _47AP1_ through _49A Remarks
(c) Bolting		· .	
			· · · · · · · · · · · · · · · · · · ·
(d) Other Parts			
· · · · · · · · · · · · · · · · · · ·			
•			
certify that the statements made ir he ASME Code for Nuclear P	CERTIFICATE OF (this report are correct and that the ower Plant Components. Section	is pump, or valve, conforms	
enda SUM 1975 , Cod	h this report are correct and that the Power Plant Components. Section de Case No. N/A	is pump, or valve, conforms	1974
enda <u>SUM 1975</u> , Code enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt</u> Valvo	h this report are correct and that the Power Plant Components. Section de Case No. N/A	is pump, or valve, conforms III, Div. 1., Edition	1974
enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Certificate Holder)	h this report are correct and that the Power Plant Components. Section de Case No. N/A	is pump, or valve, conforms III, Div. 1., Edition , Date	1974 12/9/99
enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Certificate Holder)	e Co.	is pump, or valve, conforms III, Div. 1., Edition , Date , Date N symbol expire	1974 /2/9/99
enda SUM 1975 , Cod ed Edward Vogt Valva (N Certificate Holder) ASME Certificate of Authorization No.	h this report are correct and that the Power Plant Components. Section the Case No. N/A e Co. by N-1562 to use the	III, Div. 1., Edition , Date , Date , N symbol expir	1974 12/9/99
Ine ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Certificate Holder) ASME Certificate of Authorization No. Design information on file at	h this report are correct and that the Power Plant Components. Section the Case No. N/A e Co. by N-1562 to use the CERTIFICATION C	III, Div. 1., Edition UII, Div. 1., Edition Date N symbol expir DF DESIGN	1974 /2/9/99 res 11-26-00 (Date)
the ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valvo</u> (N Certificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only)	h this report are correct and that the Power Plant Components. Section the Case No. N/A e Co. by N-1562 to use the CERTIFICATION Control on file at	III, Div. 1., Edition , Date , Date , N symbol expir	1974 /2/9/99 res 11-26-00 (Date)
the ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Centificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only) Design specifications certified by (1)	h this report are correct and that the Power Plant Components. Section the Case No. N/A e Co. by N-1562 to use the CERTIFICATION Confile at	III, Div. 1., Edition UII, Div. 1., Edition Date N symbol expir DF DESIGN	$ \frac{1974}{\frac{12/9/99}{\frac{12}{9/99}}} $ res 11-26-00 (Date)
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enda SUM 1975 , Cod ed Edward Vogt Valve (N Certificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only) Design specifications certified by (1) PE State 1 tress analysis certified by (1) PE State 1 ignature not required. List name only. undersigned, holding a valid commission <u>Dina</u> and employed by <u>Hartford</u> cted the pump, or valve, described in the icate Holder has constructed this pump	In this report are correct and that the Power Plant Components. Section is case No. N/A Provide Case No. N/A In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. by In the Co. CERTIFICATION Co. In the Co. Reg. No. In the CERTIFICATE OF SHO CERTIFICATE OF SHO In the Co. Reg. No. In the CERTIFICATE OF SHO CERTIFICATE OF SHO In the Co. In the CERTIFICATE OF SHO In the CERT INSPECtion an insolute Report on 1/2/9 Point Steam Boiler Inspection an insolute ASME Co.	III, Div. 1., Edition Date N Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 DP INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 192, and state that, to the orde Section III	1974 12/9/99 res 11-26-00 (Date) CO. NZO AZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l
the ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Certificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only) Design specifications certified by (1) PE State <u>T</u> tress analysis certified by (1) PE State <u>T</u> tress analysis certified by (1) PE State <u>T</u> undersigned, holding a valid commission <u>Dina</u> and employed by <u>Hartford</u> cted the pump, or valve, described in the icate Holder has constructed this pump pring this certificate neither the Inspector Report. Furthermore, neither the Inspector	In this report are correct and that the Power Plant Components. Section the Case No. N/A In the Case No. N/A In the Case No. N/A In the Case No. N/A In the Case No. In the Case No. <td>III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 1.92, and state that, to the code, Section III.</td> <td>1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l</td>	III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 1.92, and state that, to the code, Section III.	1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l
the ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Centificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only) Design specifications certified by (1) PE State <u>T</u> tress analysis certified by (1) PE State <u>T</u> tress analysis certified by (1) PE State <u>T</u> undersigned, holding a valid commission <u>Dina</u> and employed by <u>Hartford</u> cted the pump, or valve, described in the icate Holder has constructed this pump ming this certificate neither the Inspect Report. Furthermore, neither the Inspect rising from or connected with this Inspe	In this report are correct and that the Power Plant Components. Section the Case No. N/A In the Case No. N/A In the Case No. N/A In the Case No. N/A In the Case No. In the Case No. <td>III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 1.92, and state that, to the code, Section III.</td> <td>1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l</td>	III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 1.92, and state that, to the code, Section III.	1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l
the ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Certificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only) Design specifications certified by (1) PE State <u>T</u> tress analysis certified by (1) PE State <u>T</u> undersigned, holding a valid commission <u>Dina</u> and employed by <u>Hartford</u> cted the pump, or valve, described in the icate Holder has constructed this pump pring this certificate neither the Inspector Report. Furthermore, neither the Inspector	In this report are correct and that the Power Plant Components. Section the Case No. N/A In the Case No. N/A In the Case No. N/A In the Case No. N/A In the Case No. In the Case No. <td>III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 1.92, and state that, to the code, Section III.</td> <td>1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l</td>	III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha 1.92, and state that, to the code, Section III.	1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l
the ASME Code for Nuclear P enda <u>SUM 1975</u> , Cod ed <u>Edward Vogt Valve</u> (N Centificate Holder) ASME Certificate of Authorization No. Design information on file at Stress analysis report (Class 1 only) Design specifications certified by (1) PE State <u>T</u> tress analysis certified by (1) PE State <u>T</u> ignature not required. List name only. Undersigned, holding a valid commission <u>Dina</u> and employed by <u>Hartford</u> Cted the pump, or valve, described in the cate Holder has constructed this pump ining this certificate neither the Inspect Report. Furthermore, neither the Inspect rising from or connected with this Inspe	In this report are correct and that the Power Plant Components. Section the Case No. N/A Image: Plant Components. Section the Case No. N/A Image: Plant Components. Section the Case No. N/A Image: Plant Components. Section the Case No. N/A Image: Plant Components. Section the Components. Section the CERTIFICATION Components. N-1562 Image: Plant Components. Section the CERTIFICATION Components. CERTIFICATION Components. Image: Plant Components. Section the CERTIFICATE OF SHO the National Board of Boiles Steam Boiler Inspection an the component of the Case No. Reg. No. Image: Plant Component the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of the CERTIFICATE OF SHO the component of th	III, Div. 1., Edition Date N Symbol expire (N) DF DESIGN EDWARD VOGT VALVE MATTHEW B DILOREN 66058 P INSPECTION er and Pressure Vessel Inspectors d Insurance Co. of Ha J_95, and state that, to the code, Section III. y, expressed or implied, concerning my manner for any personal injury of	1974 12/9/99 res 11-26-00 (Date) CO. NZO and the State or Province of North rtford Connecticut have best of my knowledge and belief, the l

1.	Owner TU Electri	c			Date	January 10, 2	001
	(Name) P.O. Box 1002, Glen Ros	e, TX 76043			Sheet	of	2
2.	(Address) Plant <u>Comanche Peak Steam Elec</u>				Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU			
3.	Work Performed by TXU			Repair Organiza	tion P.O.	No., Job No.,	etc
	P.O. BOX 1002,	(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No			
	(. Identification of System Main St	Address)		Expiration Date Reference 2MS-1		N/A	
4. 5.	(a) Applicable Construction Code		Edition		a Code C		
5.	(b) Applicable Edition of Section						A
6.	Identification of Components Repa	ired or Replaced, and :	Replaceme	ent Components			
		 Manufacturer's Name and	 Nat'l Board	Other	Year	Repaired, Replaced, or	ASME Code
	Name of Component	j Serial Number	No.	Identification	Built	Replacement	Stamped (Yes or No)
(: .	See pages 2 thru 2 attached)	 					
7.	Description of Work See Attach	ed					
			x				
8.	Tests Conducted: لسا Hydrostatic	Pneumatic Nominal					·
	Pressure	NOP psi		Test Te	emp.	NOT	•F
9.	Remarks ASME III CLASS 2						
	(Applicable Manufacturer's	s Data Reports to be a	ttached)				
		CERTIFICATIO	N OF COME	PLIANCE			
 co	We certify that the statements onforms to the rules of the ASME Co	-	e correct			PAIR placement	
 T	ype Code Symbol Stamp			N/A			
 Ce	ertificate of Authorization No	N/A		Expiration 1	Date	N/A	
 S:	igned RBMays ABMay	/Engineering Progra	ams Super	Date /	14-01		12
 	Oyner or (Owner's Designee, Title	<u> </u>	L Iholes		28	x1 1.14.2(
<u> </u>		CERTIFICATE OF I	NSERVICE	INSPECTION	· .]
	, the undersigned, holding a valid he State or Province of			nal Board of Boiler and by <u>Hartford Steam</u>			
i oi	EHa	artford, CT		have in:	spected th	he components	described
į ta	n this Owner's Report during the pe o the best of my knowledge and bel: his Owner's Report in accordance wa	ief, the Owner has per		aminations and taken co		, and s measures desc	
İ	y signing this certificate neither	-			cpressed (or implied, co	ncerning
er	he examinations and corrective meas mployer shall be liable in any mann connected with this inspection.			-		-	
 	bell. Hair	Com	missions	Texas 1080			II
	Inspector's Signature			<u>Texas</u> 1030 National Board, Stat	ce, Provin	nce, and Endor	sements
Da	ate 17 Januar	7					
L		ph ilist,	<i>øl</i>				اا ا <u>ب ا</u>
		17					

1.	Owner _	TU Electric				Date _	January 10, 2001
		(Name)					
		P.O. Box 1002, Glen Rose, TX 76043				Sheet	of2
		(Address)					
2.	Plant _	Comanche Peak Steam Electric Station	(CPSES)			Unit _	2
	Far	rm Rd. 56, 5 miles North of Glen Rose,	<u>l'exas</u>			TXU	
						Repair Organization P.C	. No., Job No., etc
з.	Work Pe	erformed by <u>TXU</u>	· · · · · · · · · · · · · · · · · · ·				
		(Name)				Type Code Symbol Stamp	N/A
		P.O. BOX 1002, GLEN ROSE,	<u>FX 76043</u>			Authorization No	N/A
		(Address)					
						Expiration Date	N/A
4.	Identif	fication of System <u>Main Steam</u>				Reference 2MS-1	
<u> </u>	<u></u>	1		T	<u> </u>	1	
1		Item Number	1 1	Repaired,			

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	 N/A	1976	REPAIR	YES	4-00-128335-00	MACHINE BONNET STEM BORE
	 	 · · 					
	 	 		 	 		

Jul 1/11/4

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FORM NIS-2 OWNE	R'S REPORT OF REPAI	R OR REPLACEMENT
As Required by the	Provisions of ASM	E Code Section XI

1.	OwnerTU Electri	.c			Date	January 10, 2	001
	(Name) P.O. Box 1002, Glen Ros				Sheet	of	2
	(Address)						<u>-</u>
2.	Plant <u>Comanche Peak Steam Elec</u>				Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organizat	ion P.O	No Joh No	etc
3.	Work Performed by <u>TXU</u>						etc
	P.O. BOX 1002	(Name) GLEN ROSE, TX 76043		Type Code Symbol St Authorization No.			
		(Address)		_			
4.	Identification of System <u>Main St</u>	eam		Expiration Date Reference 2MS-5		N/A	
5.	(a) Applicable Construction Code(b) Applicable Edition of Section	Sec III 19 74 XI Utilized for Repai	Edition, rs or Rep	<u>SUMMER 74</u> Addenda lacements - 19 <u>86</u> , A	a, Code C Addenda,	ases <u>N/A</u> Code Cases <u>N/</u>	A
б.	Identification of Components Repa	nired or Replaced, and	Replaceme	ent Components			
			1 · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		Repaired,	1
		Manufacturer's Name	Nat'l		i	Replaced,	ASME Code
İ		and	Board	Other	Year	or	Stamped
	Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or NO)
(s	ee pages 2 thru 2 attached)				 	i I	
7.	Description of Work <u>See Attach</u>	ned					
	_	_	_				
8.	Tests Conducted:		x				
	Hydrostatic	Pneumatic Nominal	Operatin	g Pressure Other _			
	Pressure	NOP psi		Test Te	emp	NOT	•
_							
9.	Remarks <u>ASME III CLASS 2</u> (Applicable Manufacturer'	s Data Reports to be a	ttached)	••••••••••••••••••••••••••••••••••••••			
							<u></u>
					87 - 12		
	We certify that the statements	CERTIFICATIO made in the report ar			RE	PAIR	
і со	onforms to the rules of the ASME C		0 0011000			placement	
 Ty	pe Code Symbol Stamp			N/A			
 Ce	ertificate of Authorization No.	N/A		Expiration I	Date	N/A	II II II II II II II II II II II II II
		/Engineering Progr	Man				
∥ Si ∥	gned RBMays ASM/cap	/Engineering Progr Owner's Designee, Titl	ams Super	<u>visor</u> Date <u>/</u>	-/4-0	·/ ···································	
			<u>~ jut _</u>	1(7/0/		jø.	
		CERTIFICATE OF I	NEEDVICE	INSPECTION			
∥ ∥ I,	the undersigned, holding a valid	commission issued by	the Natio	nal Board of Boiler and	l Pressur	e Vessel Inspe	ctors and
th	e State or Province of	Texas and	employed	by <u>Hartford Steam</u>	Boiler I	nsp. & Ins. Co	·
of	this Owner's Report during the p	Hartford, CT	999			he components , and s	
in to	the best of my knowledge and bel						
th	his Owner's Report in accordance w	with the requirements o	of the ASN	ME Code, Section XI.			Ï
∥ ∥ Ву	signing this certificate neither	the Inspector nor his	employer	makes any warranty, ex	pressed	or implied, co	ncerning
∥ th	e examinations and corrective mea	asures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his
	ployer shall be liable in any mar nnected with this inspection.	mer for any personal 1	mjury or	property damage of a 10	us ur an	y king arising	
Ϊ.	- /1			- average and the all			Ï
	Inspector la Signatur	Com	missions	National Board, Stat	e. Provi	nce, and Endor	 sements
	inspector s signatur	70		Sactorial Douldy Dou		,	
Da	ite]7 Janu.	<u>~~~</u> , <u>xol</u>		<u>TCX45 1080</u> National Board, Stat			1
11 1		- Art 1142/01	,				
		U					

1.	OwnerTU Electric	2						Date	January 10, 2003	1
	(Name) P.O. Box 1002, Glen Rose	e, TX 76043						Sheet	of	2
2.	(Address) PlantComanche_Peak Steam Elect	ric Station (CPSES)						Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas						TXU		• • •
3.	Work Performed by TXU							Repair Organization P.	O. No., Job No., et	tc
2.		(Name)						Type Code Symbol Stamp	N/A	
		GLEN ROSE, TX 76043 Address)						Authorization No	N/A	
								Expiration Date	N/A	
4.	Identification of System <u>Main Sto</u>	eam		-				Reference 2MS-5		
[Item Number		1	 	Repaired,	1	r I		·	
i	Name of Component	Manufacturer's Name	Nat'l	İ	Replaced,	ASME Code	l	i		
1	Component Identification	and	Board	Year	or	Stamped	Authorizing	Ì		
	Other Identification	Serial Number	NO.	Built	Replacement	(Yes or No)	Document	Descrip	tion of Work	
	EM: 1							MACHINED PLUG AND BO	NNET	

	İ	i	i	-		1	-
ITEM: 1 VALVE		 					MACHINED PLUG AND BONNET
2-HV-2452-1 	FISHER 6510826	 5120	 1979	REPAIR	YES	4-00-128889-00	
		} † !	} 			 	
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	1		1				

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1.	Owner TU Electri	.c			Date	January 10, 2	2001
	(Name) P.O. Box 1002, Glen Ros	e, TX 76043			Sheet _	of	22
2.	(Address) Plant <u>Comanche Peak Steam Elec</u>				Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU			
з.	Work Performed by TXU	····		Repair Organiza	tion P.O.	No., Job No.,	etc
	P.O. BOX 1002,	(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No.			
	(Address)		Expiration Date			
4.	Identification of System Main St	eam		Reference 2MS-1			
5.	(a) Applicable Construction Code(b) Applicable Edition of Section						'A
5.	Identification of Components Repa	ired or Replaced, and	Replaceme	ent Components			
 		Manufacturer's Name and	 Nat'l Board	Other	Year	Repaired, Replaced, or	ASME Code
 	Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)
) (S	ee pages 2 thru 2 attached)	ĺ					į į
7.	Description of Work See Attach	ed					
_	Tests Conducted.		x				
3.	Tebeb conducted.	_					
	Pressure	NOP psi		Test T	emp.	NOT	°I
9.	Remarks <u>ASME III CLASS 2</u> (Applicable Manufacturer'	a Data Peparta to be a	ttached				
[CERTIFICATIO	N OF COM	LIANCE			
	We certify that the statements nforms to the rules of the ASME C		e correct			ENT/REPAIR placement	İ
 Tv	pe Code Symbol Stamp			N/A		-	1
i -	rtificate of Authorization No.	N/A		Expiration	Date	N/A	
i	gned RBMays BMay	/Engineering Progr	M				19
51	Owner or	Owner's Designee, Title		Lh 1/17/01	/ · /	Ain	1-14-01
					····	· · · · · · · · · · · · · · · · · · ·	
th of in to	the undersigned, holding a valid e State or Province of	Texas and a and a artford, CT article art of a a	the Natic employed <u>999</u> formed ex	by Hartford Steam by Hartford Steam have in to Feb. 200 caminations and taken co	Boiler I spected t	nsp. & Ins. Co he components , and s	described tate that
th em	signing this certificate neither e examinations and corrective mea ployer shall be liable in any man nnected with this inspection.	sures described in thi. ner for any personal in	s Owner's njury or	Report. Furthermore, property damage or a lo	neither	the Inspector	nor his 🛛 🛛
 	Inspector's Signatur	e com	missions	TEYAS 1050 National Board, Sta	te, Provi	nce, and Endor	sements
Da 	te//J&^//	\$ 01 fik1/171.	/				,
		(/					

1	Owner	TU Electric	~							Date	January 10, 2	001
1.	Owner _	(Name)	~							Date	Candary 10, 2	
		P.O. Box 1002, Glen Rose	e, TX 76043	1						Sheet	2 of	2
		(Address)								-		
2.	Plant _	Comanche Peak Steam Elect	tric Station (CPSES)							Unit	2	
	Far	rm Rd. 56, 5 miles North of	Glen Rose, Texas						TXU			
									Repair Organiza	ation P.O	. No., Job No.,	etc
з.	Work Pe	erformed by <u>TXU</u>										
			(Name)						Type Code Symbol S	Stamp	N/A	·····
		_P.O. BOX 1002,	GLEN ROSE, TX 76043						Authorization No.		N/A	
		(2	Address)									
									Expiration Date		N/A	
4.	Identif	fication of System Main St	eam		_				Reference 2MS-1			
		Item Number	F			Repaired,		· · · · · · · · · · · · · · · · · · ·				
i		• • • • • • • • • • • •		أفتحده	i i	D 1	1 20200 0-4-1		1			

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1							REPLACED STUDS & NUTS
VALVE							
2MS-0024	CROSBY N 59401-00-0013	N/A	1978	i REPLACEMENT	YES	4-99-125515-00	
ITEM: 2 PIPING							MACHINED FLANGE, CODE YEAR FOR PIPING 1974, S74
BRP-MS-2-SB-021 SHT 1 FLANGE 4	BROWN & ROOT N/A	N/A	 1992	 REPAIR	YES	4-99-125515-00	
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Jul 1/1/01

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L	fih 1/17/0	/				
Date 17 Janua	e ry, 7001 fh 1/17/6,					
Inspector's Signatur	Com e	missions	National Board, Stat	ce, Provi	nce, and Endor	sements
las o 71.	-		Taxing			
employer shall be liable in any man connected with this inspection.	ner for any personal in	njury or	property damage or a lo	oss of an	y kind arising	from or
By signing this certificate neither the examinations and corrective mea	_			-		
this Owner's Report in accordance w 	-					
to the best of my knowledge and bel	ief, the Owner has per	formed ex	aminations and taken co		the second second second second second second second second second second second second second second second s	
of in this Owner's Report during the p	artford, CT eriod July 194	19	to Feb. a		he components , and s	
the State or Province of	Texas and		by <u>Hartford Steam</u>	Boiler I	nsp. & Ins. Co	II
I, the undersigned, holding a valid	CERTIFICATE OF I			Precour	e Veggel Inena	ctors and
	······································		······································		·····]
Agner or	Owner's Designee, Title	e Ju	1/17/0/ Date	`	27	M 1.14-01
Signed RBMays ASMay	/Engineering Progra	Ma.				1.0
Certificate of Authorization No.	N/A		Expiration I	Date	N/A	
 Type Code Symbol Stamp			N/A	<u>.</u>		II
We certify that the statements conforms to the rules of the ASME C		L COLLECC			placement	
We certify that the statements	CERTIFICATION			REPI.A	CEMENT	

(Applicable Manufacturer)	s Data Reports to be a	ttached)				
). Remarks ASME III CLASS 1						
Pressure	psi		Test Te	emp.		•F
3. Tests Conducted: Hydrostatic	Pneumatic Nominal	ىمى Operatin		N/A	·	
		Ē				
2. Description of Work <u>See Attach</u>	ed					
		. <u> </u>				
(See pages 2 thru 2 attached)						
Name of Component	Serial Number	No.	Identification	Built	Replacement	(Yes or No)
	Manufacturer's Name and	Nat'l Board	Other	Year	Replaced,	ASME Code Stamped
				İ	Repaired,	
		·····		- <u>1</u>	ı .	·
 Identification of Components Repa 	ired or Replaced, and 1	Replaceme	ent Components			
 (a) Applicable Construction Code (b) Applicable Edition of Section 						
		Edition	CIMUER 32 Addand	Codo C	DR02 N 474 1	1404 1529
4. Identification of System <u>Reactor</u>	Coolant		Expiration Date Reference 2RC-1		N/A	
	Address)					· · · · · · · · · · · · · · · · · · ·
	(Name) GLEN ROSE, TX 76043		Type Code Symbol St Authorization No.			
3. Work Performed by TXU			Repair Organizat	10n P.U.	NO., JOD NO.,	etc
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU			
2. Plant <u>Comanche Peak Steam Elec</u>	tric Station (CPSES)			Unit	2	
P.O. Box 1002, Glen Ros (Address)				Sheet	of	2
(Name)						
1. OwnerTU Electri	C			Date	January 10, 2	001

1.	Owner		ic				Dat	e
	P.O.	(Name) Box 1002, Glen Ros (Address)					She	et of2
2.	Plant <u>Coman</u>		ctric Station (CPSES)				Uni	t2
	Farm Rd. 5	6, 5 miles North of	f Glen Rose, Texas				TXU	
з.	Work Performed	by TXU					Repair Organization	P.O. No., Job No., etc
		•	(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 Reactor	r Coolant				Reference 2RC-1	
 	Item	Number	1		Repaired,			
i	Name of	Component	Manufacturer's Name	Nat'l	Replaced,	ASME Code		

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.		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)
 		1 			 		

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

1	Owner TU_Electri	~			Date	January 10, 2	001
	(Name) P.O. Box 1002, Glen Rose				Sheet	1 of	2
	(Address)						
2.	Plant Comanche Peak Steam Elect	tric Station (CPSES)			Unit	2	
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organizat	tion P.O.	No., Job No.,	etc
3. 1	Work Performed by <u>TXU</u>	(11					
		(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No			
	(2	Address)		Expiration Date		N/A	
4.	Identification of System <u>Reactor</u>	Coolant		Reference 2RC-1			
5.	(a) Applicable Construction Code(b) Applicable Edition of Section	Sec III 19 71 XI Utilized for Repai	Edition, rs or Rep	<u>SUMMER 73</u> Addenda Dacements - 19 <u>86</u> ,	a, Code C Addenda,	ases <u>N-474-1</u> Code Cases <u>N/</u>	,1484,1528 A
6.	Identification of Components Repa	ired or Replaced, and 1	Replaceme	nt Components			
		Manufacturer's Name	Nat'l	<u>ann 10 - 1700 - 1800 - 1</u>		Repaired,	ASME Code
	Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (
 	Name of Component		NO.				
] (S L	ee pages 2 thru 2 attached)	 	 		- I	l J	
7.	Description of Work <u>See Attach</u>	ed					
8. '	Tests Conducted:						
	Hydrostatic	Pneumatic Nominal	Operatir	g Pressure Other	N/A		
	Pressure	psi		Test Te	emp		• •
9. :	Remarks ASME III CLASS 1						
	(Applicable Manufacturer)	s bata reports to be a					
r 		CERTIFICATIO	N OF COME	LIANCE			
	We certify that the statements nforms to the rules of the ASME C	_	e correct			CEMENT placement	
ii							l
TY: 	pe Code Symbol Stamp			N/A			
	rtificate of Authorization No	N/A	(h)	Expiration		N/A	
Si	gned RBMays BMay	/Engineering Progr Owner's Designee, Titl	ams Super	visor Date	- 19- 01		
) 		Swher's Designee, fich	<u> </u>	4 1/17/W		<u> </u>	1 1-14-01
		CERTIFICATE OF I	NSERVICE	INSPECTION			
	the undersigned, holding a valid e State or Province of	commission issued by Texas and	the Natio	nal Board of Boiler an by <u>Hartford Steam</u>	d Pressur	e Vessel Inspe	ctors and
∥ th ∥ of		artford, CT		have in	spected t	he components	described
in	this Owner's Report during the p the best of my knowledge and bel	eriod July 1				, and s	
t0 th	is Owner's Report in accordance w	ith the requirements o	f the ASM	ME Code, Section XI.	011000170		
th	signing this certificate neither e examinations and corrective mea	sures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his 🛛
	ployer shall be liable in any man nnected with this inspection.				USS OF AN	y king arising	
<u> </u>	for P. T	tan com	missions	Texas 1080 National Board, Sta	to Brassi	nce and Ender	
	Inspector & Signatur te Janu	۰ ۲۰		Texas 1080 National Board, Sta	le, Provi	nce, and Endor	
Da	teJAAG	Lil link					
<u> </u>		- m will	/		÷		

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1.	Owner <u>TU Electric</u> (Name)	DateJanuary 10	, 2001
	P.O. Box 1002, Glen Rose, TX 76043 (Address)	Sheet2 o)f
2.	PlantComanche Peak Steam Electric Station (CPSES)	Unit2	<u> </u>
	Farm Rd. 56, 5 miles North of Glen Rose, Texas	TXU Repair Organization P.O. No., Job N	
з.	Work Performed by TXU	Repair organización P.O. NO., ODD N	0., etc
	(Name)	- Type Code Symbol Stamp N/A	Ł
	P.O. BOX 1002, GLEN ROSE, TX 76043 (Address)	Authorization No. N/A	<u> </u>
		Expiration Date N/A	1
4.	Identification of System <u>Reactor Coolant</u>	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)
1 				 			

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

1. Owner TU Electr	ic			Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Ro	· · · · · · · · · · · · · · · · · · ·				1 of	
(Address) 2. Plant Comanche Peak Steam Ele)				2	
Farm Rd. 56, 5 miles North o			TXU			
······	<u> </u>		Repair Organiza	tion P.O.	No., Job No.,	etc
3. Work Performed by <u>TXU</u>	(Name)		Type Code Symbol S			
P.O. BOX 1002	, GLEN ROSE, TX 76043 (Address)		Authorization No			
. Identification of System <u>Reacto</u>	r Coolant		Expiration Date Reference2RC-1		N/A	·
(a) Applicable Construction Code(b) Applicable Edition of Sectio						A
5. Identification of Components Rep	aired or Replaced, and	Replaceme	ent Components			
	Manufacturer's Name				Repaired, Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped (Yes or No)
(See pages 2 thru 2 attached)		 			 	
. Description of Work See Attac	hed	<u> </u>				
. Tests Conducted: Hydrostatic	Pneumatic Nominal	X Operatin	g Pressure Other			
Pressure	NOP psi		Test T	emp.	NOT	°₽
. Remarks ASME III CLASS 1				•		
(Applicable Manufacturer	's Data Reports to be a	ttached)				
	CERTIFICATIO	N OF COMP	TITANCE		<u></u>	
We certify that the statement conforms to the rules of the ASME	s made in the report ar		and this		CEMENT placement	
Type Code Symbol Stamp			N/A		· · · · ·	
Certificate of Authorization No.	N/A		Expiration	Date	N/A	
signed FRMays Br May	/Engineering Progr	ams Super	Date	1-14-0	1	19
dwner/or	Owner's Designee, Titl	e J	h ilister		P	Bat-14-01
	CERTIFICATE OF I		INSPECTION			
I, the undersigned, holding a vali	d commission issued by	the Natio	nal Board of Boiler an			
the State or Province of of	Hartford, CT		by <u>Hartford Steam</u> have in		he components	
in this Owner's Report during the			to Feb 2	•		tate that
to the best of my knowledge and be this Owner's Report in accordance				orrective	measures desc	ribed in
By signing this certificate neithe the examinations and corrective me employer shall be liable in any ma connected with this inspection.	asures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his
hec. 7	fair com	missions	Texas loto			1
Inspector's Signatu	re		National Board, Sta	te, Provi	nce, and Endor	sements
DateJAA	vary , 2001					
	Jul 1/17/11					
	V					

1. Owner	TU Electric	Date January 10, 2001	·
	(Name)	Sheet 2 of	2
	P.O. Box 1002, Glen Rose, TX 76043 (Address)		<u> </u>
2. Plant	Comanche Peak Steam Electric Station (CPSES)	Unit2	
F	arm Rd. 56, 5 miles North of Glen Rose, Texas	TXU	
		Repair Organization P.O. No., Job No., et	.c
3. Work	Performed by <u>TXU</u> (Name)	Type Code Symbol Stamp N/A	
	P.O. BOX 1002, GLEN ROSE, TX 76043 (Address)	Authorization No. N/A	
		Expiration DateN/A	
4. Ident	ification of System <u>Reactor Coolant</u>	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 PUMP TCX-RCPCPC-04	WESTINGHOUSE 8-115E641G02	73	1992	REPLACEMENT	YES	3-99-328506-01	REPLACED CARTRIDGE SEAL ASSEMBLY

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

							
1. Owner TU Electric	2				Date	January 10, 2	001
(Name) P.O. Box 1002, Glen Rose	≥, TX 76043				Sheet _	of	2
(Address) 2. Plant <u>Comanche Peak Steam Elec</u> t	cric Station (CPSES)				Unit	2	
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU				
3. Work Performed by <u>TXU</u>						No., Job No.,	
	(Name) GLEN ROSE, TX 76043		Type Code Authorizat	-			
(;	Address)		Expiration	Date		N/A	
4. Identification of System <u>Reactor</u>	Coolant		Reference_	2RC-1			
(a) Applicable Construction Code(b) Applicable Edition of Section	Sec III 19 71 XI Utilized for Repai	Edition, rs or Rep	WINTER 72 Dacements - 19	Addenda 9 <u>86</u> , A	., Code C ddenda,	ases <u>N/A</u> Code Cases <u>N/</u>	A
6. Identification of Components Repar	ired or Replaced, and I	Replaceme	nt Components				
	Manufacturer's Name	 Nat'l				Repaired, Replaced,	ASME Code
Name of Component	and Serial Number	Board No.	Other Identifica	ation	Year Built	or Replacement	Stamped (Yes or No)
(See pages 2 thru 2 attached)			<u> </u>			 	
L	L				1		
7. Description of Work <u>See Attach</u>	ed						
8. Tests Conducted: Hydrostatic	Pneumatic Nominal	Operatin	g Pressure	C Other _	N/A		
Pressure	psi			Test Te	mp		۰F
9. Remarks ASME III CLASS 1							
(Applicable Manufacturer's	s Data Reports to be a	ttached)					
					•		
[41 - 12]
We certify that the statements conforms to the rules of the ASME Control				repa	REPLA	CEMENT placement	
Type Code Symbol Stamp			N/A				
 Certificate of Authorization No	N/A		Exp	piration L	ate	N/A	
signed R& Mays AS May	/Engineering Progr		visor Dat	e /	1-14-0	/,	19
owner or o	Owner's Designee, Titl	e	lih 1/12/01			1.S.P	1-14-01
	¥	/]
I, the undersigned, holding a valid	CERTIFICATE OF I commission issued by			Boiler and	l Pressur	e Vessel Inspe	ctors and
the State or Province of	Texas and artford, CT	employed	by <u>Hartfo</u>			nsp. & Ins. Co he components	
in this Owner's Report during the p	eriod July 199	9		eb 2001	-	, and s	tate that
to the best of my knowledge and bel. this Owner's Report in accordance w	ief, the Owner has per ith the requirements o	formed ex f the ASM	aminations and E Code, Sectio	d taken co on XI.	rrective	measures desc	ribed in
By signing this certificate neither the examinations and corrective mea. employer shall be liable in any man connected with this igspection.	sures described in thi	s Owner's	Report. Furt	thermore,	neither	the Inspector	nor his
he P. Har	Com	missions	Texas 10	80			II
Inspector's Signature	<u>م</u>		National Bo	oard, Stat	e, Provi	nce, and Endor	sements
Date 17 January	1, <u>301</u> , <u>117</u> ,	1					Ï

1.	Owner _	TU Electric					Date _	Janua	ry 10, 2	001
	<u> </u>	(Name) P.O. Box 1002, Glen Rose, TX 76043 (Address)					Sheet	2	of	2
2.	Plant _	Comanche Peak Steam Electric Station (CPSES)					Unit _		2	
	Far	m Rd. 56, 5 miles North of Glen Rose, Texas				TXU				
3.	Work Pe	erformed by TXU				Repair Organ	ization P.O	. No., i	Job No.,	etc
		(Name)				Type Code Symbo	l Stamp		N/A	
		P.O. BOX 1002, GLEN ROSE, TX 76043				Authorization N	Io.		N/A	
		(Address)								
						Expiration Date	<u> </u>		N/A	
4.	Identif	ication of System Reactor Coolant				Reference 2RC	2-1			
			 	 	· · · · · · · · · · · · · · · · · · ·					

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
			 	↓	+		



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

As	Required by the Provis	ions of A	SME Code Section XI		: . 	
Owner TU Electr	ic			Date	January 10, 20	001
(Name) P.O. Box 1002, Glen Ros				Sheet _	of	2
(Address) Plant <u>Comanche Peak Steam Ele</u>				Unit	2	
Farm Rd. 56, 5 miles North o	f Glen Rose, Texas		TXU Repair Organizat	tion P.O.	No Job No	etc
Work Performed by <u>TXU</u>	(Name)		Type Code Symbol St			
	(Address)		Authorization No			
Identification of System <u>Reacto</u>			Expiration Date Reference		N/A	
(a) Applicable Construction Code	Sec III 19 74	Edition,	SUMMER 75 Addend	a, Code Ca	ases <u>1528</u>	
(b) Applicable Edition of Section	n XI Utilized for Repai	rs or Rep	lacements - 19 <u>86</u> ,	Addenda, (Code Cases <u>N/1</u>	Ą
Identification of Components Rep.	aired or Replaced, and i	Replaceme	nt Components			
,	 Manufacturer's Name and	 Nat'l Board	Other	 Year	Repaired, Replaced, or	ASME Code Stamped
Name of Component	Serial Number	No.	Identification	Built	Replacement	. –
See pages 2 thru 2 attached)					 	
Tests Conducted:	Pneumatic Nominal	Operatin	g Pressure Other			
(Applicable Manufacturer	's Data Reports to be a	ttached)				
	CERTIFICATIO					<u> </u>
We certify that the statement onforms to the rules of the ASME		e correct		REPLA air or re	CEMENT placement	
ype Code Symbol Stamp			N/A			<u>_</u>
ertificate of Authorization No.	N/A		Expiration		N/A	
igned RBINAYS HBINAN	/Engineering Progr Owner's Designee, Titl	ams super	Date /-	14-01		19
	owner s besignee, fici	<u> </u>	+ 1/17/01		J-\$1	n /-/y- UI
, the undersigned, holding a vali he State or Province of	Texas and Hartford, CT period July 19 lief, the Owner has per	the Natio employed 999 formed ex	have in to	Boiler I spected t	nsp. & Ins. Co he components , and s	described tate that
y signing this certificate neithe he examinations and corrective me mployer shall be liable in any ma onnected with this inspection.	asures described in thi	s Owner's	Report. Furthermore,	neither	the Inspector	nor his
Inspector's Signatu ate 17 Sano	соп re соп ге	missions	<u>Texos logu</u> National Board, Sta	te, Provi	nce, and Endor	sements
	Jub 1/17]	p/	<u></u>			
	U					

1.	. OwnerTU Electric	2						Date <u>January 10, 2001</u>
	(Name) P.O. Box 1002, Glen Rose (Address)	e, TX 76043						Sheet of
2	. Plant <u>Comanche Peak Steam Elect</u>	tric Station (CPSES)						Unit2
	Farm Rd. 56, 5 miles North of	Glen Rose, Texas						TXU
3	. Work Performed by <u>TXU</u>	· · · · · · · · · · · · · · · · · · ·						Repair Organization P.O. No., Job No., etc
		(Name)						Type Code Symbol Stamp N/A
		GLEN ROSE, TX 76043						Authorization No. N/A
4	() . Identification of System <u>Reactor</u>	Address) Coolant		_				Expiration DateN/A Reference2RC-1
ſ	Item Number Name of Component	Manufacturer's Name	 Nat'l	 	Repaired, Replaced,	ASME Code	 	
1	Component Identification	and	Board	 Year	or	Stamped	Authorizing	
	Other Identification	Serial Number	No.	Built	Replacement	(Yes or No)		Description of Work
	ITEM: 1 PRESSURIZER		 	 				REPLACED NUT ON PRESSURIZER MANWAY COVER
	TCX-RCPCPR-01	WESTINGHOUSE PBPT-2551	W19302	 1979 	REPLACEMENT	 Yes	4-99-127848-00	

Jul 117/01

FORM NIS-2	OWNER'S	REPORT O	F REPAIR	OR REPLACEMENT
As Required h	by the P	rovisions	of ASME	Code Section XI

1. Owner TU Electri	c			Date	January 10, 2	001
(Name)	· · · · · · · · · · · · · · · · · · ·					
P.O. Box 1002, Glen Ros (Address)	e, TX 76043			Sheet _	of	2
2. Plant <u>Comanche Peak Steam Elec</u>	tric Station (CPSES)			Unit	2	
Farm Rd. 56, 5 miles North of	Glen Rose, Texas		TXU Repair Organizat	ion P O	No. Joh No.	etc
3. Work Performed by TXU			Repair Organizat	1011 F.O.	NO., BOD NO.,	600
	(Name) GLEN ROSE, TX 76043		Type Code Symbol St Authorization No			
	Address)		Reminantian Data		N/3	
4. Identification of System <u>Safety</u>	Injection		Expiration Date Reference2SI-4		N/R	
 (a) Applicable Construction Code (b) Applicable Edition of Section 						
 Identification of Components Repa 	ired or Replaced, and I	Replaceme	ent Components			
	· · · · · · · · · · · · · · · · · · ·			T	Repaired,	· · · · · · · · · · · · · · · · · · ·
	Manufacturer's Name	Nat'l			Replaced,	ASME Code
	and	Board	Other Identification	Year	or Replacement	Stamped
Name of Component	Serial Number	No.		+		
(See pages 2 thru 2 attached)	 	 				
7. Description of Work <u>See Attach</u>	ed					
3. Tests Conducted: Hydrostatic	Pneumatic Nominal	Operatir	ng Pressure Other _	N/A		
		-	-			
Pressure	psi		Test Te	mp	,	
9. Remarks <u>ASME III CLASS 1</u>						
(Applicable Manufacturer'	s Data Reports to be a	ttached)				
						<u></u> j
We certify that the statements	CERTIFICATIO			REPLA	CEMENT	
conforms to the rules of the ASME C		e correct			placement	
Type Code Symbol Stamp			N/A			
Certificate of Authorization No.	N/A		Expiration D	ate	N/A	1
		Ma				
signed RBMays 4811/04	/Engineering Progr Owner's Designee, Titl	ams Super	Date	79-01		
	Owner's Designee, IILI	<u> </u>	L 1117/01		271	1-14:02
		NORDUITOR	THORSONICON			
I, the undersigned, holding a valid	CERTIFICATE OF I commission issued by			Pressur	e Vessel Inspe	ctors and
the State or Province of	Texas and	employed	by <u>Hartford Steam</u>	Boiler I	nsp. & Ins. Co	<u>. </u>
of H in this Owner's Report during the p	artford, CT eriod July 1	994	to have ins		he components , and s	
to the best of my knowledge and bel this Owner's Report in accordance w	ief, the Owner has per	formed en	xaminations and taken co			
						, II
By signing this certificate neither the examinations and corrective mea employer shall be liable in any man	sures described in thi	s Owner's	s Report. Furthermore,	neither	the Inspector	nor his 🛛 📗
connected with this inspection.						II II
be C. Hai		missions	Texas 1080			
Inspector's Signatur			National Board, Stat	e, Provi	nce, and Endor	sements
Date 17 Januar	4 . 300/ Jul 1/17/19/					
	1 sh 1/17/01					

(Name) P.O. Box 1002, Glen Rose, TX 76043 (Address) 2. Plant <u>Comanche Peak Steam Electric Station (CPSES)</u> <u>Farm Rd. 56, 5 miles North of Glen Rose, Texas</u> <u>Farm Rd. 56, 5 miles North of Glen Rose, Texas</u> <u>Intermediation P.O. No., J</u> 3. Work Performed by <u>TXU</u> (Name) <u>P.O. BOX 1002, GLEN ROSE, TX 76043</u> (Address) <u>P.O. BOX 1002, GLEN ROSE, TX 76043</u> (Address) <u>Expiration Date</u> Reference <u>2S1-4</u>	.0, 2001
2. Plant <u>Comanche Peak Steam Electric Station (CPSES)</u> <u>Farm Rd. 56, 5 miles North of Glen Rose, Texas</u> 3. Work Performed by <u>TXU</u> (Name) <u>P.O. BOX 1002, GLEN ROSE, TX 76043</u> (Address) <u>Expiration Date</u>	of <u>2</u>
3. Work Performed by <u>TXU</u> (Name) P.O. BOX 1002, GLEN ROSE, TX 76043 (Address) Repair Organization P.O. No., J Repair Organization P.O. No. No., J Repair Orga	<u> </u>
3. Work Performed by	
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No	No., etc
(Address) Expiration Date	'A
Expiration Date	'A
4. Identification of System <u>Safety Injection</u> Reference <u>2SI-4</u>	A
Item Number	
Name of Component Manufacturer's Name Nat'l Replaced, ASME Code	

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 VALVE 2-8818D	WESTINGHOUSE See Remarks	W12002_	1977	REPLACEMENT	YES	4-99-125202-00	REPLACED DISC; MANUFACTURER S/N of value: 060000CS8800000000S740181
		 	1 	 		 	
		 	 	 	 		

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1.	Owner TU Electri	c			Date	January 10, 2	001
	(Name) P.O. Box 1002, Glen Ros	e, TX 76043			Sheet _	of	2
2.	(Address) Plant Comanche Peak Steam Elec					2	
	Farm Rd. 56, 5 miles North of			TXU			
3.	Work Performed by TXU			Repair Organiza	tion P.O.	No., Job No.,	etc
		(Name) GLEN ROSE, TX 76043		Type Code Symbol S Authorization No			
		Address)		Expiration Date		N/A	
4.	Identification of System <u>Ventila</u>			Reference 2VA-1		<u>_</u>	
5.	(a) Applicable Construction Code(b) Applicable Edition of Section						
6.	Identification of Components Repa	ired or Replaced, and	Replaceme	ent Components			
r 		Manufacturer's Name	Nat'l			Repaired, Replaced,	ASME Code
İ	Name of Component	and Serial Number	Board No.	Other Identification	Year Built	or Replacement	Stamped {Yes or No}
; (See pages 2 thru 2 attached)	, 					<u>↓ </u>
Ĺ		I	1	<u> </u>	<u>, </u>	ł	لہ ا . [.]
7.	Description of Work <u>See Attach</u>	ed					
8.	Tests Conducted:				_		
	Hydrostatic		Operatin	ng Pressure Other			
	Pressure	psi		Test T	emp		°F
9.	Remarks <u>ASME III CLASS 2</u> (Applicable Manufacturer'	s Data Reports to be a	ttached)				
					<u></u>		
	We certify that the statements	CERTIFICATIO			PEDI.A	CEMENT	
c	onforms to the rules of the ASME C		e correct	rep		placement	II
Т	ype Code Symbol Stamp			N/A	·····	·	II
 C	ertificate of Authorization No.	N/A		Expiration	Date	N/A	II
∥ ∥ s	igned FBMays RSI aup	/Engineering Progr	ams super	Date	1-14-8		
 	/ Ownger or	Owner's Designee, Titl	e	4 1/17/11		<u> 28</u> A	1.14-01
[CERTIFICATE OF I		INCRETION			···· · · · · · · · · ·]
	, the undersigned, holding a valid	commission issued by	the Natio	onal Board of Boiler an	d Pressur	e Vessel Inspe	ctors and
	he State or Province of fH	Texas and artford, CT	employed	by <u>Hartford Steam</u> have in		nsp. & Ins. Co he components	
	n this Owner's Report during the p	eriod July 199				, and s	
t t	o the best of my knowledge and bel his Owner's Report in accordance w	ief, the Owner has per th the requirements o	formed ex f the ASM	kaminations and taken c ME Code, Section XI.	orrective	measures desc	ribed in
t	y signing this certificate neither he examinations and corrective mea mployer shall be liable in any man	sures described in thi	s Owner's	s Report. Furthermore,	neither	the Inspector	nor his 🛛 📗
	onnected with this inspection.						
_ 	Inspector's Signatur	Com	missions	Texas 1080 National Board, Sta	te, Provi	nce, and Endor	sements
 ∥ ⊅	//	y , 20 01					
 		Jul ilister					
		0					

. Owner	TU Electr	ic					Date January 10, 2001
	(Name)						
	P.O. Box 1002, Glen Ro	se, TX 76043					Sheet of
	(Address)					
. Plant	Comanche Peak Steam Ele	ctric Station (CPSES)					Unit2
_		6 0 1 0 0 0 0 0 0 0 0 0 0				77177	
Fa	rm Rd. 56, 5 miles North o	t Glen Rose, Texas				TXU	i D.O. No. Job No. otra
Morels D	externed by TVI			,		Repair Organizat	ion P.O. No., Job No., etc
3. Work P	erformed by <u>TXU</u>	(Name)				Type Code Symbol St.	amp N/A
	P.O. BOX 1002	, GLEN ROSE, TX 76043				Authorization No.	N/A
		(Address)					· · · · · · · · · · · · · · · · · · ·
						Expiration Date	N/A
. Identi	fication of System Ventil	ation				Reference 2VA-1	
r		1		<u> </u>		I	
ļ	Item Number			Repaired,	ASME Code		
	Name of Component	Manufacturer's Name	Natil	Replaced			

Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.		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 RIPLACEMENT 501]IV[CI	YES	FDA 2000-2847 3-98-339072-01	REMOVED METAL TO INSTALL HELICOILS, BOLTING IS NOT PRESSURE BOUNDARY
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