



Luminant

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CP-201100852
Log # TXX-11079

Ref. # 10CFR50.55a

July 21, 2011

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

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT
DOCKET NO. 50-446
SUBMITTAL OF UNIT 2 TWELVETH REFUELING OUTAGE (2RF12) INSERVICE
INPSECTION (ISI) SUMMARY REPORT (1998 EDITION OF ASME CODE SECTION XI
THROUGH 2000 ADDENDA, INTERVAL START DATE – AUGUST 4, 2004, SECOND
INTERVAL)

Dear Sir or Madam:

In accordance with 10CFR50.55a, Luminant Generation Company LLC (Luminant Power) transmits the Inservice Inspection Summary Report for the twelfth refueling outage of Comanche Peak Unit 2. 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 commitments regarding Comanche Peak Unit 2.

Should you have any questions, please contact Mr. Jack Hicks at (254) 897-6725.

Sincerely,

Luminant Generation Company LLC

Rafael Flores

By: 

Fred W. Madden

Director, Oversight & Regulatory Affairs

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

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

AD47
MRR

Enclosure – 2RF12 ISI Summary Report

c - E. E. Collins, Region IV
B. K. Singal, NRR
Resident Inspectors, Comanche Peak
Anthony Jones, Chief Inspector, TDLR
Kenneth Blake, ANII, Comanche Peak

ENCLOSURE TO TXX-11079
INSERVICE INSPECTION SUMMARY
FOR UNIT 2
TWELVETH REFUELING OUTAGE

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number CPSES U2 2RF12

Owner Luminant 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. 2 Commercial service date August 3, 1993 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

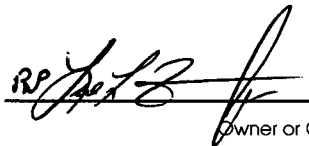
Date and revision of inspection plan CPSES ISI Program Plan, Interval 2, Rev. 3, February 28, 2008

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.

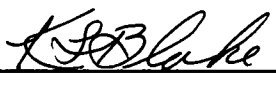
Certificate of Authorization No. N/A Expiration Date N/A

Signed  if applicable Date 7/19/11
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 Minnesota and employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut, have inspected the items described in this Owner's Activity Report, during the period of January 1, 2010 to June 30, 2011, 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.

 Commissions NB6752 A,B,N,I,NS MN 054531
Inspector's Signature National Board, State, Province and Endorsements

Date 7/19/11

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	4	100	75	
B-D	36	6	100	44	
B-G-1	165	29	100	18	NOTES 4, 8
B-G-2	19	6	100	53	NOTE 4
B-K	8	4	100	75	
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	2	100	67	NOTE 2
B-N-2	1	1	0	0	NOTE 3
B-N-3	1	1	0	0	NOTE 3
B-O	4	0	0	0	NOTE 3
B-P	NOTE 5	NOTE 5	NOTE 5	NOTE 5	NOTES 2, 5
B-Q	NOTE 7	NOTE 7	NOTE 7	NOTE 7	NOTE 7
C-A	19	10	100	73	
C-B	8	2	100	50	
C-C	95	43	100	72	
C-D	1	0	0	100	
C-G	6	2	100	67	
C-H	NOTE 5	NOTE 5	NOTE 5	NOTE 5	NOTE 5
D-A	140	51	100	65	
D-B	NOTE 5	NOTE 5	NOTE 5	NOTE 5	NOTE 5
F-A F1.10	85	26	96	52	
F-A F1.20	252	107	100	67	
F-A F1.30	168	66	100	66	
F-A F1.40	102	44	100	75	
R-A	176	94	100	75	NOTE 6

* 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 been completed to date in this period.

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 and B-P 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 for 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 required VT-2 examinations have been completed for this fuel cycle, except for the underground portions of the SW system in Work Orders 4158457 and 3975749, scheduled for examinations and evaluations during November, 2011.
6. Examination Category R-A includes previous Examination Categories B-F, B-J, C-F-1, and C-F-2.
7. Examination Category B-Q, Steam Generator Tubing, is reported per the requirements of the Plant Technical Specifications.
8. Reactor vessel nuts and washers, Examination Category B-G-1, were replaced by hydranut assemblies during 2RF11(second outage of the second period), with 25% of the hydranut assemblies requiring examination in the third period. PSI of the hydranut assemblies were completed during 2RF11.

**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
	NONE					