



Luminant

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CPSES-200701174
TXX-07105

Ref. # 10CFR50.55a

July 17, 2007

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NO. 50-445
SUBMITTAL OF UNIT 1 TWELFTH REFUELING OUTAGE (1RF12) INSERVICE
INSPECTION (ISI) SUMMARY REPORT (UNIT 1: 1998 EDITION OF ASME CODE
SECTION XI THROUGH 2000 ADDENDA, INTERVAL START DATE - AUGUST 3,
2000, SECOND INTERVAL)

Dear Sir or Madam:

In accordance with 10CFR50.55a, TXU Generation Company LP (Luminant Power) forwards the Inservice Inspection Summary Report for the twelfth refueling outage of CPSES Unit 1. The enclosed report is being provided to you pursuant to the ASME Boiler and Pressure Vessel Code, Section XI, paragraph IWA-6240(b). A copy of this report is also forwarded to the Chief Inspector in accordance with the Texas Boiler Law & Rules and Regulations, paragraph 65.100.g.4.

This communication contains no new licensing basis commitments regarding Comanche Peak Steam Electric Station (CPSES) Unit 1.

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway · Comanche Peak · Diablo Canyon · Palo Verde · South Texas Project · Wolf Creek

A047

NRR

If you have any questions or need additional information regarding this matter, please feel free to contact Jack Hicks at (254) 897-6725.

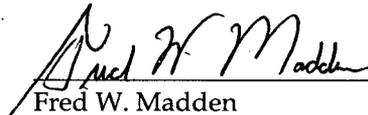
Sincerely,

TXU Generation Company LP

By: TXU Generation Management Company LLC,
Its General Partner

Mike Blevins

By:


Fred W. Madden

Director, Oversight & Regulatory Affairs

Enclosure

c - B. S. Mallett, Region IV
M. C. Thadani, NRR
Resident Inspectors, CPSES
T. Parks, Chief Inspector, TDLR

ENCLOSURE to TXX-07105

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number CPSSES Uni1 1RF12

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

Plant Comanche Peak Steam Electric Station P.O. Box 1002 Glen Rose, Texas 76043
(Name and Address of Plant)

Unit No. 1 Commercial service date August 13, 1990 Refueling outage no. 12

Current inspection interval 2
(1st, 2nd, 3rd, 4th, other)

Current inspection period 2
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 1998 Edition, 2000 Addenda

Date and revision of inspection plan CPSSES Unit 1 ISI Program Plan, Interval 2, Rev. 5, February 23, 2007

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan. Same

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization N/A Expiration N/A

Signed RP [Signature], Procurement Eng & Programs Mgr Date 7/9/07
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 of Province Texas and employed by Hartford Steam Boiler Inspection and Insurance of Connecticut of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, during the period January 1, 2006 to June 30, 2007, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacement, evaluations and corrective measures described in this 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.

[Signature] Commissions NB12581 ANIC/TX1717
Inspector's Signature National Board, State, Province and Endorsements

Date 7-16-07

This form (E00127) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required For The Interval	Total Examinations Credited for This Period*	Total Examinations Credited (%) for The Period**	Total Examinations Credited (%) to Date for the Interval	Remarks
B-A	24	0	0	4	NOTE 3
B-B	8	0	0	50	NOTE 9
B-D	36	2	100	47	NOTE 10
B-F	4	0	100	100	
B-G-1	166	162	100	98	NOTE 4
B-G-2	30	8	100	60	NOTE 4
B-J	30	12	100	100	
B-K	14	4	100	57	NOTE 7
B-L-1	1	0	0	0	NOTES 1,3
B-L-2	1	0	0	0	NOTES 1,4
B-M-2	4	0	0	25	NOTES 1,4
B-N-1	3	1	100	66	NOTE 2
B-N-2	1	0	0	0	NOTE 3
B-N-3	1	0	0	0	NOTE 3
B-O	4	0	0	25	NOTE 3
B-P	NOTE 5	NOTE 5	NOTE 5	NOTE 5	NOTES 2,5
B-Q	NOTE 8	NOTE 8	NOTE 8	NOTE 8	NOTES 2,8
C-A	19	6	100	58	
C-B	8	2	100	50	
C-C	101	37	95	61	
C-D	1	0	0	0	
C-F-1	17	6	100	100	
C-F-2	1	0	0	100	
C-G	6	2	100	66	

* This column is interpreted to represent the cumulative number of exams performed to date in this period.

** This column is interpreted to represent the cumulative percentage of scheduled exams for the interval which have completed in this period to date.

Notes:

1. Examinations for pumps and valves are limited to components selected for examination under Examination Categories B-L-1, B-L-2, and B-M-2.
2. Examination Categories B-N-1, B-P, and B-Q do not have to follow the required percentages of Table IWB-2412-1.
3. Examinations for Examination Categories B-A, B-L-1, B-N-2, B-N-3, and B-O may be deferred to the end of the inspection interval.
4. Examinations of Examination Categories B-G-1, B-G-2, B-L-2, and B-M-2 may be deferred until disassembly of a component for maintenance, repair/replacement, or volumetric examination.
5. Visual Examinations (VT-2) for system leakage tests are performed each fuel cycle , period, and interval, according to the requirements of IWA-2212 and IWA-5240. All of the required VT-2 examinations are completed for this fuel cycle and period.
6. Examination Category R-A includes previous Examination Categories B-F, B-J, C-F-1, and C-F-2.
7. Examination Category B-K for this period includes one Category B-K-1 examination that was completed in 1RF10.
8. Examination Category B-Q, Steam Generator Tubing, is reported per the requirements of the Plant Technical Specifications. Since four new steam generators were installed in 1RF12, no Eddy Current testing was performed for ISI.
9. Replacement of four Steam Generators with four new Steam Generators in 1RF12 removes three Steam Generator Category B-B welds, which were scheduled for examination in the second period. Refer to EVAL-2005-001089-02-00.
10. Replacement of four Steam Generators with four new Steam Generators in 1RF12 removes six Steam Generator Category B-D welds, which were scheduled for examination in the second period. Refer to EVAL-2005-001089-02-00. Two Pressurizer Category B-D welds were rescheduled and examined in 1RF12 and the second period.

**TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE**

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
D-B	D2.10	Three air leaks identified during DG Train A VT-2 system pressure test per pkg 1-DG-2-2-1a (WO 3-06-343622-01). SMF 2007-000405 written. Repaired leaks in WOs 4-07-172554-00, 4-07-172563-00, and 4-07-172564-00. VT-2 examinations were re-performed for each connection and were found satisfactory, with no leakage identified.	N/A	Yes
D-B	D2.10	Two air leaks identified during DG Train B VT-2 system pressure test per pkg 1-DG-2-2-1b (WO 3-06-343625-01). SMF-2007-000479 written. Repaired leaks in WOs 4-07-172600-00 and 4-07-172601-00. VT-2 examinations were re-performed for each connection and were found satisfactory, with no leakage identified.	N/A	Yes
D-B	D2.10	Small leak identified at flange of CPX-SFAHSF-02(SFP HX) during VT-2 system pressure test per pkg 1-SF-2-2-1b (WO 3-06-345138-01). SMF-2007-001739 written. Repair in- process per WO 4-07-174337-00 and has been completed, with VT-2 examination re-performed for the connection and found satisfactory, with no leakage identified.	N/A	Yes

**TABLE 3
 ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES
 REQUIRED FOR CONTINUED SERVICE**

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/Replacement Plan Number
3	Replacement	Flange	Replaced corroded flange	No	3/23/07	1SW07-001
3	Replacement	Vacuum Breaker	Replaced due to failed as found pressure test	No	3/19/07	1SW07-003
3	Replacement	Vacuum Breaker	Replaced due to failed as found pressure test	No	3/5/07	1SW07-004