



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76011

JAN 18 1984

MEMORANDUM FOR: Darrell G. Eisenhut, Director, Division of Licensing, NRR  
FROM: John T. Collins, Regional Administrator  
SUBJECT: PROPOSED BOARD NOTIFICATION - COMANCHE PEAK POTENTIAL  
10 CFR 50.55(e) REPORT ON COATING ADHESION TEST DATA

The quality of coatings applied to the inner wall of the containment liner prior to October 1981 was considered indeterminate due to inadequate and/or lack of documentation. Consequently, a coating reinspection program was initiated to determine the adequacy of the coatings. The reinspection program included a test to determine coating adhesion to the substrate at selected areas of paint (coatings) on the inner wall of the containment vessel. The equipment utilized to perform the tests was an Elcometer Adhesion Tester marketed by Kenneth Tator Associates, Inc., Pittsburg, PA. The acceptance criterion for adhesion to the substrate was set at 200 psi in accordance with ANSI Standard N5.12, 1974.

Due to the inherent fatigue of Belleville washers within the equipment which allowed a constant drift with use of the adhesion tester, it was found necessary to calibrate the meters roughly every 2 weeks. Calibration was made with a dead weight tester.

The licensee has indicated that the calibration data was not properly applied during evaluation of the test results. The licensee is in the process of matching specific calibration records to corresponding test records. This deficiency is considered potentially reportable within the context of 50.55(e) in that sufficient margin may exist within the test data to accommodate appropriate application of the calibration data.

The applicability of coatings to the Comanche Peak Steam Electric Station ASLB hearing as a licensing issue and its associated safety significance is discussed in the attached memorandum for Gordon Edison, NRR, from T. F. Westerman, Region IV, dated January 6, 1984.

Because the subject of coatings is an outstanding issue in the ASLB hearing on Comanche Peak, I am recommending that the Board be notified immediately of this potential deficiency.

We will continue to keep you advised as to the disposition of this matter.

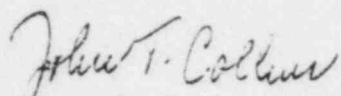
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Darrell G. Eisenhut

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JAN 18 1984

If additional information is required contact W. A. Crossman (728-8151) or  
T. F. Westerman (728-8145).

  
John T. Collins  
Regional Administrator

cc:

G. Edison, LBI  
E. Case, NRR  
R. DeYoung, OIE  
S. Treby, ELD  
S. Burwell, NRR  
J. Gagliardo  
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