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905.4
Ref. # 10CFR50.55a(f)

TUELECTRIC

October 7, 1994

C. Lance Terry
Group Vice President

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
UNIT 1/UNIT 2 INSERVICE TESTING PLAN FOR
PUMPS AND VALVES, REVISION 4
(1989 EDITION OF ASME CODE, SECTION IX, NO ADDENDA;
UNIT 1 INTERVAL START DATE: AUGUST 13, 1990, FIRST INTERVAL;
UNIT 2 INTERVAL START DATE: AUGUST 3, 1993, FIRST INTERVAL)

Gentlemen:

Enclosed is Revision 4 to the Comanche Peak Steam Electric Station (CPSES) Unit 1 and 2 Inservice Testing Plan (IST) for Pumps and Valves in the first interval. The Plan is a combined Unit 1/Unit 2 Plan, implementing the same requirements from the ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition of Section XI (No Addenda) on Units 1 and 2. The effective date of this revision is October 13, 1994, at 12:01 AM CST.

The attachment provides a detailed description of the changes made by Revision 4 to the Plan in a format identical to that provided for changes to the Final Safety Analysis Report (FSAR). All changes described in the attachment have been evaluated for relative significance (i.e., the group number 1, 2, 3 or 4 corresponds to each change justification as discussed in TU Electric letter TXX-88467 dated June 1, 1988). In addition, all changes applicable to CPSES Units 1 and 2 have been reviewed under the TU Electric 10CFR50.59 process and found not to include any "unreviewed safety questions."

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PDR ADDCK 05000445
P PDR

400 N. Olive L.B. 81 Dallas, Texas 75201

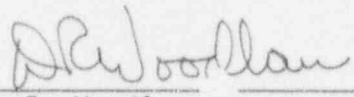
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If you have any questions, please call Mr. Carl Corbin at (214) 812-8859.

Sincerely,

C. Lance Terry

By: 
D. R. Woodlan
Docket Licensing Manager

CBC/grp
Attachment
Enclosure

c - Mr. L. J. Callan, Region IV
Resident Inspectors, CPSES (2)
Mr. T. A. Bergman, NRR
Mr. G. Bynog, TDLR (clo)
Mr. J. C. Hair, Authorized Nuclear Inservice Inspector

CPSES - INSERVICE TEST PROGRAM (IST)
AMENDMENT / REVISION 4
DETAILED DESCRIPTION

IT Page
(as amended)

Group Description

Table 13-	2	<p>See Sheet No(s) :5, 14, 15 and Notes Section Pgs 3, 4 Revises test frequency for Low Head Safety-Injection check valves 8818A, 8818B, 8818C, 8818D, 8948A, 8948B, 8948C, and 8948D from cold shutdown to refueling outage.</p> <p>Revises Note 7 to remove reference to valves listed above.</p> <p>Adds Note 9 to clarify the testing frequency for the valves listed above.</p> <p>Revision :</p> <p>Currently, each valve listed above is open full- stroke tested by acoustic emission testing at Cold Shutdown. This revision changes the requirement to an open partial-stroke test every Cold Shutdown and an open full-stroke test every Refueling Outage. Also at each Refueling Outage, in lieu of flow testing all eight valves and listening to each with acoustic emission monitoring equipment, all eight valves will be flow tested and only two valves tested using acoustic emission monitoring.</p> <p>To obtain a proper acoustic signature, both RHR Pumps are required to flow through the check valve being tested. Also, all Reactor Coolant Pumps need to be secured to lower background noise sufficiently to record the acoustic signature. Since the test requires the flow of both trains of Residual Heat Removal to be secured and all Reactor coolant Pumps to be secured, Cold Shutdown testing is not practicable.</p> <p>The acoustic emission monitoring of the valves will be performed on one valve per group per outage on a rotating schedule each time testing is performed (a sampling program). The groups will be four valves each, 8818A, B, C, D and 8948A, B, C, D. If problems are found with the sample valve, all valves in the affected group must be tested using acoustic emission monitoring during the same outage.</p> <p>This nonintrusive technique meets the Code requirements for verifying disk movement for the full-stroke exercising - opening - of check valves. The nonintrusive reverification allows flow testing at repeatable conditions to be performed on all valves in a group while requiring</p>
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IT Page
(as amended)

Group Description

nonintrusive tests of only one of the group on a rotating schedule. Relief is not required because this test method is considered an acceptable "other positive means."

Change Request Number : IT-94-4.1
Commitment Register Number :
Related SER : 3.9.6 SSER :26 3.9.6
SER/SSER Impact : No

Table 14-

3

See Sheet No(s) :1 and Notes Section Page 1
Adds note 3 to clarify testing requirements for check valves 2SW-0016, 2SW- 0017, 2SW-0084, and 2SW-0085 due to the scheduled removal of the valve internals during the first refueling outage for Unit 2.

Update :

The internals of the Unit 2 check valves are scheduled for removal during the first refueling outage for Unit 2. After Minor Modifications 93-567 and 93-568 have been accepted by operations, testing is no longer required. The test requirements remain valid until the internal(s) are removed. These valves are not required to perform a "closed" safety function.

Change Request Number : IT-94-1.1
Commitment Register Number :
Related SER : 3.9.6 SSER :26 3.9.6
SER/SSER Impact : No

Table 14-

3

See Sheet No(s) :Notes Section Page 1
Revises note 1 to clarify testing requirements for check valves 2SW-0388 and 2SW-0389 due to the scheduled removal of the valve internals during the first refueling outage for Unit 2.

Revision :

The internals of the Unit 2 check valves are scheduled for removal during the Unit 2 Refueling Outage No. 1. After Minor Modification 93-497 has been accepted by operations, testing is no longer required. The test requirements remain valid until the internal(s) are removed. These valves are not required to perform a "closed" safety function.

Change Request Number : IT-94-5.1
Commitment Register Number :
Related SER : 3.9.6 SSER :26 3.9.6
SER/SSER Impact : No

COMANCHE PEAK STEAM ELECTRIC STATION UNITS 1 & 2
INSERVICE TESTING PLAN FOR PUMPS AND VALVES
FIRST INTERVAL

INSTRUCTION SHEET
(Page 1 of 1)

The following instructional information and checklist is being furnished to help insert Revision 4 into the Comanche Peak Steam Electric Station IST.

Discard the old sheets and insert the new sheets, as listed below.

Remove

Cover Sheet

Insert

Record of Changes
Cover Sheet

Table 13

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Notes, Page 3
Notes, Page 4

Table 14

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Notes, Page 1

Page 1 of 3
Notes, Page 1

Effective Page Listing

EPL-1 thru EPL-5

EPL-1 thru EPL-5

NOTE: Please complete the entry for insertion of Revision 4 on the "Record of Changes" form located at the beginning of the IST Plan.

INSERVICE TESTING PLAN RECORD OF CHANGES

* Revisions 1 through 3 have been previously issued. See effective page list for dates of Revisions.

NOTE: The date of the last effective Revision can be confirmed by contacting Docket Licensing at (214) 812-4340. The List of Effective Pages identifies all Revisions.