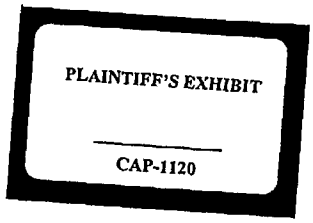

CertainTeed Corporation
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September 16, 1981

A/C PIPE PRODUCRERS ASSOCIATION
1600 Wilson Blvd.
Suite 1008
Arlington, VA 22209
Attn: Mr. T.R. Gillen
Director - Technical Affairs

RECEIVED SEP 18 1981

SUBJECT: USBR STANDARD SPECIFICATION FOR ASBESTOS-CEMENT PRESSURE PIPE

Dear Tad,

Referring to your letter dated July 9, 1981 to Frank Duffy under the above subject, the following are our comments on the specification:

Paragraph 7b - At times it may be advisable for plants to perform the hydrostatic burst test on a full length of pipe with machined ends. As this is a more severe test, we propose that this be included as an option to testing a one foot unmachined section of pipe. We propose that line 7 be extended to read: "In lieu of the one foot sample test, the contractor shall have the option of testing machined end pipe to the same requirements with external seals against the outside diameter of the machined ends permitted".

Paragraph 7c - The reference to ASTM on line 10 should read Section 11.1.1.

Paragraph 7d - The reference to ASTM on line 4 should read Section 8.

Paragraph 8a (2) - In late 1977, the Bureau issued a supplement to their 10/15/77 specification wherein the wall thickness requirements were changed and in our opinion they were more realistic. We recommend the listed requirements be replaced by that table as follows:

continued ...

Pipe Size (inches)	Wall Thickness Tolerance (inches)
4 to 12	-0.080
14 to 18	-0.120
20 to 24	-0.140
27 to 30	-0.170
33 to 36	-0.200
39 to 42	-0.230

Paragraph 8a(4) - We propose that the tolerance for pipe lengths be plus or minus one inch for all sizes, to be consistent with other ASTM and AWWA specifications.

REVISIONS TO SPECIFICATIONS

Section 4.4.1b (2) - This section concerns the testing of joints having a rubber gasket of other than a circular cross section. As we interpret the requirements, the test pressure for the joint tests is 800 feet of water or 346 psi regardless of the class of pipe joint. Also, the government has the right to witness tests on any or all of the pipe sizes and head classes to be furnished. We feel that the required test pressure should vary with the head class being tested such as 50% of the burst pressure. For example, if a test was required for class A/C 30, it would not be practical to test at 800 feet of water when the burst pressure of the pipe is 693 feet of water.

Pages 4-27 and 4-27a - There are some editorial changes required such as changing sub-paragraph numbers, etc.

If you have any questions concerning the above comments, please do not hesitate to call.

Yours truly,

CERTAINTEED CORPORATION

James R. Alley

James R. Alley
A/C Marketing
Specifications Engineer

JRA:db

cc: J.F. Baker