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August 7, 1984
84056.017

Mr. J. B. George
Project Manager
Texas Utilities Generating Company
Highway FM 201
Glen Rose, Texas 76043

Subject: Pipe Support Review Questions
Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4
Job No. 84056

References: (a) Cygna letter to TUGCO, 84056.013, "Pipe Support Review Questions," dated July 31, 1984.
(b) Cygna letter to TUGCO, 84056.014, "Pipe Support Review Questions," dated August 6, 1984.

Dear Mr. George:

Attached please find two additional Phase 4 pipe support questions based on a review of the historical CMC's and DCA's for incorporation into the pipe support drawings. This letter, combined with references (a) and (b), constitutes a complete set of pipe support questions.

If you have any questions or require clarification prior to preparing a response don't hesitate to call.

Very truly yours,

N. H. Williams

N. H. Williams
Project Manager

Attachments

cc: Mr. G. Grace (w/attachment)
Mr. D. Wade (w/attachment)
Mr. S. Burwell (w/attachment)
Mr. S. Treby (w/attachment)
Mrs. J. Ellis (w/attachment)

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ATTACHMENT A

PIPE SUPPORT QUESTIONS

1. Support drawing CC-2-050-002-A43R, Revision 3.

Similar to question 3 in Cygna letter 84056.014 dated 8/6/84, this is another example of missing dimensions. In this case, neither the drawing (section B-B on weld detail 1) nor the CMC (#50983, Rev. 6) show the location of pieces 12 and 1B. How was the quality control inspector able to determine the location of piece 12 in his inspection report?

2. In reviewing the 64 pipe supports in Phase 4 Cygna noted four instances in which details on incorporated CMC's were not reflected in the support drawing:

- a) Support drawing CC-1-050-001-A43S, Revisions 3-6.

Baseplate detail shown in CMC 8786, Rev. 1, section B-B, does not match details A or B of the above drawing revisions.

- b) Support drawing CC-1-019-014-A43R, Revisions 2-4.

The baseplate detail shown in CMC 36698, Rev. 0, section A-A, and the Item 4 plate size do not match the baseplate detail, section A-A, and the size of the plate (item 4B), respectively, in the above drawing revisions.

- c) Support drawing CC-2-050-702-A43K, Revisions 3-4.

The AH dimension shown in CMC 90041, Rev. 0, does not match that shown on the above drawing revisions.

- d) Support drawing CC-1-019-012-A43K, Revision 4.

The all around fillet weld specified in CMC 88765, Rev. 1, does not match the weld shown in section B-B of the drawing; the weld in the drawing is structurally acceptable.

Since these design changes are noted as having been incorporated into the drawing, please explain the reasons for these discrepancies.