

1RF07
INSERVICE INSPECTION SUMMARY REPORT
FIRST INTERVAL, THIRD PERIOD, SECOND OUTAGE

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

Comanche Peak Steam Electric Station
Glen Rose, Texas 76043

Unit 1

Commercial Operating Date
August 13, 1990

Prepared by: J. DeBonis 1/20/00

Reviewed by: R. B. Mays R. B. Mays 1-20-00

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IRF07
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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 seventh refueling outage at the Comanche Peak Steam Electric Station (CPSES) Unit 1. This report documents compliance with 10CFR50.55(a) 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 1 ISI Program Plan, Rev. 6 (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 (issued in conjunction with the sixth refueling outage) are contained in Appendix D. The period of time covered is from August 1998 to December 1999.

1.3 OUTAGE, PERIOD AND INTERVAL START AND END DATES

This refueling outage was the second outage in the third Inspection Period of the first Inservice Inspection Interval. The ISI examinations for this outage were performed between September 15, 1999 and October 29, 1999. The Inspection Period began in January, 1997 and will end coincident with the completion of the first Inspection Interval. The Inservice Inspection Interval began on August 13, 1990 and is scheduled to end on or about August 13, 2000.

1.4 AUTHORIZED NUCLEAR INSERVICE INSPECTOR

Tests, examinations, repairs and/or replacements were witnessed or verified by Mr. Joe C. Hair, Authorized Nuclear Inservice Inspector 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

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

b. Surface Examinations

7 Liquid penetrant examinations and 3 magnetic particle examinations were completed. There were no unacceptable indications identified.

c. Visual Examinations

25 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:

1-AF-1-3-1	1-AF-1-3-2	1-AF-1-3-3	1-AF-1-3-4	1-AF-1-3-5
1-CC-1-3-1	1-CC-1-3-2	1-CC-1-3-3	1-CH-1-3-1	1-CS-1-3-1
1-CS-1-3-4	1-CT-1-3-1	1-CT-1-3-2	1-CT-1-3-3	1-DD-1-3-1
1-DO-1-3-1	1-FW-1-3-1	1-FW-1-3-2	1-MS-1-3-1	1-MS-1-3-2
1-RC-1-3-2	1-SF-1-3-1	1-SI-1-3-2	1-SW-1-3-1	1-SW-1-3-2

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

2.3 EDDY CURRENT

Tested Scope:

Steam Generator	Bobbin Scope	RPC TTS Scope	RPC Exp. Baffle Scope	RPC Row 1 & 2 Ubend Scope	# of Tubes Plugged
1	100%	100%	20%	100%	8
2	100%	100%	20%	100%	20
3	100%	100%	20%	100%	35
4	100%	100%	20%	100%	57

Appendix A

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

(As required by the Provisions of the ASME Code Rules)

1. Owner TXU Electric P.O. Box 1002, Glen Rose, Texas 76043
(Name and Address of Owner)

2. Plant Comanche Peak Steam Electric Station, Glen Rose, Texas
(Name and Address of Plant)

3. Plant Unit No. 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 8/13/1990 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. (Component Tag No.)	National Board No.
Reactor Vessel	Combustion Engr., Inc.	10773	TBX-RCPCRV-01	22187
RC Pump 2	West. Electro-Mech. Div.	2-115E641G01	TBX-RCPCPC-02	W-26284
12" Valve	Westinghouse Elec. Corp.	12000GM88SEH01005S740008	RH-1-RB-001, 1-8701A	W14546
6" Valve	Westinghouse Elec. Corp.	06000CS8800000000S740165	SI-1-RB-016, 1-8949B	W11878
10" Valve	Westinghouse Elec. Corp.	10000CS8800000000S740073	SI-1-RB-060, 1-8956C	W12300
FW Piping System	Brown & Root Inc.	N-5 S/N FW-1-1650	N/A	N/A
MS Piping System	Brown & Root Inc.	N-5 S/N MS-1-1648	N/A	N/A
RC Piping System	Brown & Root Inc.	N-5 S/N RC-1-1645	N/A	N/A
RH Piping System	Brown & Root Inc.	N-5 S/N RH-1-1632	N/A	N/A
SI Piping System	Brown & Root Inc.	N-5 S/N SI-1-1644	N/A	N/A
AF Piping System	Brown & Root Inc.	N-5 S/N AF-1-1616	N/A	N/A
CC Piping System	Brown & Root Inc.	N-5 S/N CC-1-1649	N/A	N/A
SW Piping System	Brown & Root Inc.	N-5 S/N SW-1-1634	N/A	N/A
			State or Province No. is not applicable to CPSES,	
			this column is used for component tag number.	

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

This form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-1 (Back)

8. Examination Dates 9/15/99 to 10/29/99

9. Inspection Period Identification: January, 1997 to August, 2000

10. Inspection Interval Identification: August, 1990 to August, 2000

11. Applicable Edition of Section XI 1986 Addenda None

12. Date/Revision of Inspection Plan: August 20, 1999 / Revision 6

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 1 Inservice Inspection Summary Report for the first interval, third period, second outage. All required examinations have been completed.

14. Abstract of Results of Examinations and Tests.
 Reference CPSES Unit 1 Inservice Inspection Summary Report for the first interval, third period, second outage.

15. Abstract of Corrective Measures.
 Reference CPSES Unit 1 Inservice Inspection Summary Report for the first interval, third period, second 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 1-20-00 Signed TXU Electric 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 Inspectores and the State or provinces of Texas and employed by The Hartford Steam Boiler Inspection and Insurance Co. of Hartford, CT

August, 1998 to December, 1999 have inspected the components described in this Owner's Report during the peroid August, 1998 to December, 1999, 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 and 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 of any kind arising from or connected with this inspection.

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

Date 21 January 2000

Appendix B

ATTACHMENT 1

Inservice Inspection Report
First Interval / Third Period / Second Outage

1. Owner: TXU Electric P.O. Box 1002, Glen Rose, Texas 76043
 2. Plant: Comanche Peak Steam Electric Station, Glen Rose, Texas
 3. Plant Unit: No. 1

4. Owner Certificate of Authorization (if Req.) N/A
 5. Commercial Service Date: 8/13/1990
 6. National Board Number for Unit: N/A

Class 1 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
TBX-1-1100-1	RV FLANGE TO SHELL WELD <u>Comments:</u> Examined 360 degrees. 4% not examined. Ref. Code Case N-460.	000100	B-A	B1.30	TX-ISI-54	UT-99-206 NI
TBX-1-1100-10	RV INTERMEDIATE SHELL LONGITUDINAL WELD	001000	B-A	B1.30	TX-ISI-254	UT-99-208 NI
TBX-1-1100-11	RV INTERMEDIATE SHELL LONGITUDINAL WELD <u>Comments:</u> RI acceptable. Ref. TXU LIII evaluation on indication assessment sheet.	001100	B-A	B1.12	TX-ISI-254	UT-99-209 NI
TBX-1-1100-12	RV LOWER SHELL LONGITUDINAL WELD	001200	B-A	B1.12	TX-ISI-254	UT-99-210 RI
TBX-1-1100-13	RV LOWER SHELL LONGITUDINAL WELD	001300	B-A	B1.12	TX-ISI-254	UT-99-211 NI
TBX-1-1100-14	RV LOWER SHELL LONGITUDINAL WELD	001400	B-A	B1.12	TX-ISI-254	UT-99-212 NI
TBX-1-1100-15	RV BOTTOM HEAD MERIDIONAL WELD <u>Comments:</u> 2% not examined. Ref. Code Case N-460. RI acceptable. Ref. TXU LIII eval on indication assessment sht.	001500	B-A	B1.22	TX-ISI-254	UT-99-214 RI
TBX-1-1100-16	RV BOTTOM HEAD MERIDIONAL WELD	001600	B-A	B1.22	TX-ISI-254	UT-99-215 NI
TBX-1-1100-17	RV BOTTOM HEAD MERIDIONAL WELD <u>Comments:</u> 2% not examined. Ref. Code Case N-460.	001700	B-A	B1.22	TX-ISI-254	UT-99-216 NI
TBX-1-1100-18	RV BOTTOM HEAD MERIDIONAL WELD	001800	B-A	B1.22	TX-ISI-254	UT-99-217 NI
TBX-1-1100-2	RV UPPER TO INTERMEDIATE SHELL WELD	000200	B-A	B1.11	TX-ISI-254	UT-99-218 NI
TBX-1-1100-3	RV INTERMEDIATE TO LOWER SHELL WELD <u>Comments:</u> RI acceptable. Ref. TXU LIII evaluation on indication assessment sheet.	000300	B-A	B1.11	TX-ISI-254	UT-99-219 RI

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 3. Plant Unit: No. 1

4. Owner Certificate of Authorization (If Req.) N/A
 5. Commercial Service Date: 8/13/1990
 6. National Board Number for Unit: N/A

Class 1 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
TBX-1-1100-4	RV LOWER SHELL TO BOTTOM HEAD WELD <u>Comments:</u> 28% not examined. Ref. RR B-15.	RI acceptable. Ref. TXU LIII evaluation on indication assessment sheet. 000400				
TBX-1-1100-5	RV LOWER HEAD CIRCUMFERENTIAL WELD <u>Comments:</u> 25% not examined. Ref. RR B-16.	000500	B-A	B1.11	TX-ISI-254	UT-99-220 RI
TBX-1-1100-6	RV UPPER SHELL LONGITUDINAL WELD <u>Comments:</u> 9% not examined. Ref. Code Case N-460.	000600	B-A	B1.21	TX-ISI-254	UT-99-221 NI
TBX-1-1100-7	RV UPPER SHELL LONGITUDINAL WELD <u>Comments:</u> 8% not examined. Ref. Code Case N-460. RI acceptable. Ref. TXU LIII eval on indication assessment sht.	000700	B-A	B1.12	TX-ISI-254	UT-99-222 NI
TBX-1-1100-8	RV UPPER SHELL LONGITUDINAL WELD	000800	B-A	B1.12	TX-ISI-254	UT-99-223 RI
TBX-1-1100-9	RV INTERMEDIATE SHELL LONGITUDINAL WELD	000900	B-A	B1.12	TX-ISI-254	UT-99-224 NI
TBX-1-1100-LIG	RV FLANGE LIGAMENTS (1/54) <u>Comments:</u> Examined RV flange ligaments 12 through 30.	002700	B-A	B1.12	TX-ISI-254	UT-99-225 NI
TBX-1-1100-LUGS	CORE SUPPORT LUGS	001850	B-G-1	B6.40	TX-ISI-55	UT-99-258 NI
TBX-1-1100A-19	RV OUTLET NOZZLE TO VESSEL WELD (LOOP 4) <u>Comments:</u> 53% not examined in tangential direction. Ref. RR B-17.	001900	B-N-2	B13.60	TX-ISI-88	VT-99-216 NI
TBX-1-1100A-19IR	RV OUTLET NOZZLE INNER RADIUS (LOOP 4) <u>Comments:</u> 5% not examined. Ref. Code Case N-460.	001910	B-D	B3.90	TX-ISI-254	UT-99-226 NI
TBX-1-1100A-20	RV INLET NOZZLE TO VESSEL WELD (LOOP 4) <u>Comments:</u> 10% not examined in tangential direction. Ref. RR B-17.	002000	B-D	B3.100	TX-ISI-254	UT-99-227 NI
TBX-1-1100A-20IR	RV INLET NOZZLE INNER RADIUS (LOOP 4)	002010	B-D	B3.90	TX-ISI-254	UT-99-228 NI
			B-D	B3.100	TX-ISI-254	UT-99-229 NI

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 2. Plant: Comanche Peak Steam Electric Station, Glen Rose, Texas
 3. Plant Unit: No. 1

4. Owner Certificate of Authorization (If Req.) N/A
 5. Commercial Service Date: 8/13/1990
 6. National Board Number for Unit: N/A

Class 1 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
TBX-1-1100A-21	RV INLET NOZZLE TO VESSEL WELD (LOOP 3) <u>Comments:</u> 10% not examined in tangential direction. Ref. RR B-17.	002100				
TBX-1-1100A-21IR	RV INLET NOZZLE INNER RADIUS (LOOP 3) 002110		B-D	B3.90	TX-ISI-254	UT-99-230 NI
TBX-1-1100A-22	RV OUTLET NOZZLE TO VESSEL WELD (LOOP 3) <u>Comments:</u> 53% not examined in tangential direction. Ref. RR B-17.	002200				
TBX-1-1100A-22IR	RV OUTLET NOZZLE INNER RADIUS (LOOP 3) <u>Comments:</u> 5% not examined. Ref. Code Case N-460.	002210				
TBX-1-1100A-23	RV OUTLET NOZZLE TO VESSEL WELD (LOOP 2) <u>Comments:</u> 53% not examined in tangential direction. Ref. RR B-17.	002300				
TBX-1-1100A-23IR	RV OUTLET NOZZLE INNER RADIUS (LOOP 2) <u>Comments:</u> 5% not examined. Ref. Code Case N-460.	002310				
TBX-1-1100A-24	RV INLET NOZZLE TO VESSEL WELD (LOOP 2) <u>Comments:</u> 10% not examined in tangential direction. Ref. RR B-17.	002400				
TBX-1-1100A-24IR	RV INLET NOZZLE INNER RADIUS (LOOP 2) 002410		B-D	B3.90	TX-ISI-254	UT-99-236 NI
TBX-1-1100A-25	RV INLET NOZZLE TO VESSEL WELD (LOOP 1) <u>Comments:</u> 10% not examined in tangential direction. Ref. RR B-17.	002500				
TBX-1-1100A-25IR	RV INLET NOZZLE INNER RADIUS (LOOP 1) 002510		B-D	B3.90	TX-ISI-254	UT-99-238 NI
TBX-1-1100A-26	RV OUTLET NOZZLE TO VESSEL WELD (LOOP 1) <u>Comments:</u> 53% not examined in tangential direction. Ref. RR B-17.	002600				
TBX-1-1100A-26IR	RV OUTLET NOZZLE INNER RADIUS (LOOP 1) <u>Comments:</u> 5% not examined. Ref. Code Case N-460.	002610				
			B-D	B3.100	TX-ISI-254	UT-99-237 NI
			B-D	B3.100	TX-ISI-254	UT-99-239 NI
			B-D	B3.90	TX-ISI-254	UT-99-240 NI
			B-D	B3.100	TX-ISI-254	UT-99-241 NI

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 3. Plant Unit: No. 1

4. Owner Certificate of Authorization (If Req.) N/A
 5. Commercial Service Date: 8/13/1990
 6. National Board Number for Unit: N/A

Class 1 Components

Component ID	Component Description	Summary No.	Category	Item	Procedure	Method / Sheet / Results
TBX-1-1200-CSS	RV INT CORE SUP STRUCT (NO ACCESS @ RFO)	002805				
TBX-1-1200-INT	RV INTERNALS (ACCESS DURING REFUELING)		B-N-3	B13.70	TX-ISI-88	VT-99-217 NI
TBX-1-4100-1	RPV NOZZLE TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	012200	B-N-1	B13.10	TX-ISI-88	VT-99-218 NI
TBX-1-4100-13	ELBOW TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	013400	B-F	B5.10	TX-ISI-254	UT-99-242 NI
TBX-1-4100-14	SAFE END TO RV NOZZLE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	013500	B-J	B9.11	TX-ISI-254	UT-99-243 NI
TBX-1-4100-2	SAFE END TO PIPE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	012300	B-F	B5.10	TX-ISI-254	UT-99-244 NI
TBX-1-4200-1	RPV NOZZLE TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	029200	B-J	B9.11	TX-ISI-254	UT-99-245 NI
TBX-1-4200-13	ELBOW TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	030400	B-F	B5.10	TX-ISI-254	UT-99-246 NI
TBX-1-4200-14	SAFE END TO RPV NOZZLE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	030500	B-J	B9.11	TX-ISI-254	UT-99-247 NI
TBX-1-4200-2	SAFE END TO PIPE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	029300	B-F	B5.10	TX-ISI-254	UT-99-248 NI
TBX-1-4300-1	RPV NOZZLE TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	043600	B-J	B9.11	TX-ISI-254	UT-99-249 NI
TBX-1-4300-13	ELBOW TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	044800	B-F	B5.10	TX-ISI-254	UT-99-250 NI
			B-J	B9.11	TX-ISI-254	UT-99-251 NI

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Class 1 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
TBX-1-4300-14	SAFE END TO RPV NOZZLE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	044900				
TBX-1-4300-2	SAFE END TO PIPE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	043700	B-F	B5.10	TX-ISI-254	UT-99-252 NI
TBX-1-4301-8956C-BLT	VALVE BODY BOLTING	047200	B-J	B9.11	TX-ISI-254	UT-99-253 NI
TBX-1-4400-1	RPV NOZZLE TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	063200	B-G-2	B7.70	TX-ISI-8	VT-99-201 NI
TBX-1-4400-13	ELBOW TO SAFE END <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	064400	B-F	B5.10	TX-ISI-254	UT-99-254 NI
TBX-1-4400-14	SAFE END TO RPV NOZZLE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	064500	B-J	B9.11	TX-ISI-254	UT-99-255 NI
TBX-1-4400-2	SAFE END TO PIPE <u>Comments:</u> UT demonstrated as an acceptable alternative to PT in accordance with IWA-2240.	063300	B-F	B5.10	TX-ISI-254	UT-99-256 NI
TBX-1-4503-18	PIPE TO VALVE	090200	B-J	B9.11	TX-ISI-254	UT-99-257 NI
TBX-1-4503-19	VALVE TO PIPE	090300	B-J	B9.11	TX-ISI-11	PT-99-200 NI
			B-J	B9.11	TX-ISI-214	UT-99-200 NI
			B-J	B9.11	TX-ISI-214	UT-99-202 NI
BX-1-5100A-2FB1-24	RC PUMP 2 MAIN FLANGE STUDS (2-B1/2-B24)	100000	B-J	B9.11	TX-ISI-11	PT-99-200 NI
			B-J	B9.11	TX-ISI-214	UT-99-200 NI
			B-J	B9.11	TX-ISI-214	UT-99-202 NI
IX-1-5100A-2FN1-24	RCPUMP2 MAIN FLANGE BOLTING (2-B1/2-B24)	100400	B-G-1	B6.180	TX-ISI-115	UT-99-203 NI
			B-G-1	B6.180	TX-ISI-115	UT-99-204 NI

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Class 1 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
TBX-1-5100A-2SB1-12	RCPUMP 2 #1SEAL BOLTING (2-B1/2-B12)	099600	B-G-1	B6.200	TX-ISI-8	VT-99-202 NI
TBX-1-5100C-2-1	RC PUMP 2 CASING WELD	100800	B-G-2	B7.60	TX-ISI-8	VT-99-202 NI
	<u>Comments:</u> VT performed as an acceptable alternative to UT in accordance with Code Case N-481.					
			B-L-1	B12.10	TX-ISI-8	VT-99-215 NI

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 6. National Board Number for Unit: N/A

Class 2 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Results</u>
TBX-2-2200-H1	MS-1-002-004-C72K	747000	F-C	NOTE	TX-ISI-8	VT-99-204 NI
TBX-2-2200-H9	MS-1-002-008-C72K	747050	C-C	C3.20	TX-ISI-70	MT-99-200 NI
TBX-2-2201-H4	FW-1-018-702-C52K	747450	C-C	C3.20	TX-ISI-70	MT-99-201 NI
TBX-2-2501-20	REDUCER TO PIPE	722950	C-C	C3.20	TX-ISI-70	MT-99-202 NI
TBX-2-2501-21	PIPE TO TEE	180500	C-F-1	C5.11	TX-ISI-11	PT-99-201 NI
			C-F-1	C5.11	TX-ISI-214	UT-99-205 NI
TBX-2-2501-22	TEE TO PIPE	180600	C-F-1	C5.11	TX-ISI-11	PT-99-201 NI
			C-F-1	C5.11	TX-ISI-214	UT-99-205 NI
TBX-2-2501-24	PIPE TO TEE	180700	C-F-1	C5.11	TX-ISI-11	PT-99-201 NI
			C-F-1	C5.11	TX-ISI-214	UT-99-205 NI
TBX-2-2580-H30	SI-1-901-701-Y32R	180900	C-F-1	C5.11	TX-ISI-11	PT-99-201 NI
			C-F-1	C5.11	TX-ISI-214	UT-99-205 NI
		793400	F-C	NOTE	TX-ISI-8	VT-99-205 NI
		793450	C-C	C3.40	TX-ISI-11	PT-99-202 NI

ATTACHMENT 1

Inservice Inspection Report
 First Interval / Third Period / Second Outage

1. Owner: TXU Electric P.O. Box 1002, Glen Rose, Texas 76043
 2. Plant: Comanche Peak Steam Electric Station, Glen Rose, Texas
 3. Plant Unit: No. 1

4. Owner Certificate of Authorization (If Req.) N/A
 5. Commercial Service Date: 8/13/1990
 6. National Board Number for Unit: N/A

Class 3 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Result</u>
AF-1-SB-005-H1	AF-1-084-001-S33A	831200	F-B	NOTE	TX-ISI-8	VT-99-206
AF-1-SB-005-H1-WA	AF-1-084-001-S33A	831250	D-A	D1.20	TX-ISI-8	VT-99-206
AF-1-SB-023-H1	AF-1-102-002-S43R	853100	F-C	NOTE	TX-ISI-8	VT-99-207
AF-1-SB-023-H1-WA	AF-1-102-002-S43R	853150	D-A	D1.20	TX-ISI-8	VT-99-207
AF-1-SB-024A-H1-WA	AF-1-096-049-S53R	835450	D-A	D1.20	TX-ISI-8	VT-99-208
AF-1-SB-024B-H1-WA	AF-1-096-052-S63R	835650	D-A	D1.20	TX-ISI-8	VT-99-209
CC-1-AB-045-H4	CC-1-949-704-A73R	919600	F-C	NOTE	TX-ISI-8	VT-99-210
CC-1-AB-045-H4-WA	CC-1-949-704-A73R	919650	D-A	D1.20	TX-ISI-8	VT-99-210
CC-1-RB-048-H1	CC-1-246-019-C53R	918100	F-B	NOTE	TX-ISI-8	VT-99-211
CC-1-RB-048-H1-WA	CC-1-246-019-C53R	918150	D-A	D1.20	TX-ISI-8	VT-99-211
CC-1-SB-006-H1	CC-1-057-019-S33R	892400	F-C	NOTE	TX-ISI-8	VT-99-212
CC-1-SB-006-H1-WA	CC-1-057-019-S33R	892450	D-A	D1.20	TX-ISI-8	VT-99-212
SW-1-SB-007-H1	SW-1-101-002-S33R					

Inservice Inspection Report
 First Interval / Third Period / Second Outage

1. Owner: TXU Electric P.O. Box 1002, Glen Rose, Texas 76043
 2. Plant: Comanche Peak Steam Electric Station, Glen Rose, Texas
 3. Plant Unit: No. 1

4. Owner Certificate of Authorization (If Req.) N/A
 5. Commercial Service Date: 8/13/1990
 6. National Board Number for Unit: N/A

Class 3 Components

<u>Component ID</u>	<u>Component Description</u>	<u>Summary No.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method / Sheet / Result</u>
		934800	F-B	NOTE	TX-ISI-8	VT-99-213 NI
SW-1-SB-007-H1-WA	SW-1-101-002-S33R					
		934850	D-A	D1.20	TX-ISI-8	VT-99-213 NI
SW-1-SB-009-H1	SW-1-100-750-S33R					
		934700	F-B	NOTE	TX-ISI-8	VT-99-214 NI
SW-1-SB-009-H1-WA	SW-1-100-750-S33R					
		934750	D-A	D1.20	TX-ISI-8	VT-99-214 NI

Appendix C

**CPSES UNIT 1
RELIEF REQUEST
B-15**

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

TBX-1-1100-4 Reactor Vessel Shell to Bottom Head Circumferential Weld

B. Item(s) Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the weld lengths as described in Table IWB-2500-1, Examination Category B-A, Item No. B1.11.

D. Basis for relief:

Physical interference from six reactor vessel core support lugs precludes the complete ultrasonic examination of the volume required by Fig. IWB-2500-1 for item TBX-1-1100-4, the reactor vessel lower shell to bottom head circumferential weld. Approximately 39% of the examination volume of weld TBX-1-1100-4 can not receive the full code required examination coverage. See pages 3, 4 and 5 for weld locations and examination area configurations.

Best effort automated ultrasonic examinations will be performed from the vessel interior surface. The anticipated best effort examination coverage results for each examination angle and scan direction are shown on page 6.

**CPSES UNIT 1
RELIEF REQUEST
B-15
(cont.)**

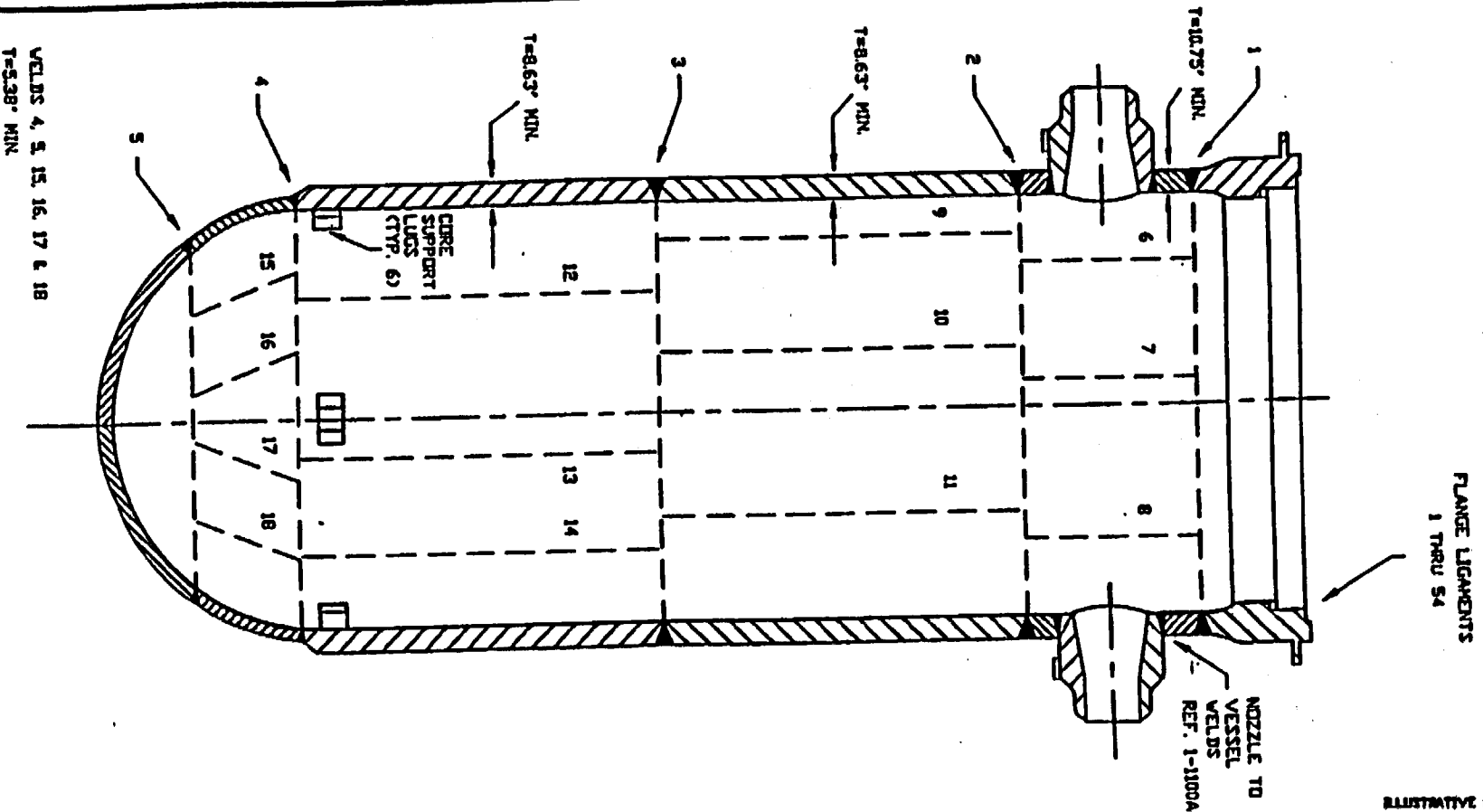
A table summarizing the coverage expected for each of the other CPSES Unit 1 reactor vessel welds is shown on page 7. The examination tool being used has been used to examine reactor vessels of similar designs at other plants with similar coverage results.

E. Alternate examinations:

Cameras on the examination tool will be used to visually access some of the areas that are not accessible to the ultrasonic transducer scanning sled.

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

There is no adverse impact anticipated on the overall level of plant quality and safety. The best effort ultrasonic examinations and visual observations of the subject welds combined with the examinations performed and coverage expected on the remainder of the reactor vessel will adequately verify component integrity and therefore maintain plant quality and safety.



ILLUSTRATIVE ONLY

NOTES: VESSEL MATERIAL SA-533
NOZZLE MATERIAL SA-508

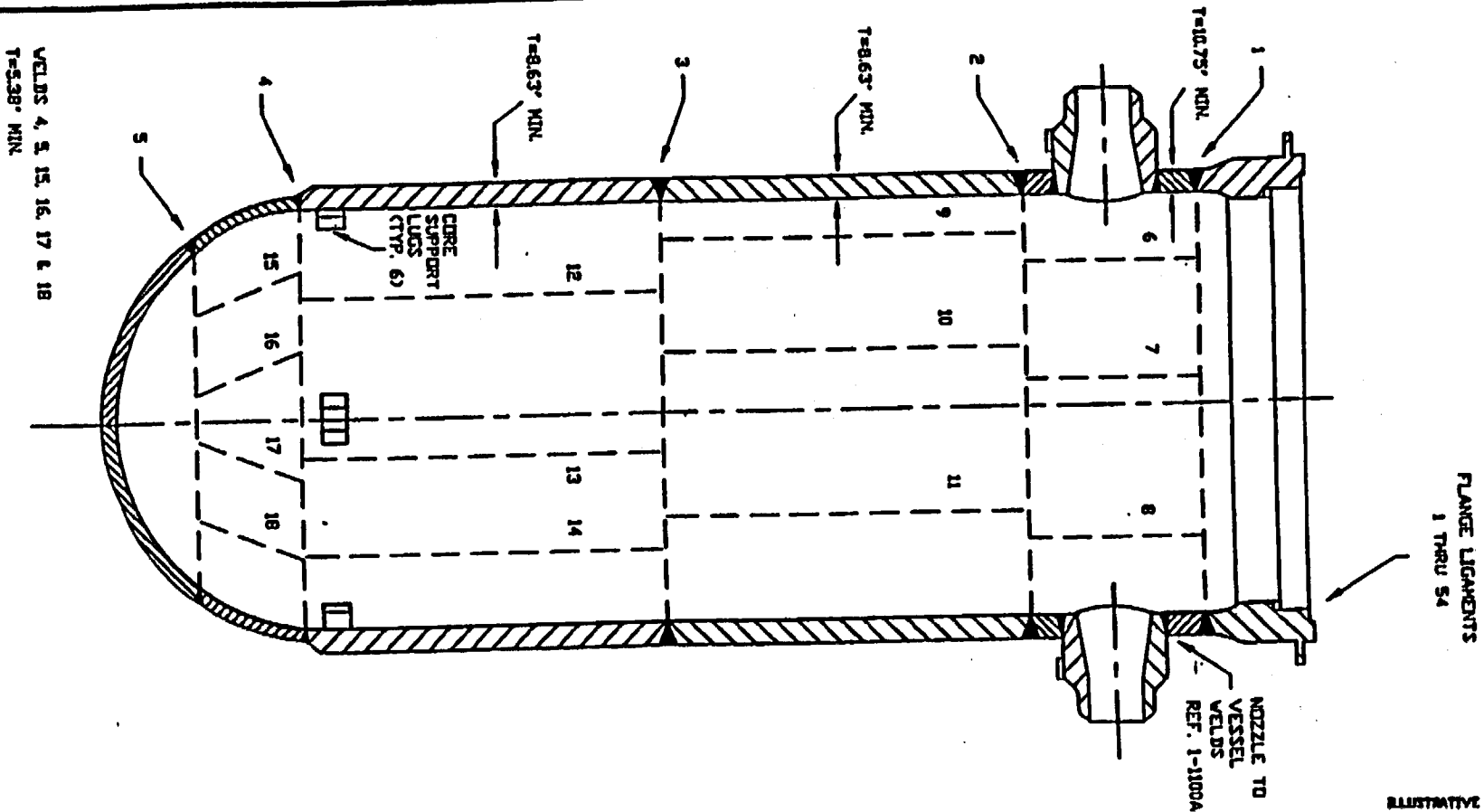
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T/SCH.
BRP.
FLOW:

TU ELECTRIC
CPSES UNIT 1

INSERVICE INSPECTION
LOCATION ISOMETRIC

TBX-1-1100 REV.1 7-20-90

APPROVAL: *B.F. MTS* 7-20-90



FLANGE LIGAMENTS
1 THRU 54

NOZZLE TO
VESSEL
WELDS
REF. 1-1100A

ILLUSTRATIVE ONLY

NOTES: VESSEL MATERIAL SA-533
NOZZLE MATERIAL SA-508

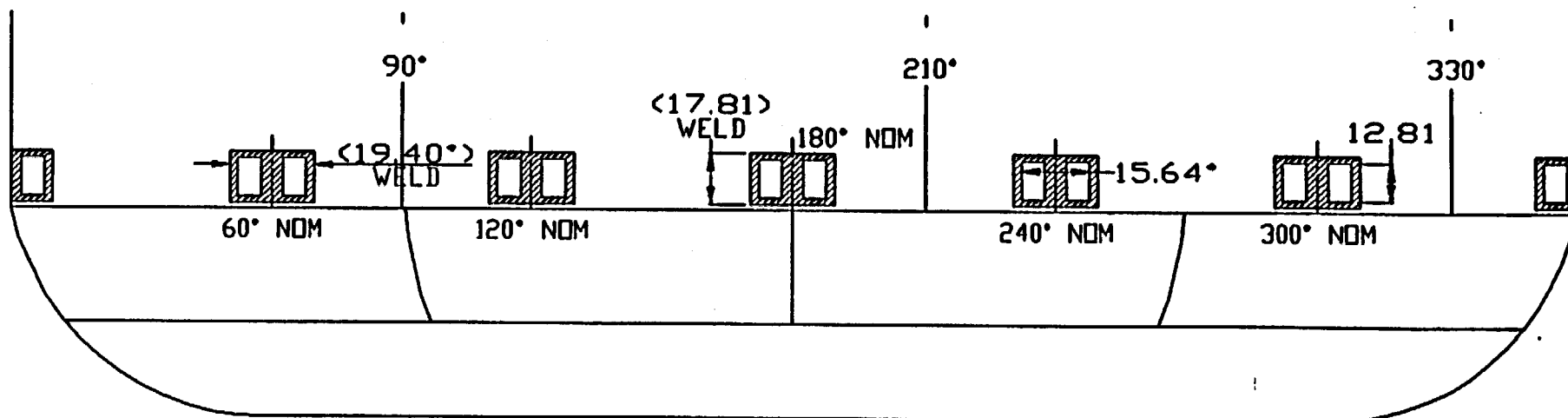
DESCRIPTION: REACTOR VESSEL
T/SCH.
BRP.
FLOW.

TU ELECTRIC
CPSES UNIT 1
INSERVICE INSPECTION
LOCATION ISOMETRIC

TBX-1-1100 REV.1 7-20-90

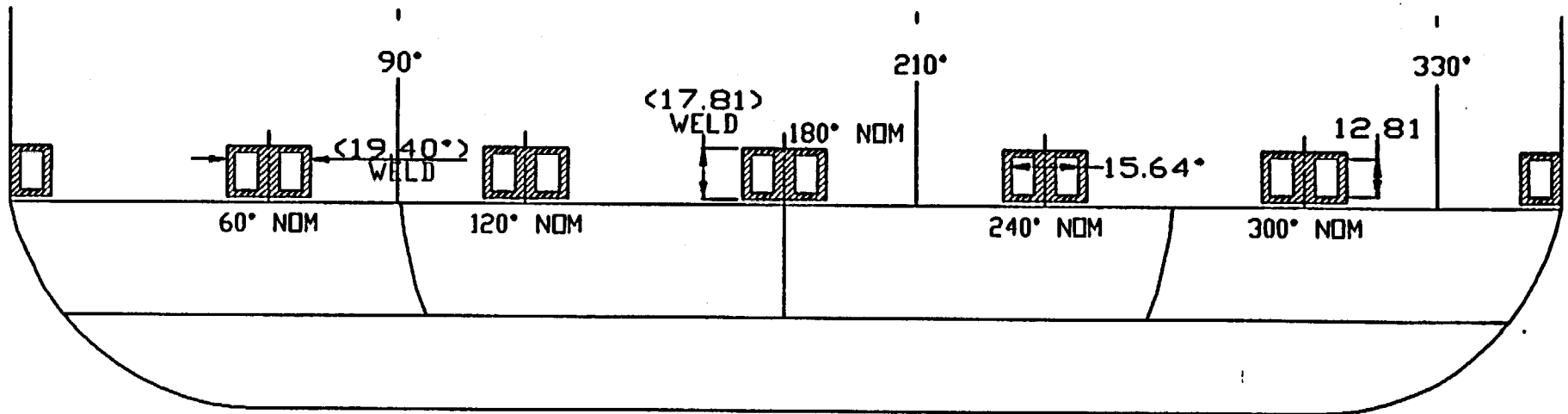
APPROVAL: *B. J. M. J. S.* 7-20-90

DEPICTED: DISTRIBUTION AND SIZES OF
CORE SUPPORTS, INCLUDING 2"R FILLET.



TBX REACTOR VESSEL	
WesDyne International	
SHEET TITLE	Vessel Rollout
NUMBER	WDI-98-012
ALL DIMENSIONS IN INCHES	

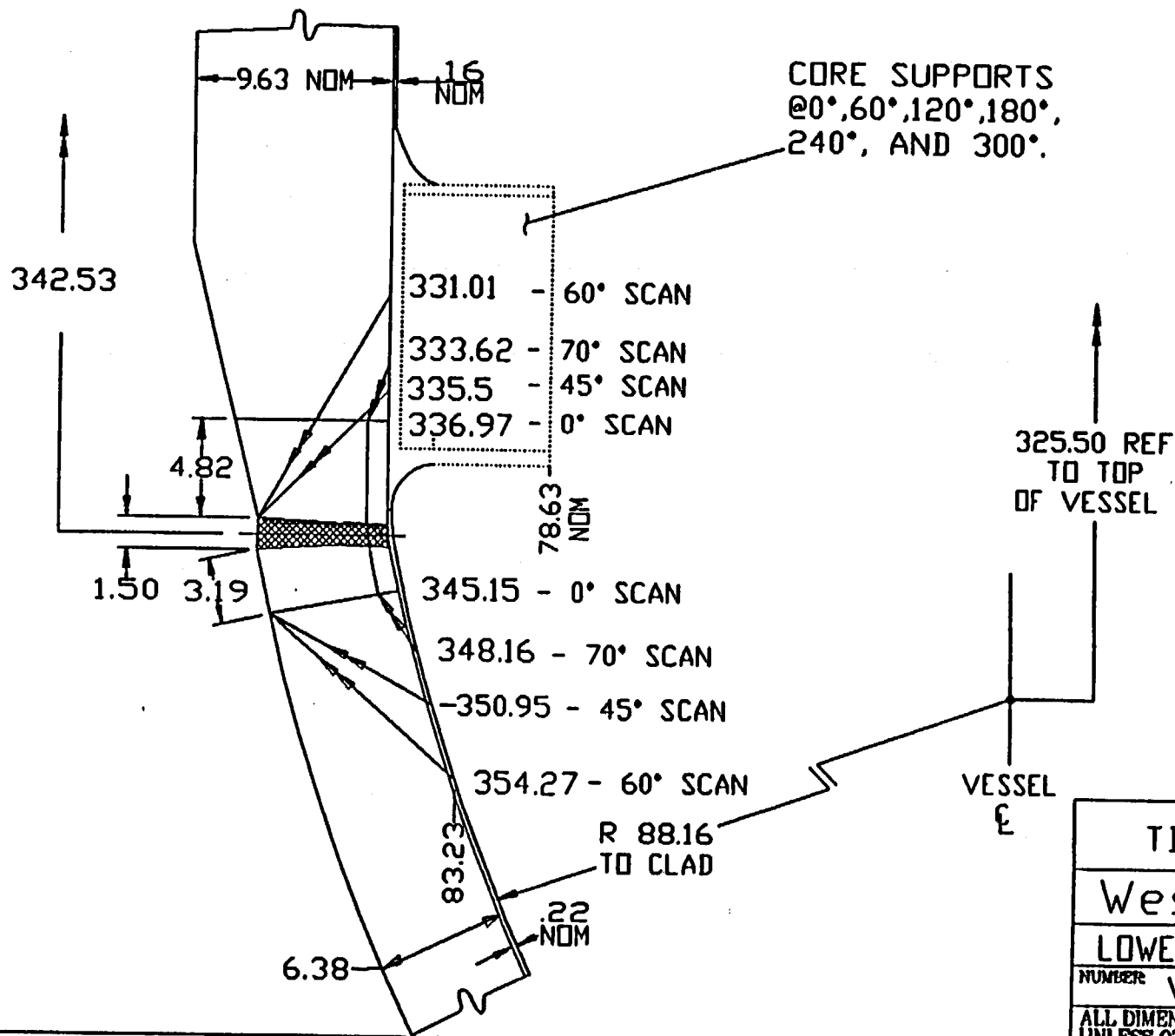
DEPICTED: DISTRIBUTION AND SIZES OF CORE SUPPORTS, INCLUDING 2"R FILLET.



CPSES UNIT 1 RELIEF REQUEST B-15 Page 4 of 7

TBX REACTOR VESSEL	
WesDyne International	
SHEET TITLE	Vessel Rollout
NUMBER	WDI-98-012
ALL DIMENSIONS IN INCHES	

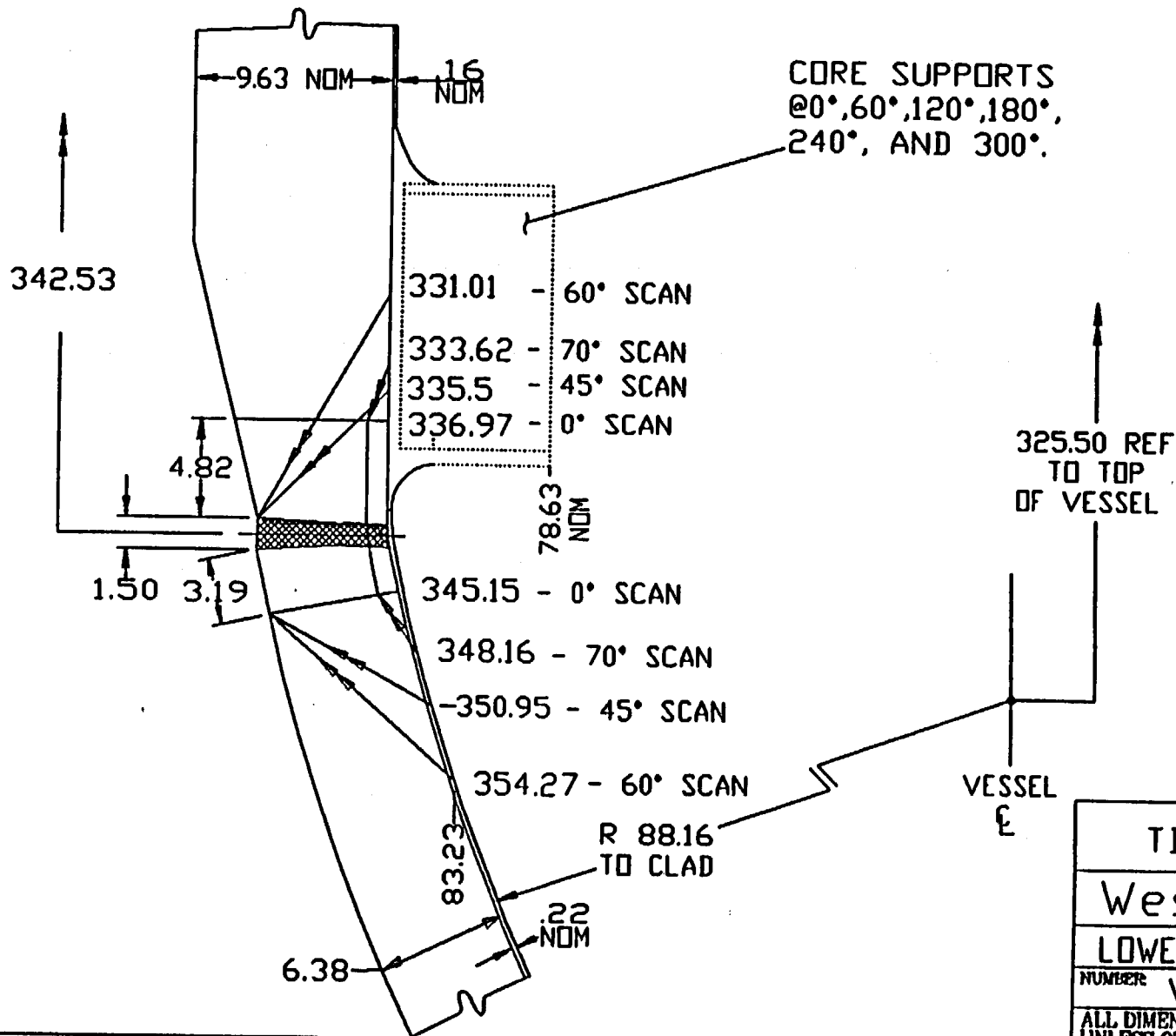
DEPICTED: OBSTRUCTION TO MINIMUM REQUIRED SCANNING PATHS FROM CORE SUPPORTS - WESTINGHOUSE 4-LOOP DESIGN, TBX REACTOR VESSEL.



CPSES UNIT 1 RELIEF REQUEST B-15 Page 5 of 7

TBX REACTOR VESSEL	
WesDyne INTERNATIONAL	
LOWER TO BOTTOM CIRC. WELD	
NUMBER	WDI-98-012
	KUREK
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED	
	10-98

DEPICTED: OBSTRUCTION TO MINIMUM REQUIRED SCANNING PATHS FROM CORE SUPPORTS - WESTINGHOUSE 4-LOOP DESIGN, TBX REACTOR VESSEL.



TBX REACTOR VESSEL	
WesDyne INTERNATIONAL	
LOWER TO BOTTOM CIRC. WELD	
NUMBER	WDI-98-012
	KUREK
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED	10-98

**CPSES UNIT 1
RELIEF REQUEST
B-15
(cont.)**

EXAMINATION COVERAGE ESTIMATE

SCAN DIRECTION	EXAMINATION ANGLES			
	0 DEGREE	45 DEGREE	60 DEGREE	70 DEGREE
CW		60.4%	60.4%	57.7%
CCW		60.4%	60.4%	57.7%
UP		62.1%	62.6%	61.8%
DOWN	61.8%	61.8%	61.8%	61.8%
AVERAGE	61.8%	61.2%	61.3%	59.8%
COMBINED AVERAGE: 61%				

**CPSES UNIT 1
RELIEF REQUEST
B-15
(cont.)**

CPSES UNIT 1 REACOR VESSEL EXAMINATION COVERAGE ESTIMATES

<u>WELD IDENTIFICATION</u>	<u>COVERAGE ESTIMATE</u>	<u>CAUSE OF LIMITATION</u>
1 - flange to shell	95 %	flange configuration
2 - upper to intermediate shell	95 %	nozzle location
3 - intermediate to lower shell	100 %	
4 - lower shell to bottom head	61 %	
5 - lower head circumferential	75 %	6 - core support lugs
6 - upper shell longitudinal	91 %	instrumentation tubes
7 - upper shell longitudinal	92 %	nozzle location
8 - upper shell longitudinal	100 %	nozzle location
9 - intermediate shell longitudinal	100 %	
10 - intermediate shell longitudinal	100 %	
11 - intermediate shell longitudinal	100 %	
12 - lower shell longitudinal	100 %	
13 - lower shell longitudinal	100 %	
14 - lower shell longitudinal	100 %	
15 - bottom head meridional	97 %	instrumentation tubes
16 - bottom head meridional	100 %	
17 - bottom head meridional	94 %	instrumentation tubes
18 - bottom head meridional	100 %	
19, 22, 23, 26 - outlet nozzle to shell	100 % from nozzle 42 % from shell	nozzle configuration
19IR, 22IR, 23IR, 26IR - inner radius	95 %	nozzle configuration
20, 21, 24, 25 - inlet nozzle to shell	100 % from nozzle 79 % from shell	nozzle configuration
20IR, 21IR, 24IR, 25IR - inner radius	95 %	nozzle configuration

**CPSES UNIT 1
RELIEF REQUEST
B-16**

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

TBX-1-1100-5 Reactor Vessel Lower Head Circumferential Weld

B. Item(s) Code Class:

1

C. Examination requirement from which relief is requested:

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

D. Basis for relief:

Physical interference from the reactor vessel bottom mounted instrumentation tubes precludes the complete ultrasonic examination of the volume required by Fig. IWB-2500-3 for item TBX-1-1100-5, the reactor vessel bottom head circumferential weld. Approximately 25% of the examination volume of weld TBX-1-1100-5 can not receive the full code required examination coverage. See pages 3, 4 and 5 for weld locations and examination area configurations.

Best effort automated ultrasonic examinations will be performed from the vessel interior surface. The anticipated best effort examination coverage results for each examination angle and scan direction are shown on page 6.

**CPSES UNIT 1
RELIEF REQUEST
B-16
(cont.)**

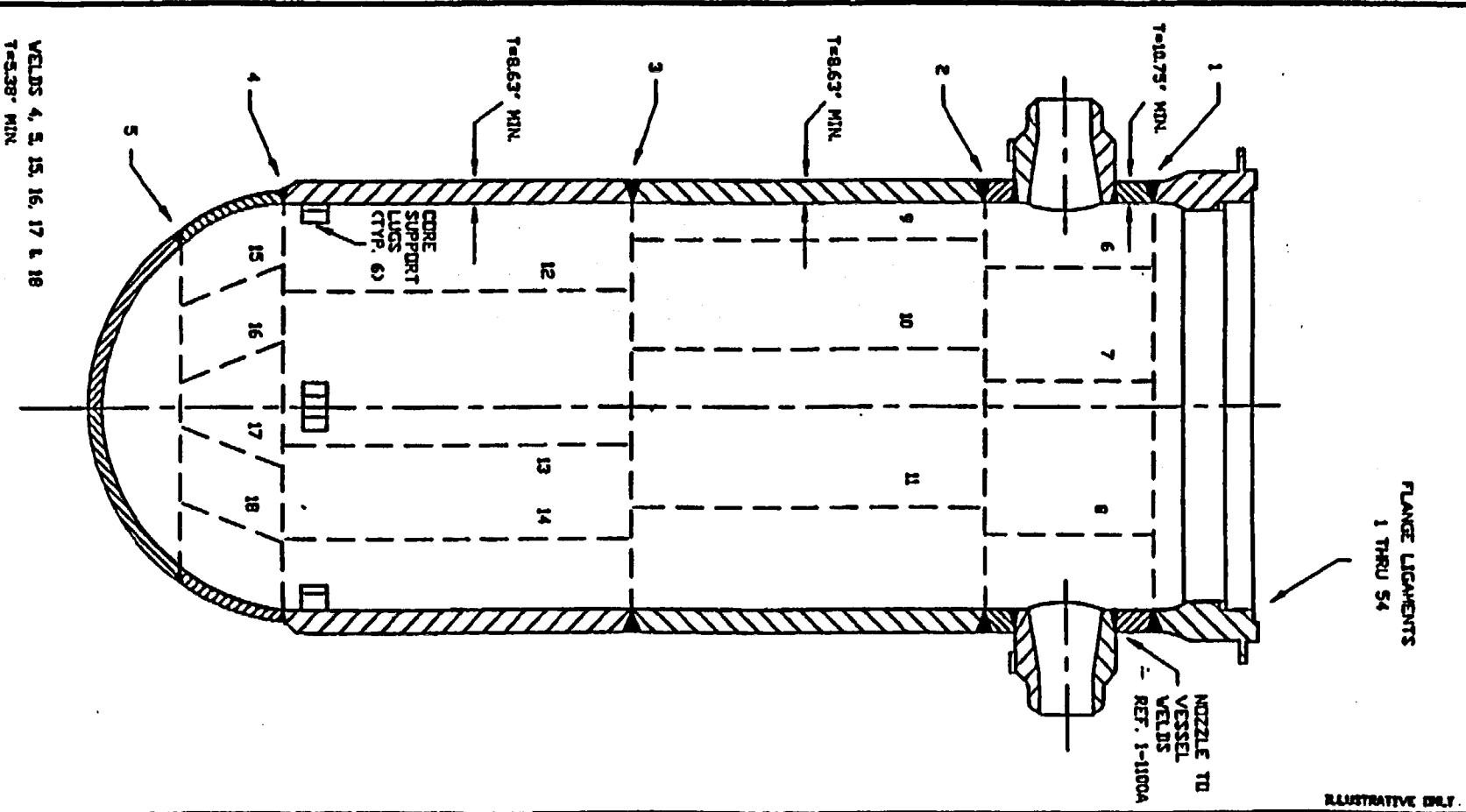
A table summarizing the coverage expected for each of the other CPSES Unit 1 reactor vessel welds is shown on page 7. The examination tool being used has been used to examine reactor vessels of similar designs at other plants with similar coverage results.

E. Alternate examinations:

Cameras on the examination tool will be used to visually access some of the areas that are not accessible to the ultrasonic transducer scanning sled.

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

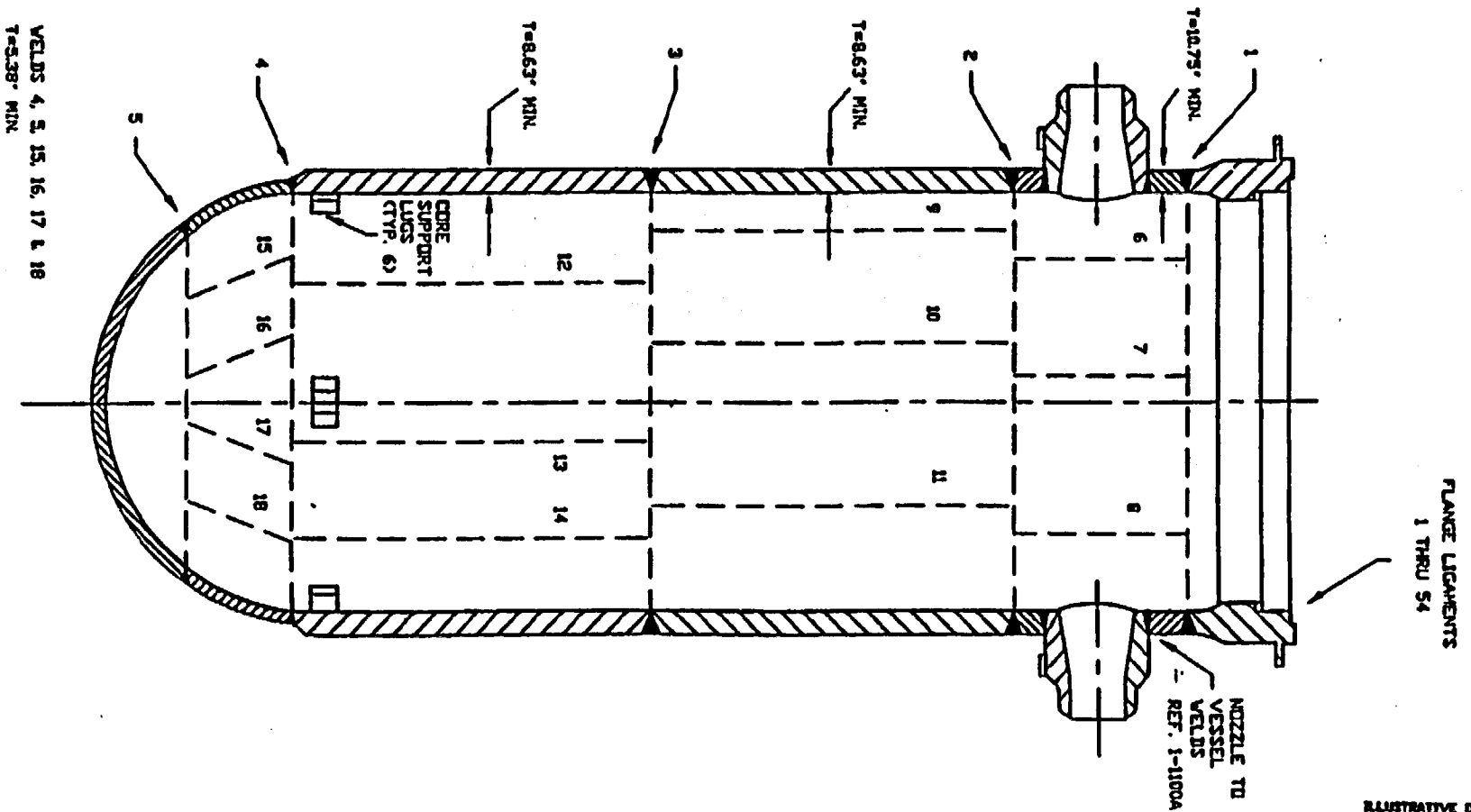
There is no adverse impact anticipated on the overall level of plant quality and safety. The best effort ultrasonic examinations and visual observations of the subject welds combined with the examinations performed and coverage expected on the remainder of the reactor vessel will adequately verify component integrity and therefore maintain plant quality and safety.



FLANGE LIGAMENTS
1 THRU 54

ILLUSTRATIVE ONLY

NOTES: VESSEL MATERIAL SA-533 NOZZLE MATERIAL SA-508 . . .	DESCRIPTION: REACTOR VESSEL		TU ELECTRIC CPSES UNIT 1	
	T/SCH.			
	BRP.		INSERVICE INSPECTION LOCATION ISOMETRIC	
	FLOW.			
APPROVAL: <i>B.J. MATE</i> 7-20-90		TBX-1-1100	REV.1	7-20-90



NOTES: VESSEL MATERIAL SA-533
NOZZLE MATERIAL SA-508

DESCRIPTION: REACTOR VESSEL

TU ELECTRIC
CPSES UNIT 1

INSERVICE INSPECTION
LOCATION ISOMETRIC

APPROVAL: *B.J. [Signature]* 7-20-90

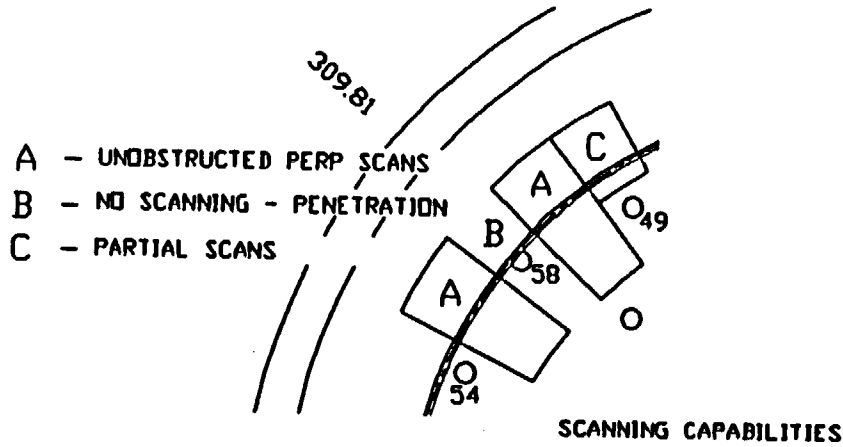
FLOW:

TBX-1-1100

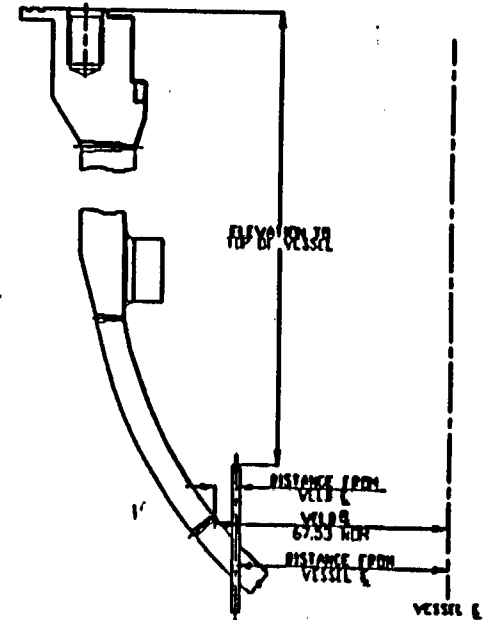
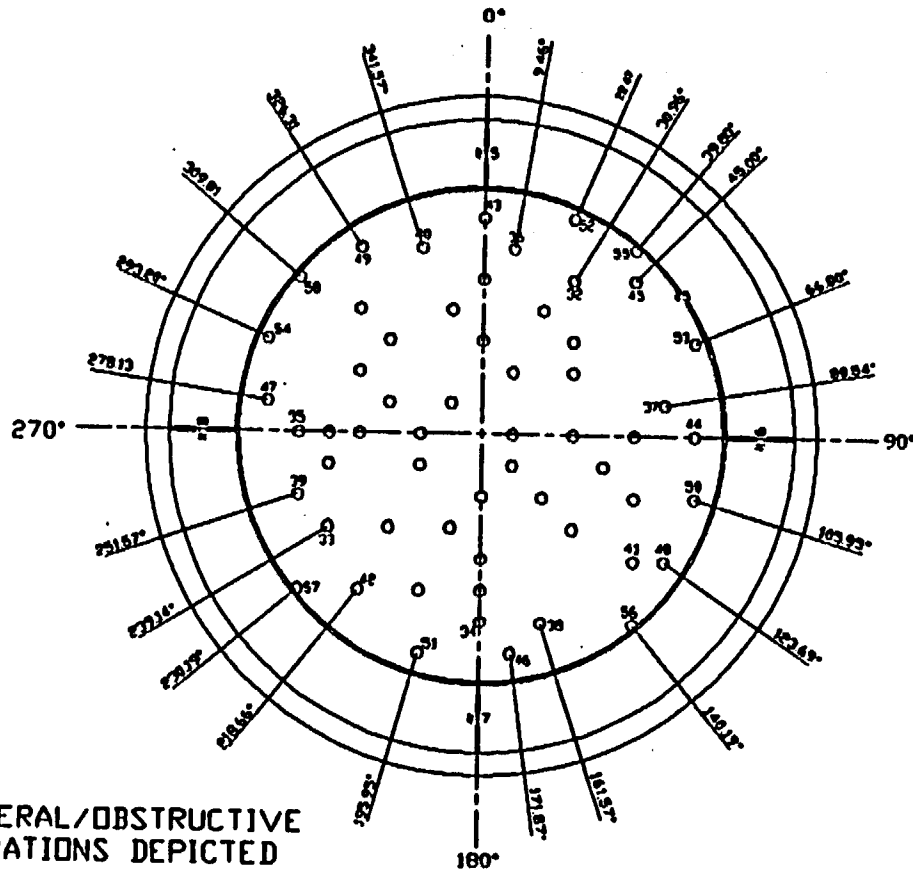
REV.1

7-20-90

Westinghouse Proprietary Class 2C

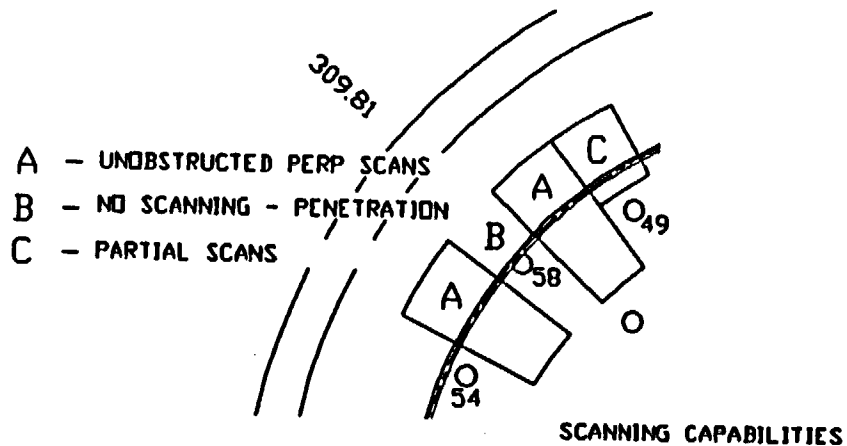


PENETRATION No. (#150 NOM)	DISTANCE FROM VESSEL C ₁	DISTANCE FROM WELD Q	ELEVATION TO TOP OF VESSEL
32, 33	49.36	18.17	386.59-386.63
34, 35	50.80	16.73	385.59-385.66
36, 37	51.50	16.03	385.13-385.16
38, 39, 40	53.54	13.99	383.59-383.61
41, 42	54.21	13.32	383.09
43, 44	59.26	8.27	378.81
45, 46, 47	59.86	7.67	378.28-378.30
48, 49	61.05	6.48	378.20-378.23
50, 51	61.63	5.90	376.63
53, 54	64.48	3.05	373.75-374.03
55, 56, 57, 58	66.12	1.45	371.88-371.94
52	64.43	3.0	373.66

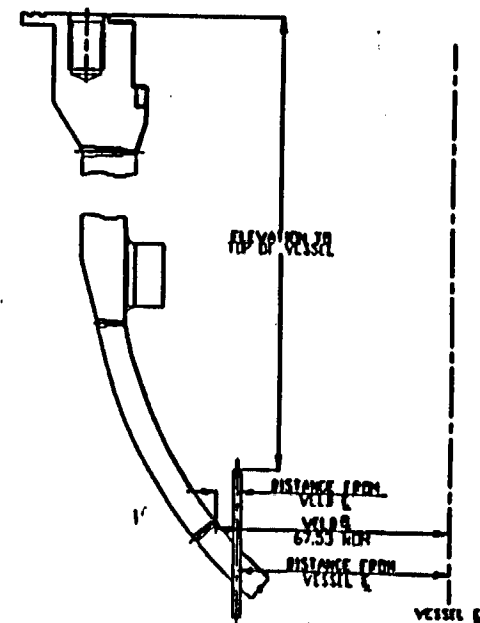
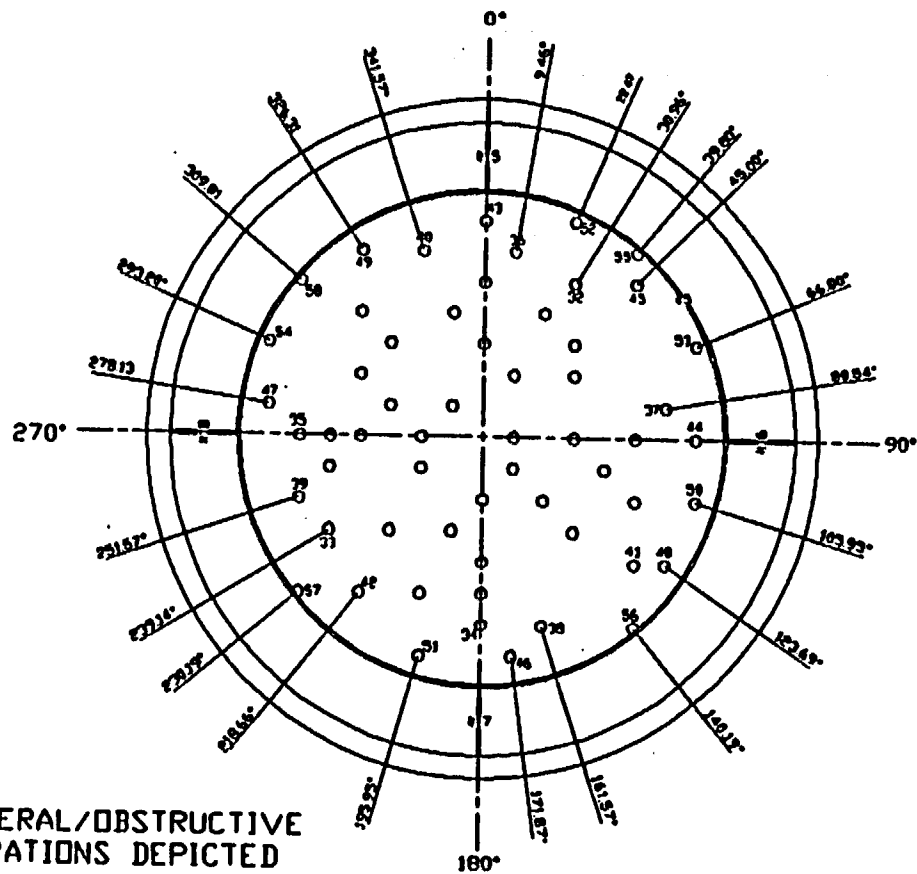


TBX REACTOR VESSEL
 WesDyne International
 BOTTOM HEAD DOLLAR/PENETRATIONS
 WDI-98-012
 ALL DIMENSIONS IN INCHES

Westinghouse Proprietary Class 2C

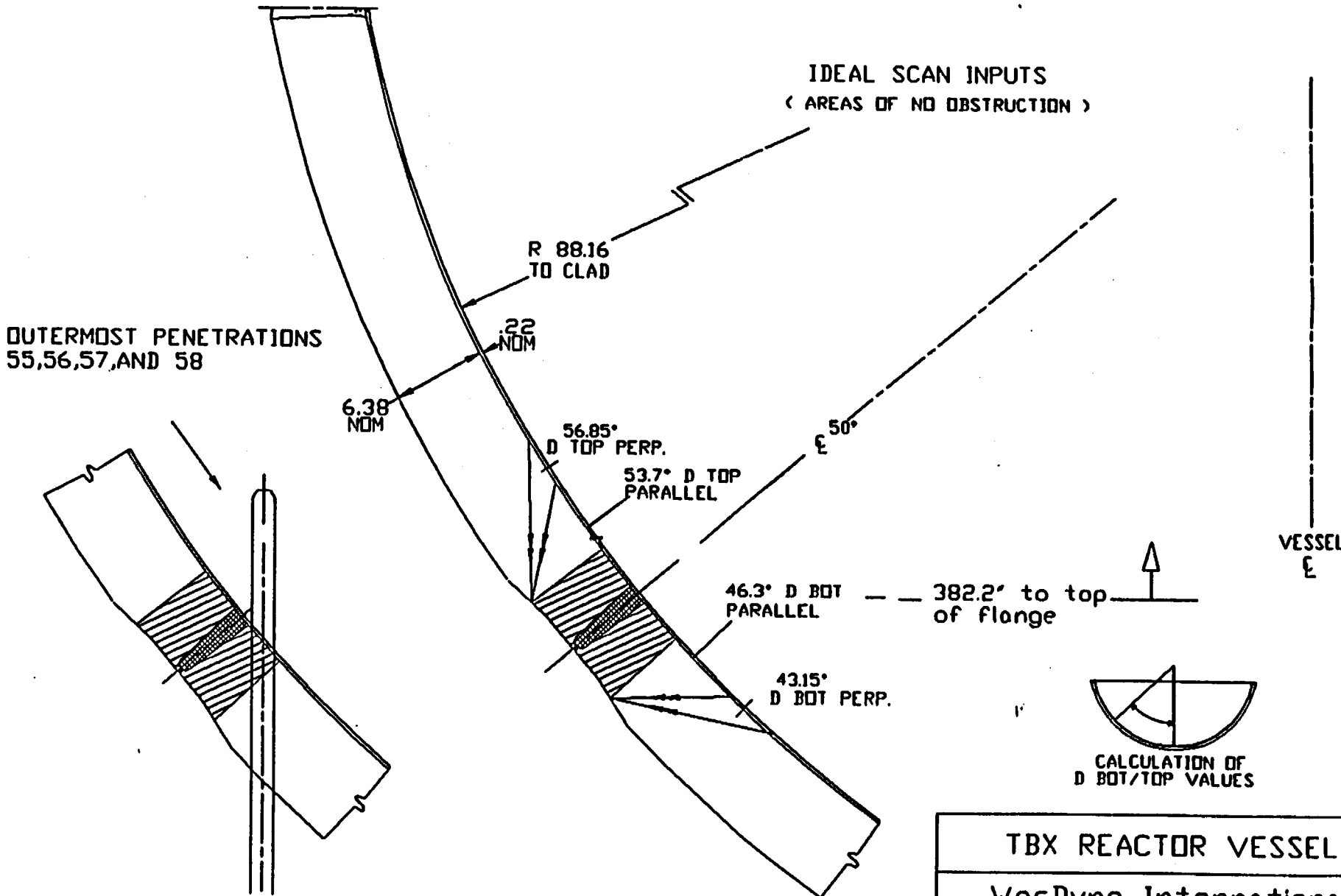


PENETRATION No. (#150 NOM)	DISTANCE FROM VESSEL C ₁	DISTANCE FROM WELD Q	ELEVATION TO TOP OF VESSEL
32, 33	49.36	18.17	386.59-386.63
34, 35	50.80	16.73	385.59-385.66
36, 37	51.50	16.03	385.13-385.16
38, 39, 40	53.54	13.99	383.59-383.61
41, 42	54.21	13.32	383.09
43, 44	59.26	8.27	378.01
45, 46, 47	59.86	7.67	378.28-378.30
48, 49	61.05	6.48	378.20-378.23
50, 51	61.63	5.90	376.63
53, 54	64.48	3.03	373.75-374.03
55, 56, 57, 58	66.12	1.45	371.88-371.94
52	64.43	3.0	373.66



TBX REACTOR VESSEL
 WesDyne International
 BOTTOM HEAD DOLLAR/PENETRATIONS
 WDI-98-012
 ALL DIMENSIONS IN INCHES

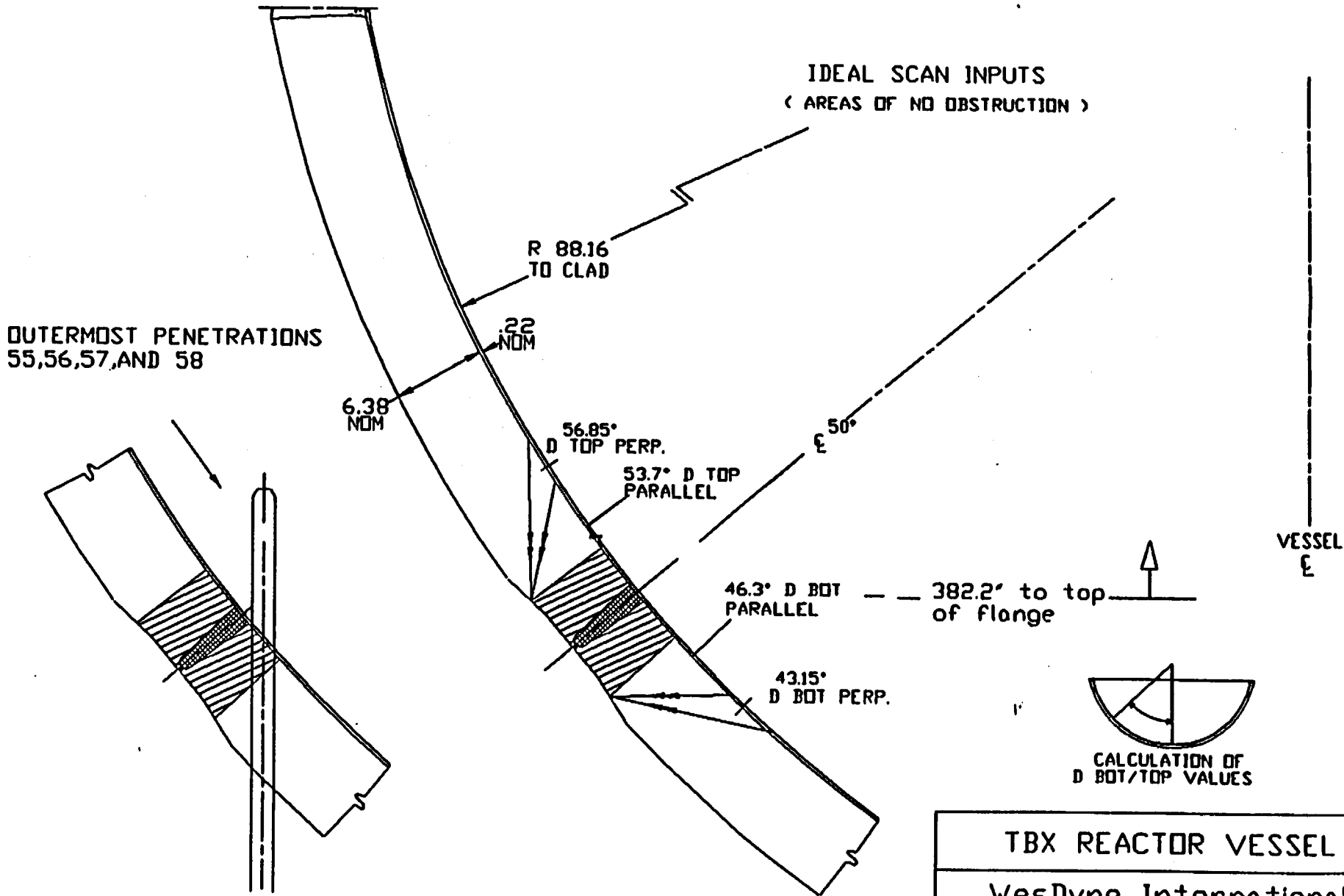
Westinghouse Proprietary Class 2C



CPSES UNIT 1 RELIEF REQUEST B-16 Page 5 of 7

TBX REACTOR VESSEL	
WesDyne International	
BOTTOM HEAD TORUS CIRC	
WDI-98-012	
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED	10-98

Westinghouse Proprietary Class 2C



CPSES UNIT 1 RELIEF REQUEST B-16 Page 5 of 7

TBX REACTOR VESSEL	
WesDyne International	
BOTTOM HEAD TORUS CIRC	
WDI-98-012	
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED	10-98

**CPSES UNIT 1
RELIEF REQUEST
B-16
(cont.)**

EXAMINATION COVERAGE ESTIMATE

SCAN DIRECTION	EXAMINATION ANGLES			
	0 DEGREE	45 DEGREE	60 DEGREE	70 DEGREE
CW		70%	70%	92%
CCW	80%	70%	70%	92%
UP		68%	69%	71%
DOWN		72%	70%	71%
AVERAGE	80%	70%	69.75%	81.5%

COMBINED AVERAGE: 75.3%

**CPSES UNIT 1
RELIEF REQUEST
B-16
(cont.)**

CPSES UNIT 1 REACOR VESSEL EXAMINATION COVERAGE ESTIMATES

<u>WELD IDENTIFICATION</u>	<u>COVERAGE ESTIMATE</u>	<u>CAUSE OF LIMITATION</u>
1 - flange to shell	95 %	flange configuration
2 - upper to intermediate shell	95 %	nozzle location
3 - intermediate to lower shell	100 %	
4 - lower shell to bottom head	61 %	6 - core support lugs
5 - lower head circumferential	75 %	instrumentation tubes
6 - upper shell longitudinal	91 %	nozzle location
7 - upper shell longitudinal	92 %	nozzle location
8 - upper shell longitudinal	100 %	
9 - intermediate shell longitudinal	100 %	
10 - intermediate shell longitudinal	100 %	
11 - intermediate shell longitudinal	100 %	
12 - lower shell longitudinal	100 %	
13 - lower shell longitudinal	100 %	
14 - lower shell longitudinal	100 %	
15 - bottom head meridional	97 %	instrumentation tubes
16 - bottom head meridional	100 %	
17 - bottom head meridional	94 %	instrumentation tubes
18 - bottom head meridional	100 %	
19, 22, 23, 26 - outlet nozzle to shell	100 % from nozzle 42 % from shell	nozzle configuration
19IR, 22IR, 23IR, 26IR - inner radius	95 %	nozzle configuration
20, 21, 24, 25 - inlet nozzle to shell	100 % from nozzle 79 % from shell	nozzle configuration
20IR, 21IR, 24IR, 25IR - inner radius	95 %	nozzle configuration

**CPSES UNIT 1
RELIEF REQUEST
B-17**

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

**TBX-1-1100A-19, 22, 23 and 26 Reactor Vessel Outlet Nozzle to Shell Welds
TBX-1-1100A-20, 21, 24 and 25 Reactor Vessel Inlet Nozzle to Shell Welds**

B. Item(s) Code Class:

1

C. Examination requirement from which relief is requested:

The requirement for volumetric examination of 100% of the weld lengths as described in Table IWB-2500-1, Examination Category B-D, Item No. B3.10.

D. Basis for relief:

The specific examination area geometries of the reactor vessel inlet and outlet nozzles preclude the complete ultrasonic examination of the volume required by Fig. IWB-2500-7(b) for items TBX-1-1100A-19, 22, 23 and 26, the 4 reactor vessel outlet nozzle to shell welds, and items TBX-1-1100A-20, 21, 24 and 25, the 4 reactor vessel inlet nozzle to shell welds. See pages 3, 4 and 5 for weld locations and examination area configurations.

For welds TBX-1-1100A-19, 22, 23 and 26, approximately 58% of the examination volume can not be examined in the tangential or circumferential scan direction from the vessel shell interior surface for indications oriented perpendicular to the weld base metal interface. For welds TBX-1-1100A-20, 21, 24 and 25, approximately 21% of the examination volume can not be examined in the tangential or circumferential scan direction from the vessel shell interior surface for indications oriented perpendicular to the weld base metal interface.

However, essentially 100% of the examination volume for each weld can be examined in the radial or axial scan direction from the nozzle inside bore by techniques designed for the detection and sizing of surface and subsurface flaws oriented in a plane normal to the

**CPSES UNIT 1
RELIEF REQUEST
B-17
(cont.)**

vessel inside surface and parallel to the weld. The examinations performed in this manner emphasizes the detection of the types of flaws that can result from welding processes or inservice conditions.

The limitations encountered for the automated examination from the shell side are primarily due to the inability to access all of the base metal making up the required examination volume which extends a distance of 5.75 inches from the weld toe (one-half the vessel shell thickness). The nozzle forging and shell plate base metals have received extensive material and fabrication examinations. If inservice flaws exist they are more likely to originate and be located in the heat affected weld fusion zone than in these base metal areas

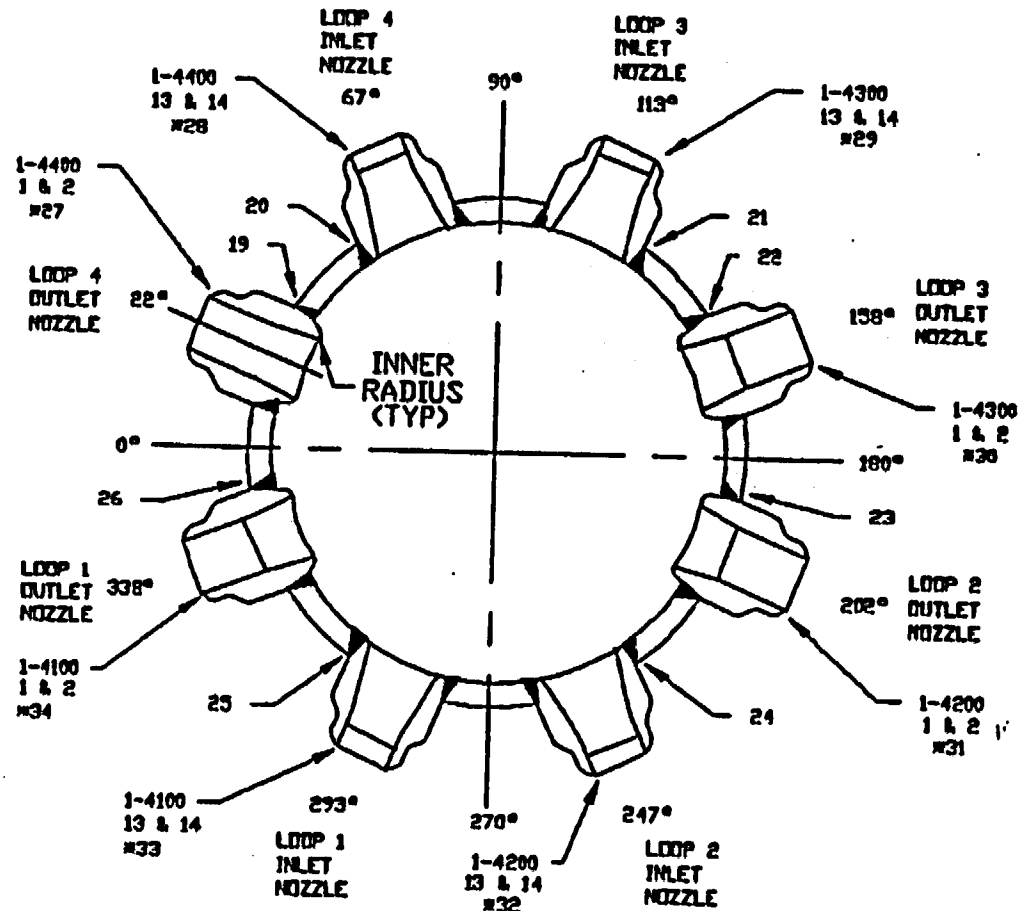
A table summarizing the coverage expected for each of the other CPSES Unit 1 reactor vessel welds is shown on page 6. The examination tool being used has been used to examine reactor vessels of similar designs at other plants with similar coverage results.

E. Alternate examinations:

Cameras on the examination tool will be used to visually access some of the areas that are not accessible to the ultrasonic transducer scanning sled.

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

There is no adverse impact anticipated on the overall level of plant quality and safety. The best effort ultrasonic examinations and visual observations of the subject welds combined with the examinations performed and coverage expected on the remainder of the reactor vessel will adequately verify component integrity and therefore maintain plant quality and safety.



ILLUSTRATIVE ONLY

NOTES:
 * = REF. FOR REMOTE TOOL PSI EXAMINATIONS.
 INNER RADIUS EXAMINATION ITEMS ARE IDENTIFIED BY THE CORRESPONDING NOZZLE TO SHELL WELD NUMBER WITH AN "IR" SUFFIX.

DESCRIPTION: REACTOR VESSEL NOZZLES

T/SCH.

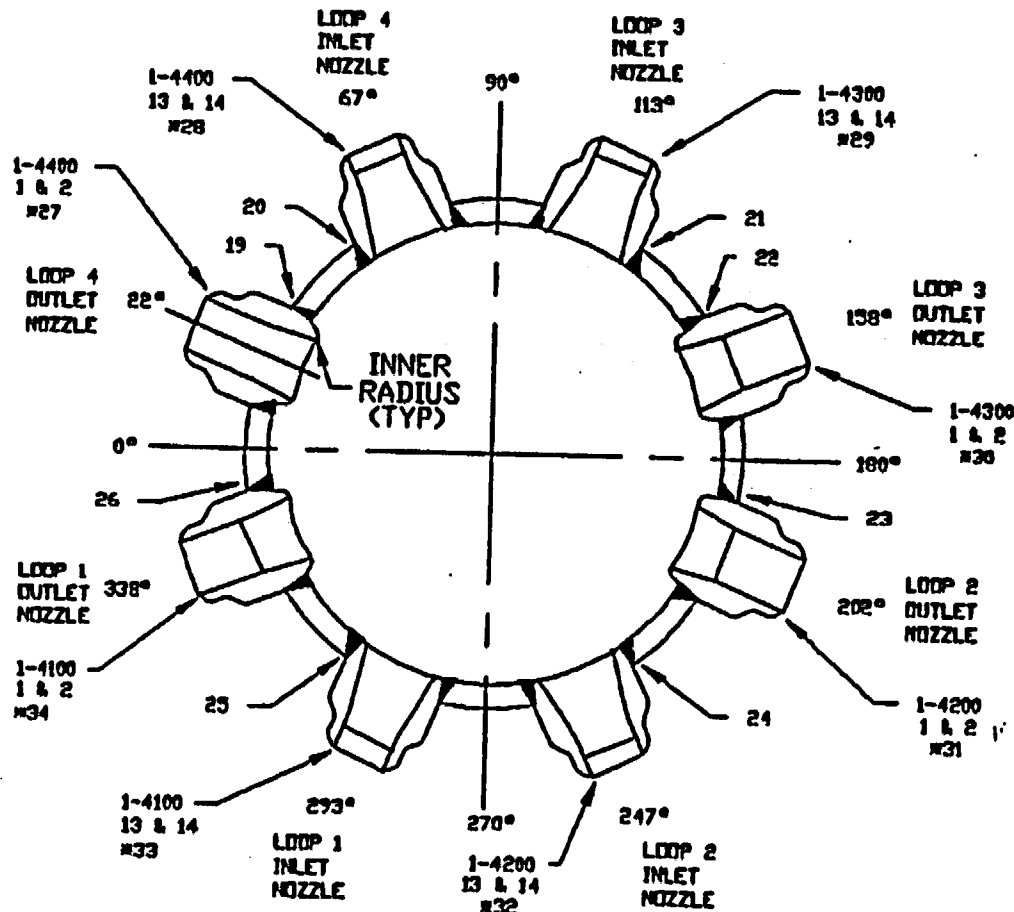
BRP.

FLOW.

TU ELECTRIC
 CPSES UNIT 1

INSERVICE INSPECTION
 LOCATION ISOMETRIC

APPROVAL: *RB Mays* *RB Mays* 3-2-95



ILLUSTRATIVE ONLY

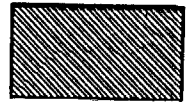
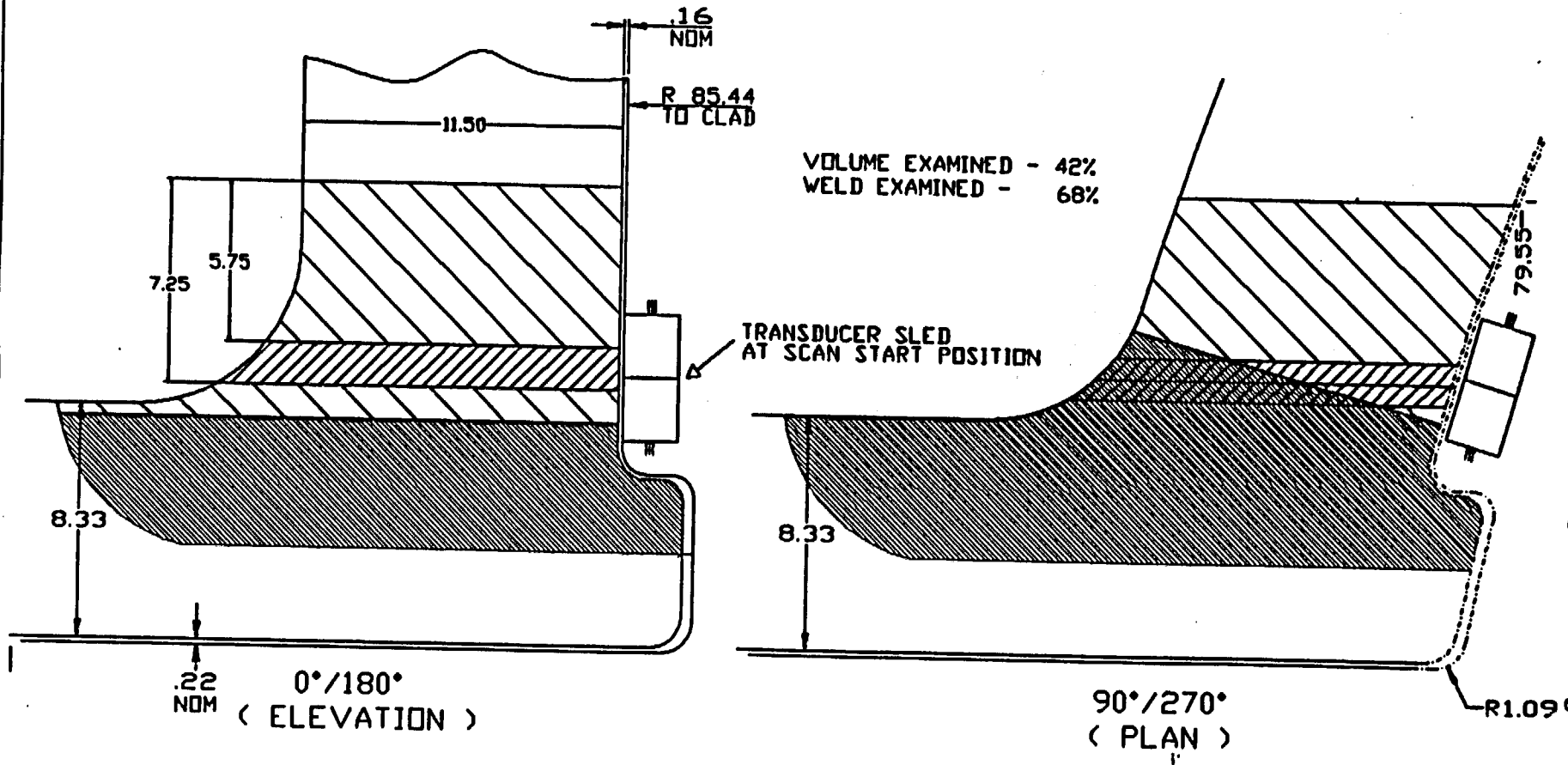
NOTES:
 * = REF. FOR REMOTE TOOL PSI EXAMINATIONS.
 INNER RADIUS EXAMINATION ITEMS ARE IDENTIFIED BY THE CORRESPONDING NOZZLE TO SHELL WELD NUMBER WITH AN 'IR' SUFFIX.

DESCRIPTION: REACTOR VESSEL NOZZLES
T/SCH.
BRP:
FLOW:

TU ELECTRIC
 CPSES UNIT 1
 INSERVICE INSPECTION
 LOCATION ISOMETRIC

APPROVAL: *RB Mays* *B. Mays* 3-2-85

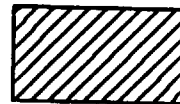
Westinghouse Proprietary Class 2C



AREA NOT COVERED



EXAM VOLUME



WELD

SCANNING MOTION CIRCULAR
EACH INCREMENT AN INCREASE
IN DIAMETER OF .5"

TBX REACTOR VESSEL ISI

WesDyne International

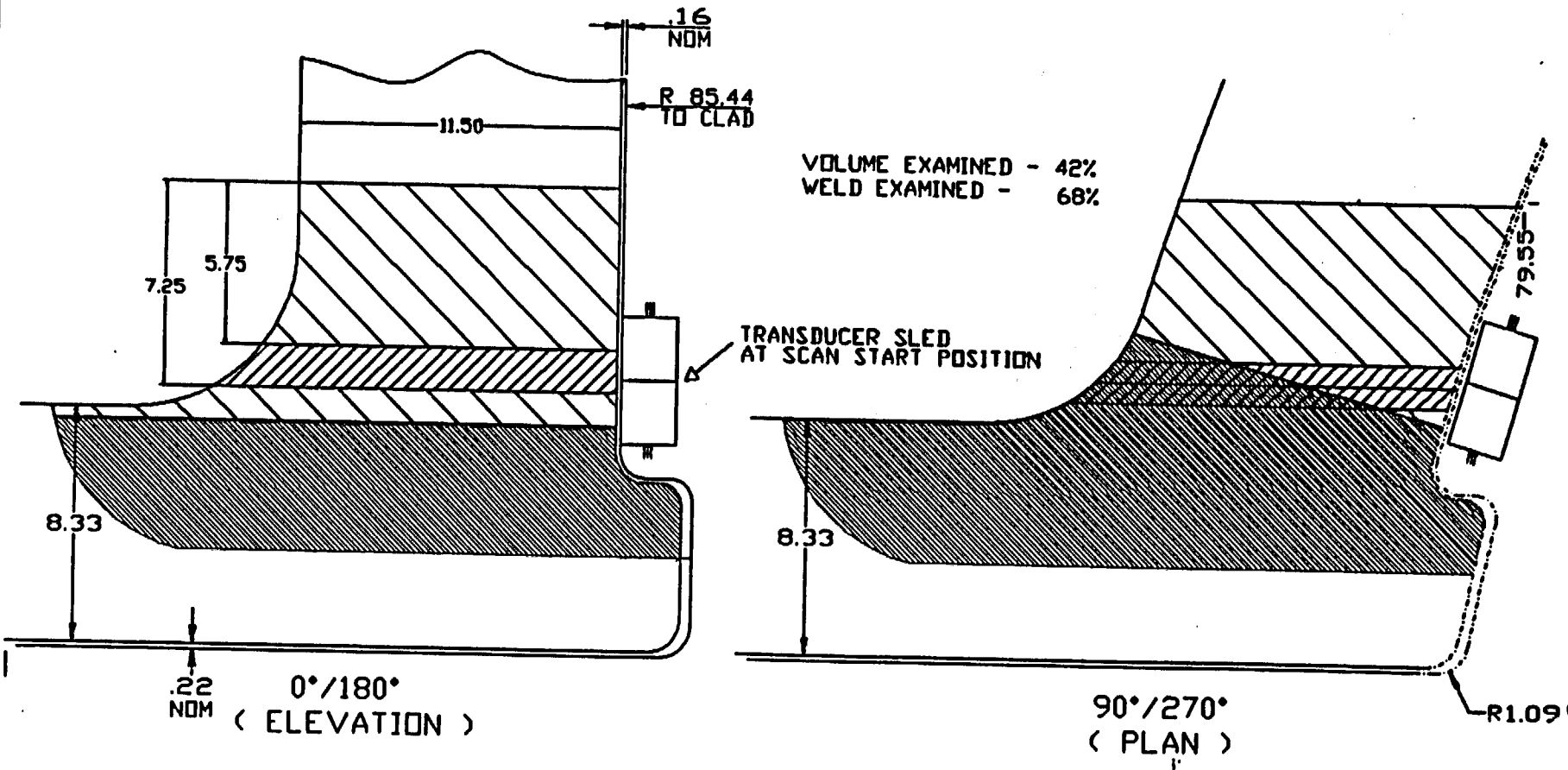
SHEET TITLE: OUTLET NOZZLE TO SHELL

SKETCH WDI-98-010

ALL DIMENSIONS IN INCHES
UNLESS OTHERWISE NOTED

SHEET OF

Westinghouse Proprietary Class 2C

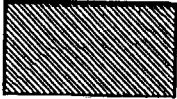



VOLUME EXAMINED - 42%
WELD EXAMINED - 68%

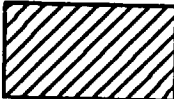
TRANSDUCER SLED
AT SCAN START POSITION

0°/180°
(ELEVATION)

90°/270°
(PLAN)


AREA NOT
COVERED


EXAM VOLUME

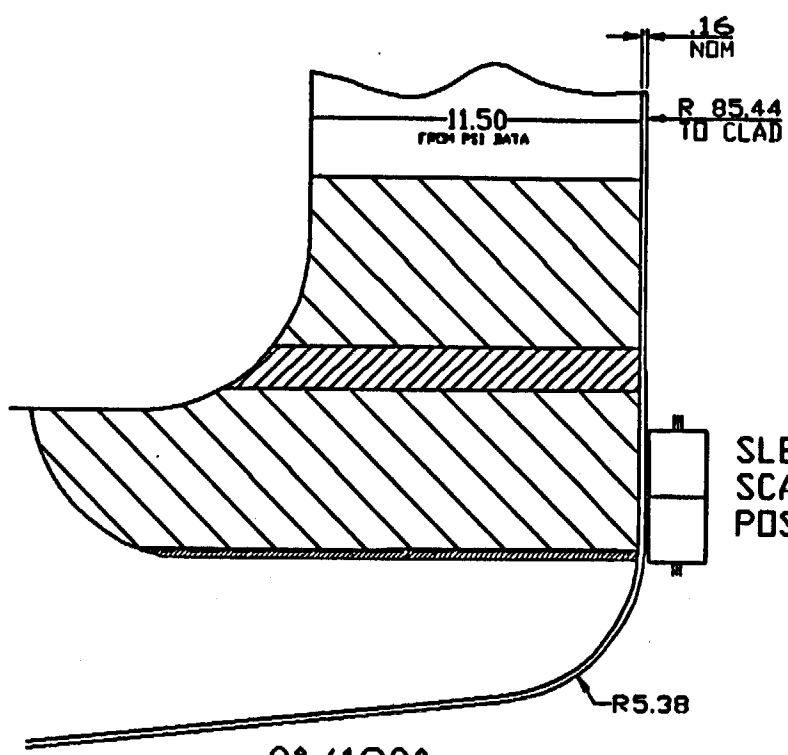

WELD

SCANNING MOTION CIRCULAR
EACH INCREMENT AN INCREASE
IN DIAMETER OF .5"

CPSES UNIT 1 RELIEF REQUEST B-17 Page 4 of 6

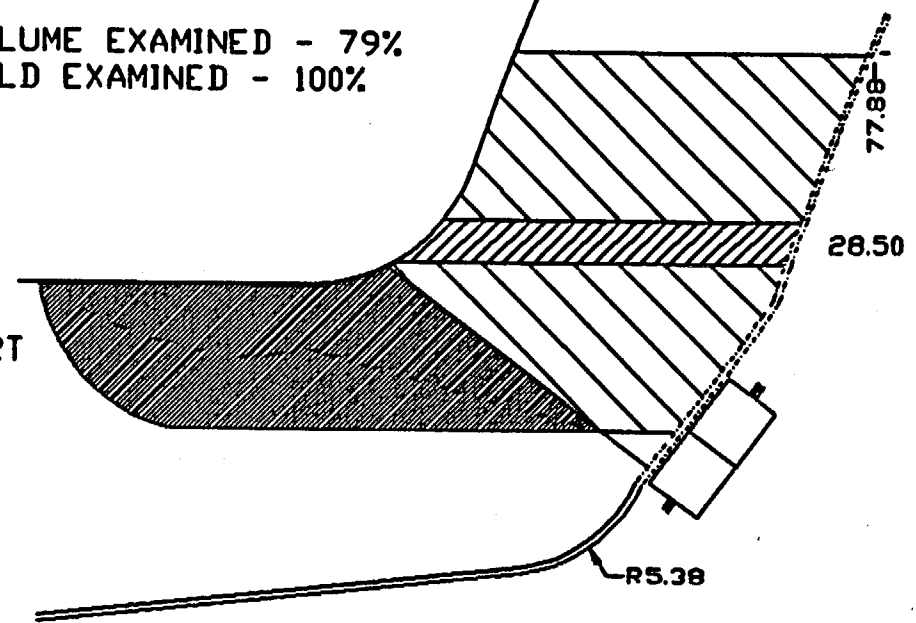
TBX REACTOR VESSEL ISI	SHEET TITLE: OUTLET NOZZLE TO SHELL
WesDyne International	SKETCH WDI-98-010
	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED
	SHEET OF

Westinghouse Proprietary Class 2C

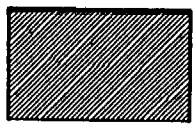



0°/180°
(ELEVATION)

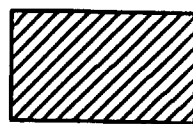
VOLUME EXAMINED - 79%
WELD EXAMINED - 100%



90°/270°
(PLAN)


AREA NOT COVERED


EXAM VOLUME

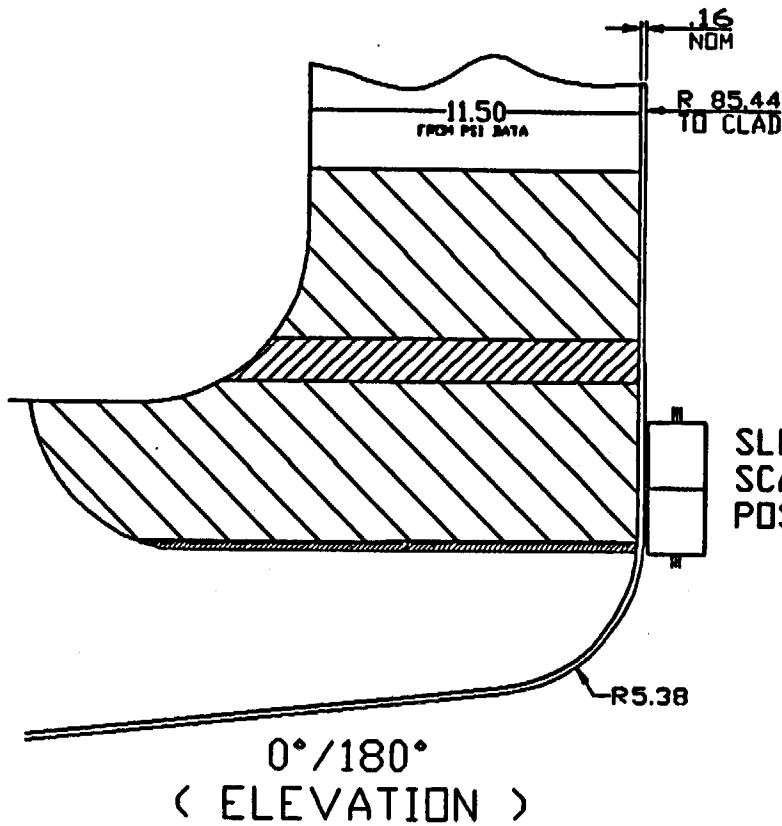

WELD

SCANNING MOTION CIRCULAR
EACH INCREMENT AN INCREASE
IN DIAMETER OF .5"

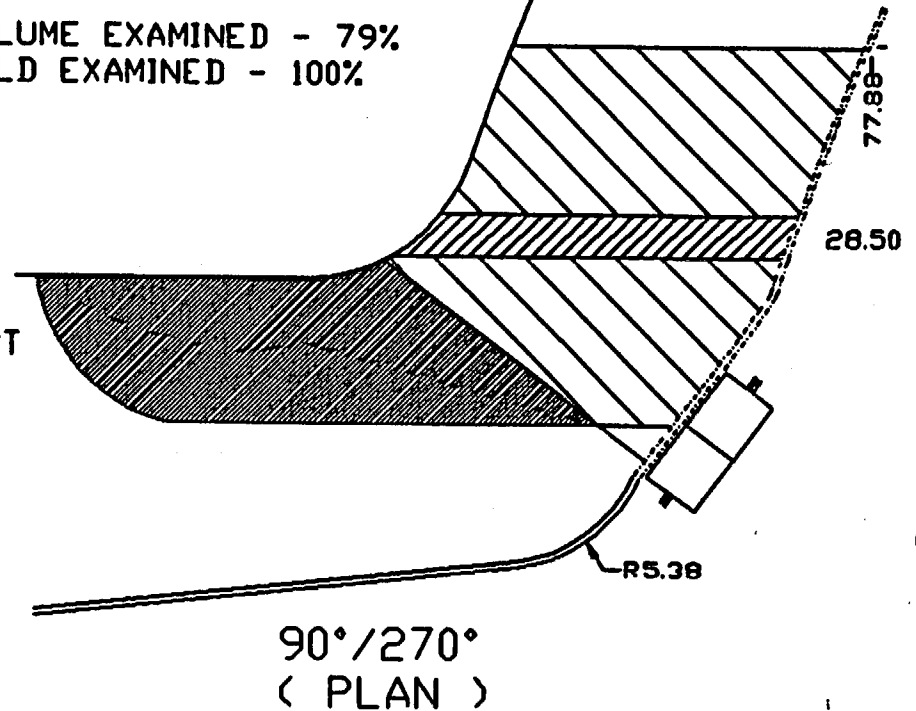
CPSES UNIT 1 RELIEF REQUEST B-17 Page 5 of 6

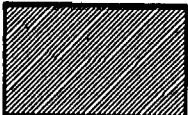
TBX REACTOR VESSEL ISI	SHEET TITLE	INLET NOZZLE TO SHELL
	SKETCH WDI-98-010	
WesDyne International	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED	SHEET OF


Westinghouse Proprietary Class 2C

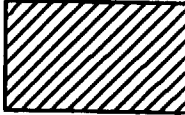


VOLUME EXAMINED - 79%
WELD EXAMINED - 100%




AREA NOT COVERED


EXAM VOLUME


WELD

SCANNING MOTION CIRCULAR
EACH INCREMENT AN INCREASE
IN DIAMETER OF .5"

CPSES UNIT 1 RELIEF REQUEST B-17 Page 5 of 6

TBX REACTOR VESSEL ISI	SHEET TITLE	INLET NOZZLE TO SHELL
		SKETCH WDI-98-010
WesDyne International	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED	SHEET OF

**CPSES UNIT 1
RELIEF REQUEST
B-17
(cont.)**

CPSES UNIT 1 REACOR VESSEL EXAMINATION COVERAGE ESTIMATES

<u>WELD IDENTIFICATION</u>	<u>COVERAGE ESTIMATE</u>	<u>CAUSE OF LIMITATION</u>
1 - flange to shell	95 %	flange configuration
2 - upper to intermediate shell	95 %	nozzle location
3 - intermediate to lower shell	100 %	
4 - lower shell to bottom head	61 %	6 - core support lugs
5 - lower head circumferential	75 %	instrumentation tubes
6 - upper shell longitudinal	91 %	nozzle location
7 - upper shell longitudinal	92 %	nozzle location
8 - upper shell longitudinal	100 %	
9 - intermediate shell longitudinal	100 %	
10 - intermediate shell longitudinal	100 %	
11 - intermediate shell longitudinal	100 %	
12 - lower shell longitudinal	100 %	
13 - lower shell longitudinal	100 %	
14 - lower shell longitudinal	100 %	
15 - bottom head meridional	97 %	instrumentation tubes
16 - bottom head meridional	100 %	
17 - bottom head meridional	94 %	instrumentation tubes
18 - bottom head meridional	100 %	
19, 22, 23, 26 - outlet nozzle to shell	100 % from nozzle 42 % from shell	nozzle configuration
19IR, 22IR, 23IR, 26IR - inner radius	95 %	nozzle configuration
20, 21, 24, 25 - inlet nozzle to shell	100 % from nozzle 79 % from shell	nozzle configuration
20IR, 21IR, 24IR, 25IR - inner radius	95 %	nozzle configuration

Appendix D

Owner's Report of NIS-2 Numbers

<u>NIS-2 No.</u>	<u>NIS-2 No.</u>	<u>NIS-2 No.</u>
1AF99-001	1FW-005	1RC-99-011
1AF99-002	1FW-006	1RC-99-012
1AF99-003	1FW-007	1RC-99-013
1AF99-004	1FW-008	1RC-99-014
1CC99-001	1FW-009	1RC-99-015
1CC99-002	1FW-010	1RC-99-016
1CC99-003	1FW-011	1RC-99-017
1CC99-004	1MS99-001	1RC-99-018
1CC99-005	1MS99-002	1RC-99-019
1CC99-006	1MS99-003	1RC-99-020
1CC99-007	1MS99-004	1RC-99-021
1CH99-001	1MS99-005	1SF-99-001
1CH99-002	1MS99-006	1SF-99-002
1CS99-001	1MS99-007	1SF-99-003
1CS99-002	1MS99-008	1SF-99-004
1CS99-003	1MS99-009	1SI99-001
1CS99-004	1MS99-010	1SI99-002
1CS99-005	1MS99-011	1SI99-003
1CS99-006	1MS99-012	1SI99-004
1CT99-001	1MS99-013	1SI99-005
1CT99-002	1MS99-014	1SI99-006
1CT99-003	1MS99-015	1SI99-007
1CT99-004	1MS99-016	1SI99-008
1DO-001	1MS99-017	1SI99-009
1DO-002	1MS99-018	1SI99-010
1DO-003	1RC-99-001	1SI99-011
1DO-004	1RC-99-002	1SI99-012
1DO-005	1RC-99-003	1SI99-013
1DO-006	1RC-99-004	1SI99-014
1DO-007	1RC-99-005	1SW99-001
1DO-008	1RC-99-006	1SW99-002
1FW-001	1RC-99-007	1SW99-003
1FW-002	1RC-99-008	1WP99-001
1FW-003	1RC-99-009	XXX99-001
1FW-004	1RC-99-010	XXX99-002

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

1. Owner TU Electric Date November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Fair Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# AF-1-1616
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Auxiliary Feedwater

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# AF-1-1616

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 1AF-0098	BORG WARNER 44565	N/A	1979	REPLACEMENT	YES	4-98-118449-00	REPLACED VALVE, NEW S/N UV 12980430-05, RR-24595
ITEM: 2 PIPING BRP-1-AF-SB-030B	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-98-118449-00	REWORKED PIPING TO AID IN VALVE INSTALLATION. CODE YEAR FOR PIPING: 1974 SUMMER 74

JH
12/16/99

24595

2

24595

IAF 99-001

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

Pg. 1 of 2

1. Manufactured and certified by Hayward Tyler Inc., 46 Roosevelt Hwy Colchester, Vt. 05446
(Name and address of N Certificate Holder)

2. Manufactured for T H Electric Fab, 3 miles N W. of GlenRoe, Ty 76043
(Name and address of Purchaser)

3. Location of installation Comanche Peak Station
(Name and address)

4. Model No., Series No., or Type TKZ-Y-0 Drawing 01-202-271 Rev. F CRN NA

5. ASME Code, Section III, Division 1: 1974 Winter 74 3 NA
(edition) (addenda date) (class) (Code Case no.)

6. Pump or valve Valve Nominal inlet size 4 Outlet size 1
(In.) (In.)

7. Material: Body SA216WCC Bonnet NA Disk SA566gr630 Bolting NA
H1150

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
UV12980430				
UV980490-01	365			
-02	366			
-03	367			
-04	368			
-05	369			
-06	370			
-07	371			
-08	372			

* 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 through 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.

PAGE 20 OF 47

FORM NPV-1 (Back - Pg. 2 of 2)

24595

Certificate Holder's Serial No. EGG PRFe 1 IAF9900

- 6. Design conditions NA (pressure) NA (temperature) °F or valve pressure class 900F (1)
- 8. Cold working pressure 2250 psi at 100°F
- 10. Hydrostatic test 3375 psi. Disk differential test pressure 2475 psi
- 11. Remarks: _____

CERTIFICATION OF DESIGN

Design Specification certified by J L Barker P.E. State TX Reg. no. 54460
 Design Report certified by _____ P.E. State _____ Reg. no. _____

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.
 N Certificate of Authorization No. N 2884 Expires 3/19/99
 Date 18 Mar 99 Name Hayward Tyler Inc Signed [Signature]
 (N Certificate Holder) (Authorized Representative)

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 VT and employed by Hartford Steam Boiler I & I of Hartford, CT have inspected the pump, or valve, described in this Data Report on 3/18/99, 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 3/18/99 Signed [Signature] Commissions NB 11421 (A) (N), VT 745
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# AF-1-1616
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date December 13, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# AF-1-1616

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 1AF-0106	BORG WARNER 44563	N/A	1979	REPLACEMENT	YES	4-98-118450-00	REPLACED VALVE, NEW S/N UV12980430-08, RR-24595
ITEM: 2 PIPING BRP-1-AF-SB-023	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-98-118450-00	REWORKED PIPING TO AID IN VALVE INSTALLATION. CODE YEAR 1974, SUMMER 74 ADDENDA

Jeh
12/16/99

24595

IAF 99-002

24595

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

Pg. 1 of 2

- 1. Manufactured and certified by Hayward Tyler Inc. 46 Roosevelt Hwy Colchester, Vt. 05446
(Name and address of N Certificate Holder)
- 2. Manufactured for T U Electric F-56, 5 miles N W of Glen Rose, Tx. 76043
(Name and address of Purchaser)
- 3. Location of Installation Comanche Peak Station
(Name and address)
- 4. Model No., Series No., or Type TKZ-Y-0 Drawing 01-202-271 Rev. F CRN NA
- 5. ASME Code, Section III, Division 1: 1974 Winter 74 1 NA
(edition) (addenda date) (class) (Code Case no.)
- 6. Pump or valve Valve Nominal inlet size 6 Outlet size 1
(in.) (in.)
- 7. Material: Body SA216WCC Bonnet NA Disk SA564gr630 Bolting NA
H1150

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
<u>UV12980430</u>				
<u>111980490-01</u>	<u>365</u>			
<u>-02</u>	<u>366</u>			
<u>-03</u>	<u>367</u>			
<u>-04</u>	<u>368</u>			
<u>-05</u>	<u>369</u>			
<u>-06</u>	<u>370</u>			
<u>-07</u>	<u>371</u>			
<u>-08</u>	<u>372</u>			

* 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 through 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.

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Certificate Holder's Serial No. EQE PAGE 1

- 8. Design conditions NA (pressure) psi NA (temperature) °F or valve pressure class 900# (1)
- 9. Cold working pressure 2250 psi at 100°F
- 10. Hydrostatic test 3375 psi. Disk differential test pressure 2475 psi
- 11. Remarks: _____

CERTIFICATION OF DESIGN

Design Specification certified by J L Barker P.E. State TX Reg. no. 54460
 Design Report certified by _____ P.E. State _____ Reg. no. _____

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.
 N Certificate of Authorization No. N 2884 Expires 3/19/99
 Date 18 Mar 99 Name Hayward Tyler Inc Signed [Signature]
 (N Certificate Holder) (Authorized representative)

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 VT and employed by Hartford Steam Boiler I & T of Hartford, Ct have inspected the pump, or valve, described in this Data Report on 3/18/99, 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 3/18/99 Signed [Signature] Commission NB 11421 (A) (N), VT 745
 (Authorized Inspector) (Nat'l Bd. Incl. endorsements) and state or prov. or no.)

(1) For manually operated valves only.

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# AF-1-1616
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilised for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays / CSMcup Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# AF-1-1616

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 1AF-0093	BORG WARNER 44566	N/A	1979	REPLACEMENT	YES	4-98-118452-00	REPLACED VALVE, NEW S/N UV12980430-02, RR-24595
ITEM: 2 PIPING BRP-1-AF-SB-029B	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-98-118452-00	REWORKED PIPING FOR VALVE INSTALLATION, WELDED TIE-BACK SUPPORT TO PIPING. CODE YR 1974 S74 ADDENDA

gh
12/16/99

FORM NPV-1 (Back - Pg. 2 of 1)

Certificate Holder's Serial No. See Page 1

- 8. Design conditions NA (pressure) NA (temperature) °F or valve pressure class 900# (1)
- 9. Cold working pressure 2250 psi at 100°F
- 10. Hydrostatic test 3375 psi. Diek differential test pressure 2475 psi
- 11. Remarks: _____

CERTIFICATION OF DESIGN

Design Specification certified by J L Barker P.E. State TX Reg. no. 54460
 Design Report certified by _____ P.E. State _____ Reg. no. _____

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.
 N Certificate of Authorization No. N 2884 Expires 3/19/99
 Date 18 Mar 99 Name Hayward Tyler Inc Signed [Signature]
 (N Certificate Holder) (Authorized Representative)

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 Vt and employed by Hartford Steam Boiler I & C of Hartford, Ct have inspected the pump, or valve, described in this Data Report on 3/18/99, 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 3/18/99 Signed [Signature] Commission NB 11421 (A) (N), Vt 745
 (Authorized Inspector) (Natl. Bd. Inspt. endorsement and state or prov. and no.)

(1) For manually operated valves only.

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Auxiliary Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# AP-1-1616

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Auxiliary Feedwater

Date December 7, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# AP-1-1616

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 1AF-0093 1AF-0300	BORG WARNER 44566	N/A	1979	REPLACEMENT	YES	4-99-124803-00	REMOVE INTERNALS, SEAL WELD BONNET, CHANGE TAG I.D. TO 1AF-0300

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CC-1-1649

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 1-HV-4574	FISHER CONTROLS BF228557	4329	1979	REPLACEMENT	YES	3-97-304232-01	TACK WELD TAPER PINS TO DISC

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

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

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

Expiration Date N/A
Reference N-5# CC-1-1649

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 1-HV-4514	FISHER CONTROLS BF 228549	4431	1979	REPLACEMENT	YES	3-97-321249-01	TACK WELD SET SCREWS TO RETAINING RING, TACK WELD PINS TO DISC

Jeh
12/10/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649

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 1-HV-4573	FISHER BF 228576	4903	1979	REPLACEMENT	YES	3-98-312950-01	TACK WELD PINS TO DISC

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed FBMays / CSMays Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649

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 1-HV-4512	FISHER BF 228547	4430	1979	REPLACEMENT	YES	3-99-321247-01	TACK WELD SET SCREWS TO RETAINING RING AND PINS TO DISC. REPLACE DISC

John
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner (or Owner's Designee, Title)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Component Cooling Water

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# CC-1-1649

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 1-HV-4513	FISHER BF 228548	4422	1979	REPLACEMENT	YES	3-99-321248-01	TACK WELD SET SCREWS TO RETAINING RING, PINS TO DISC

jh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III, 1974 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 16 December, 1999

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649

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 1-HV-4515	FISHER CONTROLS BF 228550	4432	1979	REPLACEMENT	YES	3-99-321250-01	TACK WELD SET SCREWS TO RETAINING RING

Jch
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# CC-1-1649

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 1CC-0172	POSI SEAL INTER. 11861-13M	N/A	1977	REPLACEMENT	YES	4-97-115121-00	SEAL WELDED DISC TO BODY

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CH-1-1597
4. Identification of System Chilled Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure 222.0 PSI psi Test Temp. 84.4 DEG. F °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Chilled Water

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# CH-1-1597

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 6-CH-1-031-152-2	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124861-00	RERATE PIPING
ITEM: 2 PIPING 6-CH-1-002-152-2	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124861-00	RERATE PIPING
ITEM: 3 VALVE 1-HV-6082	BWIP 18007	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74
ITEM: 4 VALVE 1-HV-6083	BWIP 14121	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74
ITEM: 5 VALVE 1-HV-6084	BWIP 16629	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74
ITEM: 6 VALVE 1CH-0024	BWIP 14118	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CH-1-1597
4. Identification of System Chilled Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases 1634-2
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CH-1-1597

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 CHILLER CPI-CHCICE-05	YORK 81962	53714	1979	REPLACEMENT	YES	3-98-337957-01	REPLACED STUDS AND NUTS

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays / Engineering Programs Supervisor Date 12-11, 19 99
Owner/or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Chemical & Volume Control

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organisation P.O. No., Job No., etc...

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

Expiration Date N/A
Reference N-5# CS-1-1633

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 1-TCV-0381B	COPEX-VULCAN 7620-95371-251-1	1056	1977	Repair/ REPLACEMENT	YES	1-99-124651-00	MACHINED BONNET GASKET STEP, REPLACED PLUG

Jeh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays / Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

Date 16 December, 1999

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 December 14, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases 1553-1
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May RB May /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

Date December 14, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# CS-1-1633

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 1-8470	WESTINGHOUSE SEE DESCRIPTION	W11920	1976	REPLACEMENT	YES	3-98-338891-02	REPLACED BONNET NUTS, RR-25363, S/M 03000CS8200000002S740155

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays ASMap / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Joe C. Hair Commissions Texas 1010
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CS-1-1633

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 1-HCV-0128	COPEX-VULCAN 7620-95371-213-1	980	1977	REPLACEMENT	YES	4-98-120541-00	MACHINED BONNET FOR GASKET MOD, REPLACED PLUG

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Chemical & Volume Control

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633

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 1-8511B	VELAN 836335	N/A	1983	REPLACEMENT	YES	4-99-126825-00	REPLACED DISC

John
12/16/99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CC-1-1649

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 1-HV-4515	FISHER CONTROLS BF 228550	4432	1979	REPLACEMENT	YES	3-99-321250-01	TACK WELD SET SCREWS TO RETAINING RING

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name) TU ELECTRIC
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CC-1-1649
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CC-1-1649

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 1CC-0172	POSI SEAL INTER. 11861-13M	N/A	1977	REPLACEMENT	YES	4-97-115121-00	SEAL WELDED DISC TO BODY

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CH-1-1597
4. Identification of System Chilled Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure 222.0 PSI psi Test Temp. 84.4 DEG. F °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Chilled Water

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# CH-1-1597

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 6-CH-1-031-152-2	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124861-00	RERATE PIPING
ITEM: 2 PIPING 6-CH-1-002-152-2	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124861-00	RERATE PIPING
ITEM: 3 VALVE 1-HV-6082	BWIP 18007	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74
ITEM: 4 VALVE 1-HV-6083	BWIP 14121	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74
ITEM: 5 VALVE 1-HV-6084	BWIP 16629	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74
ITEM: 6 VALVE 1CH-0024	BWIP 14118	N/A	1976	REPLACEMENT	YES	2-99-124861-00	RERATED VALVE. CODE YEAR 1974, WINTER 74

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CH-1-1597
4. Identification of System Chilled Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases 1634-2
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CH-1-1597

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 CHILLER CP1-CHCICE-05	YORK 81962	53714	1979	REPLACEMENT	YES	3-98-337957-01	REPLACED STUDS AND NUTS

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner/or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CS-1-1633

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 1-TCV-0381B	COPEES-VULCAN 7620-95371-251-1	1056	1977	Repair/ REPLACEMENT	YES	1-99-124651-00	MACHINED BONNET GASKET STEP, REPLACED PLUG

feh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

Inspector's Signature Joe C. Hair Commissions Texas 1050
National Board, State, Province, and Endorsements

Date 16 December, 1999

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 December 14, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases 1553-1
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

Date December 14, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# CS-1-1633

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 1-8470	WESTINGHOUSE SEE DESCRIPTION	W11920	1976	REPLACEMENT	YES	3-98-338891-02	REPLACED BONNET NUTS, RR-25363, S/N 03000CS8200000002S740155

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Conanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMay /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Joe C. Hair Commissions Texas 1010
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

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

Unit 1

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

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

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

Expiration Date N/A
Reference N-5# CS-1-1633

4. Identification of System Chemical & Volume Control

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 1-HCV-0128	COPEX-VULCAN 7620-95371-213-1	980	1977	REPLACEMENT	YES	4-98-120541-00	MACHINED BONNET FOR GASKET MOD, REPLACED PLUG

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
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Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays BbMay /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 1999

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

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(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Chemical & Volume Control

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633

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 1-8511B	VELAN 836335	N/A	1983	REPLACEMENT	YES	4-99-126825-00	REPLACED DISC

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
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Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633
4. Identification of System Chemical & Volume Control
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Moys RB Moys /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 1999

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

- 1. Owner TU Electric
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Farm Rd. 56, 5 miles North of Glen Rose, Texas
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(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
- 4. Identification of System Chemical & Volume Control

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CS-1-1633

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 1-8510B	CROSBY N66785-00-0022	N/A	1991	REPLACEMENT	YES	5-99-500458-AA	REPLACED DISC INSERT, NOZZLE

Joh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CT-1-1642
4. Identification of System Containment Spray
5. (a) Applicable Construction Code Sec III 19 77 Edition, WINTER 78 Addenda, Code Cases 1644-7
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays / AS Mays Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

Date 16 December, 1999

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CT-1-1642

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 CT-1-RB-018B-010-2	PACIFIC SCIENTIFIC 27623	N/A	1982	REPLACED	YES	1-98-121124-00	REPLACED SNUBBER, NEW S/N 26122

feh
12/16/99

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(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 Containment Spray Reference N-5# CT-1-1642
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays Sr Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

Date 16 December, 19 99

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

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

Date December 7, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# CT-1-1642

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 1-HV-4776	BORG WARNER 28537	N/A	1978	REPLACEMENT	YES	4-98-118030-00	REPLACED GATE, WELDED IN-BODY GATE GUIDES, REPLACED BOLT & NUTS

feh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# CT-1-1642
4. Identification of System Containment Spray
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
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7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
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Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

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

Date 16 December, 19 99

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

1. Owner TU Electric
(Name)
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(Address)
4. Identification of System Containment Spray

Date December 8, 1999
Sheet 2 of 2
Unit 1

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

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

Expiration Date N/A
Reference N-5# CT-1-1642

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 1CT-0013	BORG-WARNER 44106	N/A	1978	REPLACEMENT	YES	4-98-121233-00	MACHINED BONNET

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Containment Spray
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CT-1-1642

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner/ or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# CT-1-1642

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 CP1-CTVBCA-01	CROSBY N61193-00-0001	N/A	1978	REPLACEMENT	YES	S-99-500135-AB	REPLACED DISC

juh
12/16/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

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

Signed RB Mays /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Diesel Generator Auxiliary

Date December 13, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# DO-1-1449

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 1DO-0058	ROCKWELL BF009	N/A	1981	REPLACEMENT	YES	1-96-100954-00	REPLACED VALVE, NEW S/N 33AIX, RR-21134
ITEM: 2 VALVE 1DO-0063	ROCKWELL BF011	N/A	1981	REPLACEMENT	YES	1-96-100954-00	REPLACED VALVE, NEW S/N 36AIX, RR-21134
ITEM: 3 PIPING BRP-DO-1-DG-043	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	1-96-100954-00	REPLACED PIPING TO AID IN VALVE REPLACEMENT. CODE YR FOR PIPING: 1974, S74, NO CODE CASES

gh
12/16/99

F. CORRECTED CERTIFICATION
PAGE 1 OF 2
1.0099-001

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

1. Manufactured by EDWARD VALVES INC, 1900 S. SAUNDERS ST., RALEIGH, NC 27609
(Name and Address of N Certificate Holder)

2. Manufactured for TEXAS UTILITIES ELECTRIC CO, P.O. Box 1002 GLEN ROSE TX 76043
(Name and Address of Purchaser or Owner)

3. Location of Installation COMANCHE PEAK, S.E., GLEN ROSE TX 76043
(Name and Address)

4. Pump or Valve VALVE Nominal Inlet Size 1 1/2 Outlet Size 1 1/2
(inch) (inch)

(a) Model No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1) <u>AB3BYT2</u>	<u>35AIX</u>	<u>N/A</u>	<u># 171026 R/D</u>	<u>2</u>	<u>N/A</u>	<u>1997</u>
(2) <u>↓</u>	<u>34AIX</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
(3) <u>↓</u>	<u>38AIX</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
(4) <u>AB3BYT2</u>	<u>36AIX</u>	<u>N/A</u>	<u># 171026 R/D</u>	<u>2</u>	<u>N/A</u>	<u>1997</u>
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						

5. CHECK VALVE
(Brief description of service for which equipment was designed) S.O. 36-4/3588

6. Design Conditions 940 psi 700 °F or Valve Pressure Class 600 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 1440 psi at 100°F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
(b) Forgings			
<u>6CSB</u>	<u>SA 105</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>* 6YKA</u>	<u>SA 105</u>	<u>TRINITY FORGE</u>	<u>COVER</u>
<u>21861</u>	<u>A565 GR 616</u>	<u>DUPRE SERVICES</u>	<u>DISK</u>

(1) For manually operated valves only.

* Supplemental sheets in form of flats, 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.

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting	PC 14 SA193 GR B7	TEXAS BOLT	1 DO 99-001 CAP SCREW
(d) Other Parts			

9. Hydrostatic test 2175 psi. Disk Differential test pressure 1440 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, Edition 1974, Addenda SUMMER 1975 (Date), Code Case No. N/A, Date 3/14/97.

Signed EDWARD VALVES INC. (N Certificate Holder) by DR. [Signature]

Our ASME Certificate of Authorization No. N-1562 to use the "N" symbol expires 11/24/97 (Date).

CERTIFICATION OF DESIGN

Design information on file at EDWARD VALVES INC, RALEIGH, NC 27603

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) MATTHEW B DILORENZO

PE State TX Reg. No. 66058

Stress analysis certified by (1) _____

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 NORTH CAROLINA and employed by HSBT AT Co. of HARTFORD, CT have inspected the pump, or valve, described in this Data Report on 2-20 1997, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-14 1997 (Inspector) _____ Commissions NC1083 (Nat'l Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

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

Unit 1

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

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# DO-1-1449

4. Identification of System Diesel Generator Auxiliary

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 TANK CPI-DOATST-01	CB&I G1587	4320	1979	REPLACEMENT	YES	4-99-123299-00	ADD VENT HOLES IN FILL LINE

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC Type Code Symbol Stamp N/A
(Name) Authorization No. N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 (Address) Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# DO-1-1449

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 TANK CPI-DOATST-02	CB&I G1586	4231	1979	REPLACEMENT	YES	4-99-123300-00	DRILLED VENT HOLES IN FILL PIPE

Jeh
12/18/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

Date 16 December, 19 99

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As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
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2. Plant Comanche Peak Steam Electric Station (CPSSES)
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(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Diesel Generator Auxiliary

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449

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 1D0-0116	CROSBY N60538-00-0007	N/A	1979	REPLACEMENT	YES	4-99-124710-00	REPLACED NOZZLE

Jeh
12/16/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101(1712)
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May / GB May / Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date December 13, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# DO-1-1449

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 1D0-0062	ROCKWELL BF010	N/A	1981	REPLACED	YES	4-99-125765-00	REPLACED VALVE, NEW S/N 34AIX, RR-21134
ITEM: 2 PIPING BRP-DO-1-DG-042	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-99-125765-00	REWELD DUE TO VALVE INSTALLATION. CODE YEAR 1974 SUMMER 74 ADDENDA

feh
12/16/99

* CORRECTED CERTIFICATION
PAGE 1 OF 2
DC
5/4/97

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

1D099-005

1. Manufactured by EDWARD VALVES INC, 1900 S. SAUNDERS ST., RALEIGH, NC 27608
(Name and Address of N Certificate Holder)
2. Manufactured for TEXAS UTILITIES ELECTRIC CO, P.O. BOX 1002 GLEN ROSE TX 76043
(Name and Address of Purchaser or Owner)
3. Location of Installation COMANCHE PEAK, S.E., GLEN ROSE TX 76043
(Name and Address)
4. Pump or Valve VALVE Nominal Inlet Size 1 1/2 Outlet Size 1 1/2
(inch) (inch)

(a) Model No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1) <u>AB3BYT2</u>	<u>35AIX</u>	<u>N/A</u>	<u># 171026 R/D</u>	<u>2</u>	<u>N/A</u>	<u>1997</u>
(2) <u>↓</u>	<u>34AIX</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
(3) <u>↓</u>	<u>38AIX</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
(4) <u>AB3BYT2</u>	<u>36AIX</u>	<u>N/A</u>	<u># 171026 R/D</u>	<u>2</u>	<u>N/A</u>	<u>1997</u>
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						

5. CHECK VALVE
(Brief description of service for which equipment was designed) S.O. 36-43588

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

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
(b) Forgings			
<u>6CSB</u>	<u>SA 105</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>* 6YKA</u>	<u>SA 105</u>	<u>TRINITY FORGE</u>	<u>COVER</u>
<u>21861</u>	<u>A565 GR 616</u>	<u>DUBOSE SERVICES</u>	<u>DISK</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.

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting	<u>PC 14</u>	<u>SA193 GR B7</u>	<u>TEXAS BOLT</u>
			<u>1 DO 99-005</u>
			<u>CAP. SCREW</u>
(d) Other Parts			

9. Hydrostatic test 2175 psi. Disk Differential test pressure 1440 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, Edition 1974, Addenda SUMMER 1975, Code Case No. N/A, Date 3/14/97.

Signed Edward Valves Inc. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the "N" (N) symbol expires 11/26/97 (Date).

CERTIFICATION OF DESIGN

Design information on file at Edward Valves Inc, Raleigh, NC 27603
Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) MATTHEW B DILORENZO
PE State TX Reg. No. 66058

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

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 NORTH CAROLINA and employed by HSBT & T Co. of HARTFORD, CT have inspected the pump, or valve, described in this Data Report on 2-20 19 97, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date [Signature] 3-14 19 97 (Inspector) Commissions NC1083 (Natl Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101(1712)
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner/Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# DO-1-1449

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 1D0-0061	ROCKWELL BF007	N/A	1981	REPLACED	YES	4-99-126999-00	REPLACED VALVE, NEW S/N 53AIZ, RR-21327
ITEM: 2 VALVE 1D0-0064	ROCKWELL BF012	N/A	1981	REPLACED	YES	4-99-126999-00	REPLACED VALVE, NEW S/N 98AOW, RR-25503
ITEM: 3 PIPING BRP-DO-1-DG-049	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-99-126999-00	REWELED PIPING TO SUPPORT VALVE INSTALLATION. ORIG CONST CODE 1974 SUMMER 74 ADDENDA, CODE CASE: N/A

Jeh
12/16/99

RR 21327

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

1. Manufactured by Edward Valves Inc., 1900 S. Saunders St., Raleigh, NC 27603 1D099-006
(Name and Address of N Certificate Holder)

Manufactured for TEXAS UTILITIES ELECTRIC CO., P.O. BOX 1002 GLEN ROSE TX 76043
(Name and Address of Purchaser or Owner)

3. Location of Installation COMANCHE PEAK, S.E.S., GLEN ROSE TEXAS 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 1.5" Outlet Size 1.5"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	A838YT1	S3AIZ	N/A	170880/B	1	N/A	1997
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. **1.5" CHECK VALVE**
(Brief description of service for which equipment was designed) 36-78449

6. Design Conditions 940 psi 700 °F or Valve Pressure Class 600 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 1440 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
<u>21861-1314</u>	<u>A565GR616</u>	<u>DUBOSE ENERGY</u>	<u>DISK</u>
(b) Forgings			
<u>6CSA</u>	<u>SA 105</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>6YKA</u>	<u>SA 105</u>	<u>TRINITY FORGE</u>	<u>BONNET</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.

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			<u>10099-006</u>
<u>PC14</u>	<u>SA193 GR B7</u>	<u>TEXAS BOLT</u>	<u>CAP SCREW</u>
(d) Other Parts			

9. Hydrostatic test 2150 psi. Disk Differential test pressure 1440 psi.

CERTIFICATE OF COMPLIANCE

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

Addenda SUM 1975, Code Case No. N/A, Date 3/27/97

Signed Edward Valves Inc. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-97
(Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VALVES INC
 Stress analysis report (Class 1 only) on file at EDWARD VALVES INC
 Design specifications certified by (1) MATTHEW B LORENZO
 PE State TX Reg. No. 66058
 Stress analysis certified by (1) SL ADAMS III
 PE State NC Reg. No. 4187

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 3/27/97, and state that, to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/27/97

Signed [Signature] Commissions NC1083
(Inspector) (Nat'l Bd., State, Prov. and No.)

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

2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX. 75221-0020 170 99-006
(Name and Address of Purchaser or Owner)

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

4. Pump or Valve Valve Nominal Inlet Size 1 1/2" Outlet Size 1 1/2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Std. No.	(g) Year Built
(1)	A838YT2	98AOW	N/A	171026 / 0	2	N/A	1999
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. 1 1/2" CHECK VALVE
(Brief description of service for which equipment was designed)

12768

Design Conditions 940 psi 700 °F or Valve Pressure Class 600 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 1440 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
(b) Forgings			
6CSB	SA 105	TRINITY FORGE	BODY
6YKA	SA105	TRINITY FORGE	COVER
139362-1868	A565 GR 616	COULTER STEEL	DISK

(1) For manually operated valves only

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

PAGE 9 OF 35 3

Valve S/N 98AOW through

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			<u>100 99-006</u>
<u>PC14</u>	<u>SA193 GR B7</u>	<u>TEXAS BOLT</u>	<u>CAP SCREW</u>
(d) Other Parts			

8. Hydrostatic test 2175 psi. Disk Differential test pressure 1440 psi.

CERTIFICATE OF COMPLIANCE

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

Addenda SUM 1975, Code Case No. N/A, Date 10/15/99
Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

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

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO.
Stress analysis report (Class 1 only) on file at _____
Design specifications certified by (1) MATTHEW B DILORENZO
PE State TX Reg. No. 66058
Stress analysis certified by (1) _____
PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 10/15/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 a 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 10/15/99
Inspected by [Signature] (Inspector) Commissions NC 1083
(Natl Bd., State, Prov. and No.)

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

1. Owner TU Electric (Name) Date December 8, 1999
P.O. Box 1002, Glen Rose, TX 76043 (Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC (Name) TU ELECTRIC
P.O. BOX 1002, GLEN ROSE, TX 76043 (Address) Repair Organization P.O. No., Job No., etc...
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A
 Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Diesel Generator Auxiliary

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449

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 1D0-0187	CROSBY N60538-00-0003	N/A	1979	REPLACED	YES	5-99-504759-AB	REPLACED NOZZLE

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# DO-1-1449
4. Identification of System Diesel Generator Auxiliary
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed FB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC

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

Type Code Symbol Stamp N/A

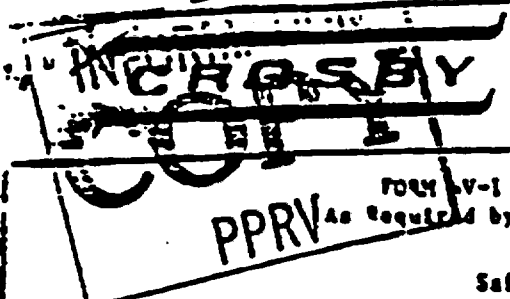
Authorization No. N/A

Expiration Date N/A

Reference N-5# DO-1-1449

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 1D0-0287	CROSBY N60538-00-0012	N/A	1979	REPLACEMENT	YES	5-99-504761-AB	REPLACE VALVE, NEW S/N N60538-00-0009, REPLACED CAP STUD & CAP STUD NUT, RR-25249, VL-99-850, VL-99-1279

Feb
12/16/99



CROSBY VALVE & GAGE COMPANY
 WRENTHAM, MASS

RIR 16514

FORM V-1 FOR SAFETY AND SAFETY RELIEF VALVES
 As Required by the Provisions of the ASME Code Rules

Q.C.-440

10099-008

DATA REPORT
Safety and Safety Relief Valves

1. Manufactured By Crosby Valve & Gage Company, 63 Kendrick St., Wrentham, MA 02093
 Name and Address

Model No. JO-25-WR Order No. N71674 Contract Date 2/22/77 National Board No. ---
Delaval Engine & Compressor Div.

2. Manufactured For Box 2273, Oakland, CA Order No. 75324
 Name and Address

3. Owner Texas Utilities Services Inc., Comanche Peak Steam Electric Station
 Name and Address

4. Location of Plant Texas Utilities Generating Co.

5. Valve Identification 76001-132 Serial No N60538-00-0009 Drawing No DS-C-60538 Rev. A
 Type Relief Orifice Size F Pipe Size --- Inlet 1 1/2 Outlet 2
Safety, Safety Relief, Pilot, Inch Inch Inch Inch
Power Actuated

6. Set Pressure (psig) 75 150 F
 Rated Temperature

Sealed Capacity 35 GPM Water 10 % Overpressure --- Blowdown (psig) 10% S.P.

Hydrostatic Test (psig) Inlet 115 Outlet 100
 (Applicable to Valves for Closed Systems Only)

Pressure Retaining Pieces

	Serial No. Identification	Material Specification Including Type or Grade
a. Castings		
Body	<u>N92149-31-0005</u>	<u>ASME SA216 Gr. WCB</u>
Bonnet	<u>N92150-33-0012</u>	<u>ASME SA216 Gr. WCB</u>
b. Bar Stock & Forgings		
Support Rods		
Nozzle	<u>N90644-36-0028</u>	<u>ASME SA479 Type 304</u>
Disc <u>K57231-38-0074</u>	<u>N90604-40-0077</u>	<u>ASME SA479 Type 304</u>
Spring Washers	<u>N90997-46-1053</u>	<u>ASME SA479 Type 410</u>
Adjusting Bolt	<u>N90997-46-1075</u>	<u>ASME SA479 Type 410</u>
Spindle Point	<u>N90254-50-0426</u>	<u>ASTM A193-71 Gr. B6</u>
<u>K58639-36-0030</u>	<u>N90391-50-0089</u>	<u>ASME SA193 Gr. B6</u>
c. Spring	<u>NX2940-0019</u>	<u>ASTM A229-71 Class 1</u>
d. Bolting		
e. Other Pieces		
Stud	<u>81033</u>	<u>ASME SA193 Gr. B7</u>
Nut	<u>2314</u>	<u>ASME SA194 Gr. 2H</u>

1D099-008

RIR 16514

N60538-00-0007

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this valve conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, 1974 Edition, Addenda Summer 1976, Code Case No. _____

Class 3 (Date) _____

Date 8/28/79 Signed Crosby Valve & Gage Co. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. 1878 to use the NV symbol expires September 30, 1980.
(Date)

CERTIFICATION OF DESIGN

Design information on file at Crosby Valve & Gage Company

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by ¹ Jesse W. Kehres

PE State California Reg. No. M18451

Stress report certified by ¹ _____

PE State --- Reg. No. _____

¹Signature not required - list name only.

INFORMATION
COPY
PPRV

CERTIFICATE OF SHOP 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 Massachusetts and employed by Factory Mutual Systems* of Norwood, Massachusetts have inspected the pump, or valve, described in this Data Report on OCT 5, 1979 and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warrant, 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date OCTOBER 5, 1979

Signed [Signature] Commissions MASS 1266
(Inspector) (Nat'l. Bd., State, Prov. and No.)

*Arkwright-Boston Manufacturers Mutual Insurance Company - Mutual Boiler & Machinery Div.

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 13, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# FW-1-1650

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-FW-1-RB-002	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124730-00	WELDED TIEBACK TO PIPING

John
12/16/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date December 13, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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-FW-1-RB-004	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124731-00	ATTACH TIE-BACK TO PIPE

feh
12/14/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed EB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

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

Unit 1

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

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# FW-1-1650

4. Identification of System Feedwater

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-FW-1-RB-003	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124732-00	ATTACHED TIE-BACK TO PIPE

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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-FW-1-RB-001	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124734-00	WELDED TIE-BACK SUPPORT TO PIPE, REMOVED CODE DATA PLATE

Jeh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name) TU ELECTRIC
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 8, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# FW-1-1650

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 SUPPORT FW-1-019-702-C42K	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124902-00	INSTALL SLUDGE LANCE PLATFORM TO SUPPORT

JH
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Authorisation No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 16 December, 1999

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 SUPPORT FW-1-018-701-C52K	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124909-00	INSTALL SLUGE LANCE PLATFORM TO SUPPORT
ITEM: 2 SUPPORT FW-1-018-719-C42K	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124909-00	INSTALL SLUGE LANCE PLATFORM TO SUPPORT

John
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12. 11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 (Address)
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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 1-FV-2195	FISHER 7459387	6153	1981	REPLACEMENT	YES	3-97-302436-01	REPLACED PRIMARY PLUG, PILOT PLUG, MACHINED PILOT PLUG

John
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Feedwater

Date November 30, 1999
Sheet 2 of 2
Unit 1

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

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

Expiration Date N/A
Reference N-5# FW-1-1650

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 1-HV-2186	FISHER 7509004	6245	1981	REPLACEMENT	YES	3-97-302508-01	REPLACED PRIMARY & PILOT PLUG

Jeh
11/30/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed R B Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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 1FW-0210	BWIP 72237	N/A	1981	REPAIR	YES	4-96-106654-00	MACHINED BONNET SEAL AREA

Jch
12/10/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650
4. Identification of System Feedwater
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Joe C. Hair Commissions Texas 1680
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 1999

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# FW-1-1650

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 1FW-0070	ROCKWELL NC-74	318	1978	REPLACEMENT	YES	5-99-504991-AB	MACHINE BODY BORE, MACHINE BONNET

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N101(1712)
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N 416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

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

Signed RBMays Bill May /Engineering Programs Supervisor Date 12-11 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

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 1MS-0671	ROCKWELL BL309	N/A	1983	REPLACEMENT	YES	1-98-121379-00	REPLACED VALVE, S/N 48AOL, RR-25228
ITEM: 2 PIPING BRP-MS-1-RB-010	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	1-98-121379-00	REWORKED PIPING TO AID IN VALVE INSTALLATION. CODE YEAR 1974, S74 CC: NONE

Jeh
12/16/99

25228

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

25228

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603 1/15/99-001
(Name and Address of N Certificate Holder)

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

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

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

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

5. **2" GLOBE VALVE**
(Brief description of service for which equipment was designed)
11313

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

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

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
<u>L</u>	<u>A732 GR 21</u>	<u>CONSOLIDATED CAST</u>	<u>DISK</u>
(b) Forgings			
<u>7HUB</u>	<u>SA182 GRF316</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>12378</u>	<u>SA479 T316</u>	<u>DUBOSE ENERGY</u>	<u>BONNET</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.

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N101(1712)
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N 416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

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

Signed RB May / OB May / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co.
of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

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 1MS-0672	EDWARDS 87AHG	N/A	1995	REPLACEMENT	YES	1-98-121380-00	REPLACED VALVE, NEW S/N 47AOL, RR-25228
ITEM: 2 PIPING BRP-MS-1-RB-012	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	1-98-121380-00	REPLACED PIPING FOR VALVE INSTALLATION. CODE YEAR 74, S74, CODE CASES: N/A

Jeh
12/11/99

25228

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

~~25228~~
25228

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

Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020 111599-002
(Name and Address of Purchaser or Owner)

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

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

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

5. 2" GLOBE VALVE
(Brief description of service for which equipment was designed) 11313

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

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

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
<u>L</u>	<u>A732 GR 21</u>	<u>CONSOLIDATED CAST</u>	<u>DISK</u>
(b) Forgings			
<u>7HUB</u>	<u>SA182 GRF316</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>12378</u>	<u>SA479 T316</u>	<u>DUBOSE ENERGY</u>	<u>BONNET</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.

25228

Valve S/N 47AOL through 48AOL

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
			1M599-002
(d) Other Parts			

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

CERTIFICATE OF COMPLIANCE

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

Standard SUM 1975, Code Case No. N/A Date 8/27/99
 Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

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

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO.
 Stress analysis report (Class 1 only) on file at _____
 Design specifications certified by (1) MATTHEW B DILORENZO
 PE State TX Reg. No. 66058
 Stress analysis certified by (1) _____
 PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 8 1 2 7 1 9 9, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 8 1 2 7 1 9 9

[Signature]
 (Inspector)

Commissions 5656 BNA NC 1447
(Natl Bd., State, Prov. and No.)

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

1. Owner TU Electric Date November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed FB Mays CP Mays / Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

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

Unit 1

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

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

4. Identification of System Main Steam

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 1-PV-2325	FISHER 6560728	5128	1979	REPLACEMENT	YES	2-94-067053-00	REPLACED BONNET, STUDS & NUTS, PLUG

John
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays / Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1995 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 SUPPORT (SNUBBER) MS-1-240-003-S73K	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	DCN-8706 2-96-100820-00	DECLASSIFIED SUPPORT TO CLASS 5, NEW SUPPORT #MS-1-240-003-S75K

Jel
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Joe C. Hair Commissions Texas 1040
National Board, State, Province, and Endorsements

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

Item Number Name of Component Component Identification Other Identification	Manufacturer's Name and Serial Number	Nat'l Board No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	Authorizing Document	Description of Work
ITEM: 1 SUPPORT MS-1-074-016-C52K	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-99-124735-00	WELD REAR BRACKET TO PLATE

John
12/16/99

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

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

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

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

Date November 30, 1999

Sheet 1 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

4. Identification of System Main Steam

5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached

8. Tests Conducted: Hydrostatic Pressure Pneumatic NOP Nominal Operating Pressure Other

Test Temp. NOT

9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

REPLACEMENT
repair or replacement

CERTIFICATE OF INSERVICE INSPECTION

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

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

Inspector's Signature Jac C. Hair Commissions TEXAS 1060
Date 16 December, 19 99 National Board, State, Province, and Endorsements

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

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 1-HV-2452-2	FISHER 6511674	4745	1979	REPLACEMENT	YES	4-97-112959-00	MACHINE BODY TO ALLOW FOR INSTALLATION OF NEW LOWER SEAL ASSEMBLY

Jph
12/16/99

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

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

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

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

Date November 30, 1999

Sheet 1 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

4. Identification of System Main Steam

5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT _____

9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBM/cap / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Joe P. Hair Commissions Texas 1040
National Board, State, Province, and Endorsements

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648

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 1-HV-2452-1	FISHER 6511673	4744	1979	REPLACEMENT	YES	4-97-112960-00	REPLACED PLUG MACHINE BODY FOR NEW SEAL ASSEMBLY

Jch
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May / Engineering Programs Supervisor Date 12-16, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date December 16, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

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 1MS-0022	CROSBY NS9401-00-0025	N/A	1980	REPAIR	YES	4-99-124668-00	MACHINED DISC INSERT AND NOZZLE SEATING SURFACES

feh
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Joe P. Hair Commissions Texas 1080
Date 16 December, 1999 National Board, State, Province, and Endorsements

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

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

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

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

4. Identification of System Main Steam

Date December 16, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

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 1MS-0130	CROSBY N59401-00-0028	N/A	1980	REPAIR	YES	4-99-124669-00	MACHINED DISC INSERT AND NOZZLE SEATING SURFACES

John
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 16, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648

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 1-MS-0131	CROSBY N59401-00-0032	N/A	1980	REPAIR	YES	4-99-125789-00	MACHINE DISC INSERT & NOZZLE SEATING SURFACES

Jeh
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays ASME / Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 16, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

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 1MS-0062	CROSBY N59401-00-0034	N/A	1980	REPAIR	YES	4-99-125790-00	MACHINED DISC INSERT AND NOZZLE SEATING SURFACES

JL
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May / Engineering Programs Supervisor Date 12-16, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Main Steam

Date December 16, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

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)	Authorising Document	Description of Work
ITEM: 1 VALVE IMS-0133	CROSBY N59401-00-0035	N/A	1980	REPAIR	YES	4-99-125791-00	MACHINED DISC INSERT & NOZZLE SEATING SURFACES

feh
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May RB May /Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 16, 1999
Sheet 2 of 2
Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

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 1MS-0058	CROSBY N59401-00-0022	N/A	1980	REPAIR	YES	4-99-125792-00	MACHINED DISC INSERT AND NOZZLE SEATING SURFACE

Jeh
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays CB Mays /Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 16, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648

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 1MS-0129	CROSBY N59401-00-0024	N/A	1980	REPAIR	YES	4-99-125796-00	MACHINE DISC INSERT AND NOZZLE SEATING SURFACES

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# MS-1-1648

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 MS-1-073-009-CS2K	PACIFIC SCIENTIFIC 12150	N/A	1980	REPLACED	YES	4-99-127159-00	REPLACED SNUBBER, NEW S/N 10293, RR-16686

Jeh
12/16/99

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
4. Identification of System Main Steam Expiration Date N/A
Reference N-5# MS-1-1648
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 7, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648

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 1-PV-2328	FISHER 6560731	5131	1979	REPLACEMENT	YES	2-94-067056-00	REPLACED BONNET, STUDS & NUTS, PLUG

Jch
12/16/99

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

Date December 7, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648

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 1-PV-2327	FISHER 6560730	5130	1979	REPLACEMENT	YES	2-94-067055-00	REPLACED BONNET, STUDS & NUTS, PLUG

JLH
12/16/99

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# MS-1-1648
4. Identification of System Main Steam
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays PE/MEP /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Main Steam

Date December 7, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# MS-1-1648

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 1-PV-2326	FISHER 6560729	5129	1979	Repair/ REPLACEMENT	YES	2-94-067054-00	REPLACED BONNET, STUDS & NUTS, PLUG. REMOVED RAISED METAL ON FLANGE FACE

Jeb
12/16/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1493-1, 1355, 1484, 1528
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May's RB May's /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date December 13, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

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 TBX-RCPCSG-01 TBX-RCESSG-01 LS-1 & LB-1	WESTINGHOUSE 2191	W18585	1978	REPLACEMENT	YES	2-99-124902-00	INSTALL SLUGE LANCE PLATFORM BY WELDING TO LOWER LATERAL SUPPORTS

feh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484, 1528, 1493-1, 1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMay /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Reactor Coolant

Date December 8, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

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 TBX-RCPCSG-01 TBX-RCESSG-01 LB1	WESTINGHOUSE 2191	W18585	1978	REPLACEMENT	YES	2-99-124905-00	INSTALL SLUDGE LANCE PLATFORM BY WELDING ON LOWER LATERAL SUPPORTS

Jeh 12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1493-1, 1355, NB-4643, 1484, 1528
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays BB May /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Inspector's Signature Joe C. Hair Commissions Texas 1050
National Board, State, Province, and Endorsements

Date 16 December, 1999

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-02 TBX-RCESSG-02, LB-2	WESTINGHOUSE 2192	W18586	1978	REPLACEMENT	YES	2-99-124908-00	INSTALL SLUDGE LANCE PLATFORMS BY WELDING ON LOWER LATERAL SUPPORTS

John
12/11/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484, 1528, 1493-1, 1355, NB-4643
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May RB May /Engineering Programs Supervisor Date 12-14 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December 1999

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

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

Date December 13, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

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 TBX-RCPCSG-02 TBX-RCSSG-02	WESTINGHOUSE 2192	W18586	1978	REPLACEMENT	YES	2-99-124909-00	INSTALL SLUDGE LANCE PLATFORMS BY WELDING ON STEAM GENERATOR LOWER LATERAL SUPPORTS LS-4 & LB-2

feh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 (Address)
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484, 1528, 1493-1, 1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Inspector's Signature Joe C. Hair Commissions Texas 1080
Date 16 December, 19 99 National Board, State, Province, and Endorsements

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 (LOWER LATRL SPRT) TBX-RCPCSG-03 TBX-RCSSG-03 LB-1	WESTINGHOUSE 2193	W18587	1978	REPLACEMENT	YES	2-99-124911-00	INSTALLED SLUDGE LANCE PLATFORMS BY WELDING ON LOWER LATERAL SUPPORTS LB-1

feh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays / Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Reactor Coolant

Date December 8, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-03 TBX-RCSSG LB-1 & LS-3	WESTINGHOUSE 2193	W18587	1978	REPLACEMENT	YES	2-99-124912-00	INSTALL SLUDGE LANCE PLATFORMS BY WELDING ON LOWER LATERAL SUPPORTS

feh
12/16/99

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

1. Owner TU Electric (Name) Date December 8, 1999
P.O. Box 1002, Glen Rose, TX 76043 (Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSRS) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC (Name) TU ELECTRIC
P.O. BOX 1002, GLEN ROSE, TX 76043 (Address) Repair Organization P.O. No., Job No., etc...
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A
 Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
 Pressure N/A psi Test Temp. N/A
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
 (Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays BBMay /Engineering Programs Supervisor Date 12-11, 1999
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

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

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

4. Identification of System Reactor Coolant

Date December 8, 1999

Sheet 2 of 2

Unit 1

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

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

Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-04 TBX-RCSSG-04, LB-2, LS-5 & LS-6	WESTINGHOUSE 2194	W18588	1978	REPLACEMENT	YES	2-99-124915-00	INSTALL SLUDGE LANCE PLATFORM BY WELDING TO LATERAL SUPPORTS

John
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-04 TBX-RCSSG-04 LB2	WESTINGHOUSE 2194	W18588	1978	REPLACEMENT	YES	2-99-124916-00	INSTALL SLUDGE LANCE PLATFORM AND TUBING GUARD TO LOWER LATERAL SUPPORTS

Jch
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCPC-01	WESTINGHOUSE 1-115E641G01	W-26283	1982	REPLACEMENT	YES	3-98-310210-01	REPLACED CARTRIDGE SEAL ASSEMBLY

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

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 TBX-RCPCPC-04	WESTINGHOUSE 4-115E641G01	W-26286	1982	REPLACEMENT	YES	3-98-310242-01	REPLACED CARTRIDGE SEAL ASSEMBLY

Jeh
12/16/99

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 December 10, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, SEE REMARKS Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1578,1491-3,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Joe C. Hair Commissions Texas 1080
Date 16 December, 19 99 National Board, State, Province, and Endorsements

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

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

Date December 10, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-01	WESTINGHOUSE 2191	N-18585	1978	Repair/ REPLACEMENT	YES	3-98-318222-01	REPLACED MANWAY STUD PLUGGED 8 TUBES

Jeb
12/16/99

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

1. Owner TU Electric Date December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1578,1491-3,1355,NB-4643
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May / AB May / Engineering Programs Supervisor Date 12-16, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 19 99

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

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

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

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

4. Identification of System Reactor Coolant

Date December 16, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-02	WESTINGHOUSE 2192	W-18586	1978	REPAIR	YES	3-98-318223-01	PLUGGED 20 TUBES

feh
12/16/99

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1493-1,1355,1484,1528
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-16, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 19 99

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

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

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

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

Date November 30, 1999

Sheet 1 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, SEE REMARKS Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A

Pressure N/A psi

9. Remarks ASME III CLASS 1 *CODE CASE: 1484, 1528, 1493-1, 1355
(Applicable Manufacturer's Data Reports to be attached)

Test Temp. N/A °F

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A REPAIR repair or replacement

Certificate of Authorization No. N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Expiration Date N/A
Owner or Owner's Designee, Title Date 12-11, 19 99

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Joe P. Hair
Inspector's Signature

Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 19 99

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

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

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

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

4. Identification of System Reactor Coolant

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

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 STREAM GENERATOR TBX-RCPCSG-04	WESTINGHOUSE 2194	W-18588	1978	REPAIR	YES	3-98-318225-01	PULLED 4 TUBES PERFORMED HELICOIL REPAIR, PLUGGED 57 TUBES TOTAL

jh
12/16/99

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

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
- Date November 30, 1999
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
- Sheet 1 of 2
- Unit 1
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
- Repair Organization P.O. No., Job No., etc...
TU ELECTRIC
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
- Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
- Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 2 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB May /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 16 December, 1999

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

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

Date November 30, 1999

Sheet 2 of 2

Unit 1

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

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# RC-1-1645

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 TEX-RCPC9G-01	WESTINGHOUSE 2191	W-18585	1978	REPLACEMENT	YES	3-99-308384-01	REPLACED 3 BOLTS ON ACCESS PORT COVER

Jeh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Conanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RBMays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 16 December, 1999

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

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

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

Expiration Date N/A
Reference N-5# RC-1-1645

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 (LWR LATERAL SUPT) TBX-RCPCSG-03 TBX-RCESSG-03	WESTINGHOUSE 2193	W18587	1978	REPLACEMENT	YES	2-99-124528-00	INSTALLED DUCT WORK BY WELDING ON LOWER LATERAL SUPPORTS

jh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

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

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A *F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Inspector's Signature Joe C. Hair Commissions TEXAS 1050
Date 16 December, 1999 National Board, State, Province, and Endorsements

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

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

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 (LWR LATERAL SUPT) TBX-RCPCSG-01 TBX-RCESSG-01	WESTINGHOUSE 2191	W18585	1978	REPLACEMENT	YES	2-99-124892-00	DRILL HOLES IN LOWER LATERAL SUPPORTS

Jeh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, SEE REMARKS Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Reactor Coolant

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N-5# RC-1-1645

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 (LWR LATERAL SUPT) TBX-RCPCSG-03 TBX-RCBSSG-03	WESTINGHOUSE 2193	W18587	1978	REPLACEMENT	YES	2-99-124893-00	DRILL HOLES IN LOWER LATERAL SUPPORTS

Jeh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484, 1528, 1493-1, 1355, NB-4643
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1999 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe P. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Reactor Coolant

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 (LWR LATERAL SUPT) TBX-RCPCSG-02 TBX-RCESSG-02	WESTINGHOUSE 2192	W18586	1978	REPLACEMENT	YES	2-99-124894-00	DRILL HOLES IN LOWER LATERAL SUPPORTS

Jch
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484,1528,1493-1,1355
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1999 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1480
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Reactor Coolant

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N-5# RC-1-1645

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 (LWR LATERAL SUPT) TBX-RCPCSG-04 TBX-RCESSG-04	WESTINGHOUSE 2194	W18588	1978	REPLACEMENT	YES	2-99-124895-00	DRILL HOLES IN LOWER LATERAL SUPPORTS

Jh
12/16/99

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 December 8, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# RC-1-1645
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code Sec III 19 71 Edition, SUMMER 73 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, SEE REMARKS Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1 *CODE CASE: 1484, 1528, 1493-1, 1355, NB-4643
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R B Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions TEXAS 1080
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Reactor Coolant

Date December 8, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# RC-1-1645

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 TBX-RCPCSG-02 TBX-RCSSG-02 LS-2	WESTINGHOUSE 2192	W18586	1978	REPLACEMENT	YES	2-99-124511-00	INSTALL TUBING SUPPORTS BY WELDING ON THE LOWER LATERAL SUPPORTS

Jeh
12/16/99

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 December 10, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SF-1-1579
4. Identification of System Spent Fuel Pool Cooling
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Spent Fuel Pool Cooling

Date December 10, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# SF-1-1579

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 CPX-SFAPSF-01	BINGHAM-WILLAMETTE 16210463	NB-661	1979	REPLACEMENT	YES	2-98-119827-00	REPLACE 2 MECHANICAL SEATS AND GLANDS. REPLACED MECHANICAL SEALS.

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SF-1-1579
4. Identification of System Spent Fuel Pool Cooling
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 76 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions TEXAS 1060
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Spent Fuel Pool Cooling

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SF-1-1579

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 CPX-SFAPSF-02	BINGHAM-WILLAMETTE 16210464	NB-662	1979	REPLACEMENT	YES	2-98-119828-00	REPLACED 2 MECHANICAL SEALS

Jeh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC (Name) Type Code Symbol Stamp N/A
(Address) P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
Expiration Date N/A
Reference N-5# SF-1-1579
4. Identification of System Spent Fuel Pool Cooling
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1999 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1010
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Spent Fuel Pool Cooling

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N-5# SF-1-1579

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-SF-X-FB-022	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-121159-00	ADDED ROTATION VANES IN NEW PIPE BY WELDING
ITEM: 2 PIPING BRP-SF-X-FB-017B	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-121159-00	ADDED ROTATION VANES IN NEW PIPE BY WELDING

Jeh
12/16/99

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 December 10, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address) Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# SF-1-1579
4. Identification of System Spent Fuel Pool Cooling
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Spent Fuel Pool Cooling

Date December 10, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC

Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SF-1-1579

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-SF-X-SB-017A	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-121160-00	ADD ROTATION VANES PIPE BY WELDING
ITEM: 2 PIPING BRP-SF-X-FB-015	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-121160-00	ADD ROTATION VANES PIPE BY WELDING

feh
12/16/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, WINTER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACED repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays / Engineering Programs Supervisor Date 12-14, 19 99
Owner/for Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
Date 16 December, 19 99 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date December 13, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N-5# SI-1-1644

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 SI-1-SB-024-005-2	PACIFIC SCIENTIFIC 35241	N/A	1983	REPLACED	YES	1-98-121124-00	REPLACED SNUBBER, NEW S/N 16202

John
12/14/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1080
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 1SI-8810A	ROCKWELL AD939	N/A	1978	REPLACEMENT	YES	2-98-122311-00	REPLACED VALVE, NEW S/N 11AMW, RR-24503
ITEM: 2 PIPING BRP-SI-1-RB-021	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122311-00	REWORKED PIPING FOR VALVE REPLACEMENT. CNST CODE: 1974 S74, CODE CASE: N/A

John
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020
(Name and Address of Purchaser or Owner) 151 99-002

3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 1 1/2" Outlet Size 1 1/2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	DC36224(F316)	11AMW	N/A	98-50970-01/C	1	N/A	1999
(2)	FJT1	12AMW					
(3)		13AMW					
(4)		14AMW					
(5)		15AMW					
(6)		16AMW					
(7)	DC36224(F316)	17AMW					
(8)	FJT1	18AMW	N/A	98-50970-01/C	1	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1521 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3650 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
K	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
9KMA	SA182 GR F316	TRINITY FORGE	BODY
YQK	SA479 T 316	CONSOLIDATED PWR	BONNET
YQL	SA479 T 316	CONSOLIDATED PWR	BONNET

(1) For manually operated valves only
Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in Items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Corrected Copy 4/8/98
PAGE 10 OF 52

Valve S/N 11AMW through 18AMW

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			15199-002
(d) Other Parts			

9. Hydrostatic test 5475 psi. Disk Differential test pressure 3650 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

Issued SUMMER'75, Code Case No. N/A, Date 3/18/99

Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO.
 Stress analysis report (Class 1 only) on file at EDWARD VOGT VALVE CO.
 Design specifications certified by (1) JL BAKER
 PE State TX Reg. No. 54460
 Stress analysis certified by (1) _____ Reg. No. _____
 PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 3/18/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/18/99

Signed [Signature] (Inspector) Commissions NC1083
(Natl Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R B Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1999 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 1SI-8810B	ROCKWELL AF 529	N/A	1979	REPLACEMENT	YES	2-98-122312-00	REPLACED VALVE, NEW S/N 15AMW, RR-24503
ITEM: 2 PIPING BRP-SI-1-RB-025	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122312-00	REWORKED PIPING TO SUPPORT VALVE INSTALLATION. CODE YEAR 74, S74. CODE CASES: N/A

Jeh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

PR 24503 Pg. 1 of 2

Manufactured by **Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603**
(Name and Address of N Certificate Holder)

Manufactured for **TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020**
(Name and Address of Purchaser or Owner)

15199-003

3. Location of Installation **TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043**
(Name and Address)

4. Pump or Valve	Valve	Nominal Inlet Size	1 1/2" <small>(Inch)</small>	Outlet Size	1 1/2" <small>(Inch)</small>	
(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1) DC36224(F316)	11AMW	N/A	98-50970-01/C	1	N/A	1999
(2) FJT1	12AMW					
(3)	13AMW					
(4)	14AMW					
(5)	15AMW					
(6)	16AME					
(7) DC36224(F316)	17AMW					
(8) FJT1	18AMW	N/A	98-50970-01/C	1	N/A	1999
(9)						
(10)						

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1521 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3650 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
K	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
9KMA	SA182 GR F316	TRINITY FORGE	BODY
YOK	SA479 T 316	CONSOLIDATED PWR	BONNET
YQL	SA479 T 316	CONSOLIDATED PWR	BONNET

(1) For manually operated valves only

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in Items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

PG 10 OF 56

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			15199-023
(d) Other Parts			

9. Hydrostatic test 5475 psi. Disk Differential test pressure 3650 psi.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

Addenda SUMMER'75, Code Case No. N/A Date 3/18/99

Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO.

Stress analysis report (Class 1 only) on file at EDWARD VOGT VALVE CO.

Design specifications certified by (1) JL BAKER

PE State TX Reg. No. 54460

Stress analysis certified by (1) _____

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 3/18/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

3/18/99

Signed [Signature] (Inspector) Commissions NC1083
(Natl Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC (Name) Type Code Symbol Stamp N/A
(Address) P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions TEXAS 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 18I-8810C	ROCKWELL AD938	N/A	1978	REPLACEMENT	YES	2-98-122313-00	REPLACED VALVE, NEW S/N 16AMW, RR-24503
ITEM: 2 PIPING BRP-SI-1-RB-026	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122313-00	REWORKED PIPING FOR VAVLE REPLACEMENT. CODE EDITION 1974 S74, CODE CASES: N/A

feh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code , Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)
2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020 15199-004
(Name and Address of Purchaser or Owner)
3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 1 1/2" Outlet Size 1 1/2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	DC36224(F316)	11AMW	N/A	98-50970-01/C	1	N/A	1999
(2)	FJT1	12AMW					
(3)		13AMW					
(4)		14AMW					
(5)		15AMW					
(6)		16AMW					
(7)	DC36224(F316)	17AMW					
(8)	FJT1	18AMW	N/A	98-50970-01/C	1	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1521 (1)
(Pressure) (Temperature)
7. Cold Working Pressure 3650 psi at 100 °F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
K	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
9KMA	SA182 GR F316	TRINITY FORGE	BODY
YOK	SA479 T 316	CONSOLIDATED PWR	BONNET
YQL	SA479 T 316	CONSOLIDATED PWR	BONNET

(1) For manually operated valves only

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

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Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			151 99-004
(d) Other Parts			

9. Hydrostatic test 5475 psi. Disk Differential test pressure 3650 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

Addenda SUMMER'75, Code Case No. N/A, Date 3/18/99

Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(N) (Date)

CERTIFICATION OF DESIGN

Design Information on file at EDWARD VOGT VALVE CO.

Stress analysis report (Class 1 only) on file at EDWARD VOGT VALVE CO.

Design specifications certified by (1) JL BAKER

PE State TX Reg. No. 54460

Stress analysis certified by (1) _____ Reg. No. _____

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 3/18/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 s 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 3/18/99

Signed [Signature] Commissions NC1083
(Inspector) (Natl Bd., State, Prov. and No.)

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 1
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays /Engineering Programs Supervisor Date 12-16-99, 19 99
Owner or Owner's Designee, Title RB 12-16-99

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Safety Injection

Date December 16, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 1SI-8810D	ROCKWELL AD 937	N/A	0	REPLACEMENT	YES	2-98-122314-00	REPLACED VALVE, NEW S/N 13AMW, RR-24503
ITEM: 2 VALVE 1SI-8810D	EDWARD 13AMW	N/A	1999	REPAIR	YES	2-98-122314-00	REMOVE CASTING FLAW BY GRINDING. CODE CASES: N/A
ITEM: 3 PIPING	BROWN & ROOT N/A	N/A	0	REPLACEMENT	YES	2-98-122314-00	REWORK PIPING FOR VALVE INSTALLATION. FEATHER GRINDMARK ON PIPE. CODE YR 1974 S74, CODE CASES: N/A

feh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)
2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020
(Name and Address of Purchaser or Owner)
3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES. FM 56, GLEN ROSE, TX, 76043
(Name and Address)

15199-005

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	Nominal Inlet Size	(d) Drawing No.	Outlet Size	(f) Nat'l. Bd. No.	(g) Year Built
				1 1/2" (inch)		1 1/2" (inch)		
(1)	DC36224(F316)	11AMW	N/A		98-50970-01/C	1	N/A	1999
(2)	FJT1	12AMW						
(3)		13AMW						
(4)		14AMW						
(5)		15AMW						
(6)		16AMW						
(7)	DC36224(F316)	17AMW						
(8)	FJT1	18AMW	N/A		98-50970-01/C	1	N/A	1999
(9)								
(10)								

5. 2" PRESSUR COMBO VALVE

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1521 (1)
7. Cold Working Pressure 3650 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
K	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
9KMA	SA182 GR F316	TRINITY FORGE	BODY
YQK	SA479 T 316	CONSOLIDATED PWR	BONNET
YQL	SA479 T 316	CONSOLIDATED PWR	BONNET

(1) For manually operated valves only

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

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Mark No.	Material Spec. No.	Manufacturer	Remarks
<u>(c) Bolting</u>			<u>15199-005</u>
<u>(d) Other Parts</u>			

9. Hydrostatic test 5475 psi. Disk Differential test pressure 3650 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

addenda SUMMER'75, Code Case No. N/A, Date 3/18/99

Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO.

Stress analysis report (Class 1 only) on file at EDWARD VOGT VALVE CO.

Design specifications certified by (1) JL BAKER

PE State TX Reg. No. 54460

Stress analysis certified by (1) _____ Reg. No. _____

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 3/18/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/18/99

Signed [Signature] (Inspector) Commissions NC1083
(Natl. Bd., State, Prov. and No.)

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays /Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Jac C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Safety Injection

Date December 16, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644

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 1SI-8816A	ROCKWELL AJ-119	N/A	1979	REPLACEMENT	YES	2-98-122315-00	REPLACED VALVE, NEW S/N 50AMU, RR-24324
ITEM: 2 VALVE 1SI-8816A	EDWARD 50AMU	N/A	1999	REPAIR	YES	2-98-122315-00	GROUND ON BODY TO REMOVE STAKE MARKS. REF: VL-1261
ITEM: 3 PIPING BRP-SI-1-RB-015	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122315-00	REWORKED PIPING FOR VALVE REPLACEMENT. CODE YR: 1974 S74. CODE CASES: N/A

feh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES 24324
 As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

Manufactured for TU SERVICES, INC., P.O. BOX 20 DALLAS, TX, 75221-0020 15199-006
(Name and Address of Purchaser or Owner)

Location of Installation TU ELECTRIC, COMANCHE PEAK SES, 56 FM, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(Inch) (Inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l Bd. No.	(g) Year Built
(1)	DC36224(F316)	45AMU ✓	N/A	98-50970-08/E	2	N/A	1999
(2)	FJT2	46AMU					
(3)		47AMU					
(4)		48AMU ✓					
(5)		49AMU					
(6)		50AMU ✓					
(7)	DC36224(F316)	51AMU ✓					
(8)	FJT2	52AMU	N/A	98-50970-08/E	2	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**
(Brief description of service for which equipment was designed)
50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
A	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
XSWB	SA182 GR F316	TRINITY FORGE	BODY
138851	SA479 T 316	COULTER STEEL	BONNET
XSWA	SA182 GR F316	TRINITY FORGE	BODY
9KMA	SA182 GR F316	TRINITY FORGE	BODY
9KMB	SA182 GR F316	TRINITY FORGE	BODY

(1) For manually operated valves only
 *Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in Items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric Date December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pressure Pneumatic NOP Nominal Operating Pressure psi Other _____ Test Temp. NOT °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays /Engineering Programs Supervisor Date 12-16, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature J.P. Hair Commissions TEXAS 1060
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date December 16, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N-5# SI-1-1644

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 1SI-8816C	ROCKWELL AG 705	N/A	1979	REPLACEMENT	YES	2-98-122317-00	REPLACED VALVE, NEW S/N 45AMU, RR-24324
ITEM: 2 VALVE 1SI-8816C	EDWARD 45AMU	N/A	1999	REPAIR	YES	2-98-122317-00	REMOVE STAKING MARKS PER VL 1261, P.O. S0304330602, RR-25348
ITEM: 3 PIPING BRP-SI-1-RB-006	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122317-00	REWORKED PIPING TO AID IN VALVE REPLACEMENT. ORIG. CONST CODE: 74 874, CODE CASES: N/A

John
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES 24324
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

Manufactured for TU SERVICES, INC., P.O. BOX 20 DALLAS, TX, 75221-0020 15199-007
(Name and Address of Purchaser or Owner)

Location of Installation TU ELECTRIC, COMANCHE PEAK SES, 56 FM, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	DC36224(F316)	45AMU ✓	N/A	98-50970-08/E	2	N/A	1999
(2)	FJT2	46AMU					
(3)		47AMU					
(4)		48AMU ✓					
(5)		49AMU					
(6)		50AMU ✓					
(7)	DC36224(F316)	51AMU ✓					
(8)	FJT2	52AMU	N/A	98-50970-08/E	2	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
A	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
XSWB	SA182 GR F316	TRINITY FORGE	BODY
138851	SA479 T 316	COULTER STEEL	BONNET
XSWA	SA182 GR F316	TRINITY FORGE	BODY
9KMA	SA182 GR F316	TRINITY FORGE	BODY
9KMB	SA182 GR F316	TRINITY FORGE	BODY

(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.

Valve S/N 45AMU through 52AMU

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			15199-007
(d) Other Parts			

Hydrostatic test 5400 psi. Disk Differential test pressure 3600 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, Edition 1974

Standard SUMMER' 75, Code Case No. N/A, Date 2/17/99
Signed Edward Vogt Valve Co. by [Signature]
(Certificate Holder)
Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(Date)

CERTIFICATION OF DESIGN

EDWARD VOGT VALVE CO

Design information on file at _____
Stress analysis report (Class 1 only) on file at _____
Design specifications certified by (1) JL BAKER
PE State TX Reg. No. 54460
Stress analysis certified by (1) _____
PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 2/17/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 2/17/99

[Signature]
(Inspector)

Commissions

NC1083

(Natl Bd., State, Prov. and No.)

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-16, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1080
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

Date December 16, 1999

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

Sheet 2 of 2

Unit 1

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N-5# SI-1-1644

4. Identification of System Safety Injection

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 1SI-8816D	ROCKWELL AJ-115	N/A	1979	REPLACEMENT	YES	2-98-122318-00	REPLACED VALVE, NEW S/N 47AMU, RR-24344
ITEM: 2 VALVE 1SI-8816D	EDWARD 47AMU	N/A	1999	REPAIR	YES	2-98-122318-00	GRIND ON VALVE BODY TO REMOVE & REPLACE NOZZLE REF: VL 1261
ITEM: 3 PIPING BRP-SI-1-RB-015	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122318-00	REWORKED PIPING FOR VALVE REPLACEMENT CODE YEAR: 1974 S74, CODE CASES: N/A

frh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES 24324
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)
 Manufactured for TU SERVICES, INC., P.O. BOX 20 DALLAS, TX, 75221-0020 15199008
(Name and Address of Purchaser or Owner)
 Location of Installation TU ELECTRIC, COMANCHE PEAK SES, 56 FM, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	DC36224(F316)	45AMU ✓	N/A	98-50970-08/E	2	N/A	1999
(2)	FJT2	46AMU					
(3)		47AMU					
(4)		48AMU ✓					
(5)		49AMU					
(6)		50AMU ✓					
(7)	DC36224(F316)	51AMU ✓					
(8)	FJT2	52AMU	N/A	98-50970-08/E	2	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**
(Brief description of service for which equipment was designed)
50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
A	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
XSWB	SA182 GR F316	TRINITY FORGE	BODY
138851	SA479 T 316	COULTER STEEL	BONNET
XSWA	SA182 GR F316	TRINITY FORGE	BODY
9KMA	SA182 GR F316	TRINITY FORGE	BODY
9KMB	SA182 GR F316	TRINITY FORGE	BODY

(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.

Valve S/N 45AMU through 52AMU

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
			15199-004
(d) Other Parts			

9. Hydrostatic test 5400 psi. Disk Differential test pressure 3600 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

...enda SUMMER' 75, Code Case No. N/A, Date 2/17/99

Signed Edward Vogt Valve Co. by [Signature]
(Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) JL BAKER

PE State TX Reg. No. 54460

Stress analysis certified by (1) _____

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 2/17/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 2/17/99

[Signature] (Inspector) Commissions NC1083
(Natl Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1999 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe P. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Safety Injection

Date November 30, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644

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 1SI-8822A	ROCKWELL AJ-114	N/A	1974	REPLACEMENT	YES	2-98-122320-00	REPLACED VALVE, NEW S/N 41AMU, RR-24344
ITEM: 2 PIPING BRP-SI-1-RB-008	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122320-00	REWORKED PIPING FOR VALVE REPLACEMENT. CODE YEAR: 1974 S74, CODE CASES: N/A

Jeh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020 *151 99-009*
(Name and Address of Purchaser or Owner)

3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l Bd. No.	(g) Year Built
(1)	DC36224(F316)	36AMU	N/A	98-50970-05/E	2	N/A	1999
(2)	FJT2	37AMU					
(3)		38AMU ✓					
(4)		39AMU					
(5)		40AMU ✓					
(6)		41AMU					
(7)	DC36224(F316)	42AMU ✓					
(8)	FJT2	43AMU	N/A	98-50970-05/E	2	N/A	1999
(9)							
(10)							

6. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
K	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
7HUA 7HUA	SA182 GR F316	TRINITY FORGE	BODY
YOK	SA479 T 316	CONSOLIDATED PWR	BONNET

(1) For manually operated valves only

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in Items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC Type Code Symbol Stamp N/A
(Name) Authorization No. N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Expiration Date N/A
(Address) Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1050
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSBS)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Safety Injection

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 1SI-8822B	ROCKWELL AJ-117	N/A	1979	REPLACEMENT	YES	2-98-122321-00	REPLACED VALVE, NEW S/N 38AMU, RR-24324
ITEM: 2 PIPING BRP-SI-1-RB-023A	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122321-00	REWORKED PIPING FOR VALVE REPLACEMENT. CODE YR: 1974 S74. CODE CASES: N/A

JH
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
 As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vort Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020 **15199-010**
(Name and Address of Purchaser or Owner)

3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l Ed. No.	(g) Year Built
(1)	DC36224(F316)	36AMU	N/A	98-50970-05/E	2	N/A	1999
(2)	FJT2	37AMU ✓					
(3)		38AMU ✓					
(4)		39AMU					
(5)		40AMU ✓					
(6)		41AMU					
(7)	DC36224(F316)	42AMU ✓					
(8)	FJT2	43AMU	N/A	98-50970-05/E	2	N/A	1999
(9)							
(10)							

6. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
<u>K</u>	<u>CAST STELLITE 3</u>	<u>CONSOLIDATED CAST</u>	<u>DISK</u>
(b) Forgings			
<u>YOK</u>	<u>SA182 GR F316</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>YOK</u>	<u>SA479 T 316</u>	<u>CONSOLIDATED PWR</u>	<u>BONNET</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.

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organisation P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R B Mays RB Mays / Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Safety Injection

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 1SI-8822C	ROCKWELL AT-708	N/A	1979	REPLACEMENT	YES	2-98-122322-00	REPLACED VALVE, NEW S/N 36AMU, RR-24344
ITEM: 2 PIPING BRP-SI-1-RB-042	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122322-00	REWORKED PIPING FOR VALVE REPLACEMENT. CODE YEAR: 1974 S74. CODE CASES: N/A

John
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vort Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

2. Manufactured for TU SERVICES, INC. P.O. BOX 20, DALLAS, TX, 75221-0020 15199-011
(Name and Address of Purchaser or Owner)

3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	DC36224(F316)	36AMU	N/A	98-50970-05/E	2	N/A	1999
(2)	FJT2	37AMU ✓					
(3)		38AMU ✓					
(4)		39AMU					
(5)		40AMU ✓					
(6)		41AMU					
(7)	DC36224(F316)	42AMU ✓					
(8)	FJT2	43AMU	N/A	98-50970-05/E	2	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
<u>K</u>	<u>CAST STELLITE 3</u>	<u>CONSOLIDATED CAST</u>	<u>DISK</u>
(b) Forgings			
<u>7HUA</u>	<u>SA182 GR F316</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>YOK</u>	<u>SA479 T 316</u>	<u>CONSOLIDATED PWR</u>	<u>BONNET</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.

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N-101, N-154
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature J. C. Hair Commissions TX 10-3 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Safety Injection

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SI-1-1644

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 1SI-8822D	ROCKWELL AJ-116	N/A	1979	REPLACEMENT	YES	2-98-122323-00	REPLACED VALVE, NEW S/N 37AMU, RR-24344
ITEM: 2 PIPING BRP-SI-1-RB-008	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122323-00	REWORKED PIPING FOR VALVE REPLACEMENT. CODE YEAR: 1974 S74. CODE CASES: N/A

Jfk
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vort Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

2. Manufactured for TU SERVICES, INC. P.O. BOX 70, DALLAS, TX, 75221-0020 15199-012
(Name and Address of Purchaser or Owner)

3. Location of Installation TU ELECTRIC, COMANCHE PEAK SES, FM 56, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l Bd. No.	(g) Year Built
(1)	DC36224(F316)	36AMU	N/A	98-50970-05/E	2	N/A	1999
(2)	FJT2	37AMU ✓					
(3)		38AMU ✓					
(4)		39AMU					
(5)		40AMU ✓					
(6)		41AMU					
(7)	DC36224(F316)	42AMU ✓					
(8)	FJT2	43AMU	N/A	98-50970-05/E	2	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
K	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
FULL 7HUA	SA182 GR F316	TRINITY FORGE	BODY
YOK	SA479 T 316	CONSOLIDATED PWR	BONNET

(1) For manually operated valves only

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in Items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Mark No.	Material Spec. No.	Manufacturer	Remarks
<u>(c) Bolting</u>			<u>15199-012</u>
<u>(d) Other Parts</u>			

8. Hydrostatic test 5400 psi. Disk Differential test pressure 3600 psi.

CERTIFICATE OF COMPLIANCE

I hereby certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction per ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

Audenda SUMMER'75, Code Case No. N/A, Date 2/17/99

Signed Edward Vogt Valve Co. by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VOGT VALVE CO.

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) JL BAKER

PE State TX Reg. No. 54460

Stress analysis certified by (1) _____

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 2/17/99, and state that, to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 2/17/99

[Signature] (Inspector) Commissions NC1083
(Natl Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002, GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases 1644-4
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure _____ NOP _____ psi Test Temp. _____ NOT _____ °F
9. Remarks ASME III CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.	<u>REPLACEMENT</u> repair or replacement
Type Code Symbol Stamp _____	N/A
Certificate of Authorization No. _____	N/A
Expiration Date _____	N/A
Signed <u>RBMays RBMays</u> /Engineering Programs Supervisor Date <u>12-11</u> , 19 <u>99</u>	
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>Hartford Steam Boiler Insp. & Ins. Co.</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>August 1998</u> to <u>December 1999</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
<u>Joe C. Hair</u> Inspector's Signature	Commissions <u>Texas 1080</u> National Board, State, Province, and Endorsements
Date <u>16 December, 19 98</u>	

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
90723	SA-193 B-7	COPPERWELD	CASE STUDS 15199-013
51445	SA-193 B-7	COPPERWELD	CASE STUDS
65955	SA-194 7B	COPPERWELD	CASE NUTS
51408	SA-194 7B	COPPERWELD	CASE NUTS
(d) Other Parts			
S/N 51929	ASME SA-36	PACIFIC PUMPS	COMPONENT SUPPORT
IPE 315			

9. Hydrostatic test HPE 2625 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. I, Edition 1974, Addenda SUMMER '74 (Date), Code Case No. 1644-4, Date DECEMBER 27, 1977

Signed PACIFIC PUMPS DIVISION (Manufacturer) by Walter R. Hays (ACTING)

Our ASME Certificate of Authorization No. 1207 to use the N (N) (NFV) symbol expires 9/8/78 (Date)

CERTIFICATION OF DESIGN

Design information on file at PACIFIC PUMPS DIVISION

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) A. J. WETTLAUFER

PE State PA. Reg. No. 13335-E

Stress analysis certified by (1) W. O. SHEPHERD

PE State CA. Reg. No. M11036

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 CALIFORNIA and employed by DIV. OF INDUST. SAFETY of CALIFORNIA have inspected the pump, or valve, described in this Data Report on 12-28 1977, and state that to the best of my knowledge and belief, the Manufacturer has constructed 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 12-28-77
W. H. HERRINGTON (Inspector) Commissions 7135609 (Nat'l Bd., State, Prov. and No.)

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 December 16, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644
4. Identification of System Safety Injection
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases SEE REMARKS
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 2 *CODE CASE: N-154(1791), N-101(1712)
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT/REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R B May, PSM / Engineering Programs Supervisor Date 12-16, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period AUGUST 1998 to DECEMBER 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSIS)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Safety Injection

Date December 16, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# SI-1-1644

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 1SI-8816B	ROCKWELL AG707	N/A	1979	REPLACEMENT	YES	2-98-122136-00	REPLACED VALVE, NEW S/N 48AMU, RR-24324
ITEM: 2 VALVE 1SI-8816B	EDWARD 48AMU	N/A	1999	REPAIR	YES	2-98-122136-00	GROUND BODY TO REMOVE STAKE MARKS
ITEM: 3 PIPING BRP-SI-1-RB-006	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	2-98-122136-00	REWELDED PIPING TO AID IN VALVE REPLACEMENT. CONST. CODE: 74 SUMMER 74, CODE CASES: N/A

Jeh
12/16/99

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES 24324
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Edward Vogt Valve Co., 1900 S. Saunders St., Raleigh, NC 27603
(Name and Address of N Certificate Holder)

Manufactured for TU SERVICES, INC., P.O. BOX 20 DALLAS, TX, 75221-0020 15199-014
(Name and Address of Purchaser or Owner)

Location of Installation TU ELECTRIC, COMANCHE PEAK SES, 56 FM, GLEN ROSE, TX, 76043
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 2" Outlet Size 2"
(Inch) (Inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	DC36224(F316)	45AMU ✓	N/A	98-50970-08/E	2	N/A	1999
(2)	FJT2	46AMU					
(3)		47AMU					
(4)		48AMU ✓					
(5)		49AMU					
(6)		50AMU ✓					
(7)	DC36224(F316)	51AMU ✓					
(8)	FJT2	52AMU	N/A	98-50970-08/E	2	N/A	1999
(9)							
(10)							

5. **2" PRESSUR COMBO VALVE**

(Brief description of service for which equipment was designed)

50970

Design Conditions 2485 psi 650 °F or Valve Pressure Class 1500 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 3600 psi at 100 °F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
A	CAST STELLITE 3	CONSOLIDATED CAST	DISK
(b) Forgings			
XSWB	SA182 GR F316	TRINITY FORGE	BODY
138851	SA479 T 316	COULTER STEEL	BONNET
XSWA	SA182 GR F316	TRINITY FORGE	BODY
9KMA	SA182 GR F316	TRINITY FORGE	BODY
9KMB	SA182 GR F316	TRINITY FORGE	BODY

(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.

Valve S/N 45AMU through 52AMU

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
			15199-014
(d) Other Parts			

9. Hydrostatic test 5400 psi. Disk Differential test pressure 3600 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1., Edition 1974

ASME Code SUMMER' 75, Code Case No. N/A, Date 2/17/99

Signed Edward Vogt Valve Co. by [Signature]
(Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the N symbol expires 11-26-00
(Date)

CERTIFICATION OF DESIGN

EDWARD VOGT VALVE CO

Design information on file at _____

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) _____

PE State TX

Reg. No. _____

JL BAKER

54460

Stress analysis certified by (1) _____

PE State _____

Reg. No. _____

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford Connecticut have inspected the pump, or valve, described in this Data Report on 2/17/99, and state that, to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with 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 injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 2/17/99

[Signature]
(Inspector)

Commissions _____

NC1083

(Natl Bd., State, Prov. and No.)

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SW-1-1634
4. Identification of System Service Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 74 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)

4. Identification of System Service Water

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SW-1-1634

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-SW-1-AB-001	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-99-125847-00	REPLACED PIPING
ITEM: 2 PIPING BRP-SW-1-AB-016	BROWN & ROOT N/A	N/A	1984	REPLACEMENT	YES	4-99-125847-00	REPLACED PIPING

feh
12/16/99

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 November 30, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SW-1-1634
4. Identification of System Service Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other _____
Pressure NOP psi Test Temp. NOT °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACED conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 19 99

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSRS)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Service Water

Date November 30, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N-5# SW-1-1634

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 CPI-SWVAVB-01	CROSBY N72373-00-0001	N/A	1988	REPLACED	YES	5-99-500317-AB	REPLACED VALVE, NEW S/N N72373-00-0004, RIR-30503

Jeh
12/16/99

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 December 10, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# SW-1-1634
4. Identification of System Service Water
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1080
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Service Water

Date December 10, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# SW-1-1634

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 CPI-SWVAVB-02	CROSBY N72373-00-0002	N/A	1988	REPLACEMENT	YES	5-99-500318-AD	REPLACED DISC

feh
12/16/99

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 December 13, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002, GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N-5# WP-1-1595
4. Identification of System Waste Processing (Liquid)
5. (a) Applicable Construction Code Sec III 19 77 Edition, WINTER 77 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RB Mays /Engineering Programs Supervisor Date 12-14, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Joe C. Hair Commissions Texas 1010
National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002, GLEN ROSE, TX 76043
(Address)
4. Identification of System Waste Processing (Liquid)

Date December 13, 1999
Sheet 2 of 2
Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
Reference N-5# WP-1-1595

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 CPI-WPAPSS-03	CRANE NSP-001959	N/A	1980	REPAIR	YES	3-97-338472-01	MACHINE SURFACE OF SUCTION HEAD

feh
12/16/99

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address) Sheet 1 of 2
2. Plant Comanche Peak Steam Electric Station (CPSSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas TU ELECTRIC
Repair Organization P.O. No., Job No., etc...
3. Work Performed by TU ELECTRIC
(Name) Type Code Symbol Stamp N/A
P.O. BOX 1002 GLEN ROSE, TX 76043 Authorization No. N/A
(Address) Expiration Date N/A
Reference N/A
4. Identification of System Warehouse
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CODE CLASS 3
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBMays RBMays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe P. Hair Commissions Texas 1060
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002 GLEN ROSE, TX 76043
(Address)
4. Identification of System Warehouse

Date December 7, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A
Authorization No. N/A

Expiration Date N/A
Reference N/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 Document	Description of Work
ITEM: 1 VALVE TSM 336196	CROSBY N72373-00-0001	N/A	1988	REPLACEMENT	YES	4-99-126822-00	REPLACED DISC CAGE

feh
12/16/99

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 December 7, 1999
(Name)
P.O. Box 1002, Glen Rose, TX 76043 Sheet 1 of 2
(Address)
2. Plant Comanche Peak Steam Electric Station (CPSES) Unit 1
Farm Rd. 56, 5 miles North of Glen Rose, Texas
3. Work Performed by TU ELECTRIC TU ELECTRIC
(Name) Repair Organization P.O. No., Job No., etc...
P.O. BOX 1002 GLEN ROSE, TX 76043 Type Code Symbol Stamp N/A
(Address) Authorization No. N/A
Expiration Date N/A
Reference N/A
4. Identification of System Warehouse
5. (a) Applicable Construction Code Sec III 19 74 Edition, SUMMER 75 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1986, Addenda, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Manufacturer's Name and Serial Number	Nat'l Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(See pages 2 thru 2 attached)						

7. Description of Work See Attached
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other N/A
Pressure N/A psi Test Temp. N/A °F
9. Remarks ASME III CODE CLASS 2
(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Mays RB Mays /Engineering Programs Supervisor Date 12-11, 1999
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period August 1998 to December 1999, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joe C. Hair Commissions Texas 1080
Inspector's Signature National Board, State, Province, and Endorsements

Date 16 December, 1999

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner TU Electric
(Name)
P.O. Box 1002, Glen Rose, TX 76043
(Address)

2. Plant Comanche Peak Steam Electric Station (CPSSES)
Farm Rd. 56, 5 miles North of Glen Rose, Texas

3. Work Performed by TU ELECTRIC
(Name)
P.O. BOX 1002 GLEN ROSE, TX 76043
(Address)

4. Identification of System Warehouse

Date December 7, 1999

Sheet 2 of 2

Unit 1

TU ELECTRIC
Repair Organization P.O. No., Job No., etc...

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Reference N/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 Document	Description of Work
ITEM: 1 VALVE TSN 375478	CROSBY M66785-00-0023	N/A	1992	REPLACEMENT	YES	4-99-125069-00	REPLACED BELLOWS & DISC INSERT

feh
12/16/99