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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

DOCKETED
USNRC

Before Administrative Judges:

'84 DEC 21 P1:13

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

OFFICE OF SECRETARY
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BRANCH

SERVED DEC 24 1984

In the Matter of

TEXAS UTILITIES ELECTRIC COMPANY, et al.

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

Docket Nos. 50-445-0L
50-446-0L

ASLBP No. 79-430-06 0L

December 21, 1984

MEMORANDUM
(Standards Applicable to Pending Motions)

The purpose of this memorandum is to set forth some standards that appear to be applicable to pending motions but that appear not to have been prominently discussed.

With respect to the validity of tests performed to establish the adequacy of design, the following sentence from Part 50, Appendix B, Criterion III, is applicable:

Where a test program is used to verify the adequacy of a specific design feature in lieu of other verifying or checking processes, it shall include suitable qualifications testing of a prototype unit under the most adverse design conditions.

This sentence relates to whether Comanche Peak design documents have been adequate, as well as to whether tests performed for this litigation have established the validity of previously deficient design documents.

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With respect to the adequacy of quality control for startup, we note the following commitment from § 14.2.5 of the FSAR, Amendment 11, July 31, 1980¹:

Each test data package will be reviewed to ensure that the test has been performed in accordance with the written approved procedure and that all required data, checks, and signatures have been properly recorded and that system performance meets the approved acceptance criteria. [Emphasis added.]

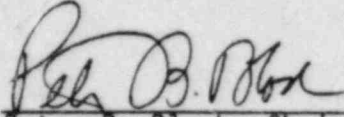
Apparently, pursuant to this obligation Applicants' Preoperational Test Procedure 1 CP-PT-02-02² bears signatures of five (5) people who reviewed the test. Nevertheless, (testimony indicates that system performance did not meet the acceptance criteria, both because of obvious calculational errors and because the acceptance criteria were exceeded.) We need to know how this occurred and to be assured concerning the frequency of similar errors in startup test results. (As we understand it, it is the signature of these people that constitutes the equivalent of a OC check during construction. This apparently is supposed to represent a more serious level of review than existed to verify construction attributes. However, it failed to catch what appear to be some obvious errors.)³

¹ We are not aware of any subsequent amendment to this section.

² Exhibit 5 to the Deposition of D. Arthur London, a deposition whose release to the public has been prohibited in order to protect the identity of Witness F.

³ See also Appendix B, criterion XI.

FOR THE
ATOMIC SAFETY AND LICENSING BOARD

A handwritten signature in black ink, appearing to read "Peter B. Bloch", written over a horizontal line.

Peter B. Bloch, Chairman
ADMINISTRATIVE JUDGE

Bethesda, Maryland