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UNITED STATES OF AMERICA '84 OCT 26 P1:02
NUCLEAR REGULATORY COMMISSION

Before Administrative Judges:

Peter B. Bloch, Chairman
Dr. Kenneth A. McCollom
Dr. Walter H. Jordan

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

SERVED OCT 26 1984

In the Matter of

Docket Nos. 50-445 OC
50-446 OC

TEXAS UTILITIES ELECTRIC COMPANY, et al.

(Application for
Operating License)

(Comanche Peak Steam Electric Station,
Units 1 and 2)

October 25, 1984

MEMORANDUM

(Information on Composition of A36 and A307 Steel)

Because of the variability in A36 (A307) steel, the Licensing Board requires information about the extent to which the items tested by Applicants have been representative of the steels actually employed at the plant. This issue was brought to our attention by CASE in "CASE's Answer to Applicants' Statement of Material Facts Relating to Richmond Inserts as to Which There are No Material Issues in the form of Affidavit of CASE Witness Mark Walsh," September 10, 1984 at 10-12.¹ The issue relates to the validity of the tests of U-bolts² and of A36 bolts

¹ In this filing, Mr. Walsh cites Applicants' witness, Dr. Robert Iotti, "In the Matter of Questions on Summary Dispositions Filed by Texas Utilities on Comanche Peak" (Staff Meeting), August 8, 1984, Tr. 15-16.

² Westinghouse Electric Corporation, Comanche Peak Steam Electric Station U-Bolt Support/Pipe Test Report, May 17, 1984 (Attachment 1 to Attachment 1 to Applicants' Motion for Summary Disposition of (Footnote Continued)

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used in Richmonds. It may also relate to limitations of testing techniques.

Another relevant question about testing techniques is what the appropriate safety factor is in allowables established by test. It is our understanding that manufacturers' specifications and code allowables include safety factors designed to compensate for a variety of tolerances, including installation tolerances. We have not been informed about how safety factors are accounted for in the use of test results.

O R D E R

For all the foregoing reasons and based on consideration of the entire record in this matter, it is this 25th day of October 1984

ORDERED:

Texas Utilities Generating Company, et al. may respond to this request for information within one month from the time of issuance of

(Footnote Continued)

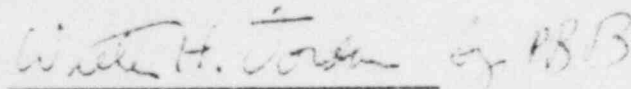
CASE's Allegations Regarding Cinching Down of U-Bolts, June 29, 1984) at 3-4 describes the "Test Items", which are comprised of A36 material, without reference to their chemical composition, the method they were chosen or their representativeness. Indeed, there also is no mention of the extent of their representativeness of the dimensions of U-Bolts used at the plant. See also Affidavit of Robert C. Iotti and John C. Finneran, Jr. Regarding Cinching Down of U-Bolts (Attachment 1 to Applicants' Motion, supra) at n. 8, p. 21, stating without a description of the variation in dimensions within the plant and without any explanation, that "small differences in dimension do not affect the conclusion of this study."

this Order. It shall provide to CASE and the Staff all underlying documents and analyses on which it relies in its response. CASE shall have one month from the receipt of the last underlying document and analysis within which to respond.

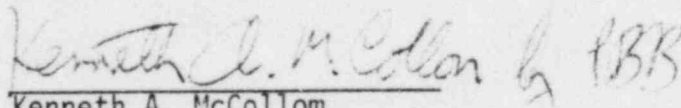
THE
ATOMIC SAFETY AND LICENSING BOARD



Peter B. Bloch, Chairman
ADMINISTRATIVE JUDGE



Walter H. Jordan
ADMINISTRATIVE JUDGE



Kenneth A. McCollom
ADMINISTRATIVE JUDGE

Bethesda, Maryland