

construction technology laboratories

a Division of the PORTLAND CEMENT ASSOCIATION

5420 Old Orchard Road, Skokie, Illinois 60077 • Area Code 312/965-6200

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DOCKET NUMBER

PROPOSED RULE

PR-Misc
Reg. Guide



May 22, 1979

Secretary of the Commission
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Docketing and Service Branch

CONCERNS: Proposed Regulatory Guide 1.35.1.

Gentlemen:

The Portland Cement Association reviewed the above document entitled "Determining Prestressing Forces for Inspection of Prestressed Concrete Containments." Accordingly, we submit the following comments.

The first paragraph on Page 17 states that "The constants A and B should be determined from creep strains at t_1 , t_2 , and t_3 ." This results in three equations with two unknowns. By solving the equations in pairs, three values for A and B can be obtained. Does the second line of the first paragraph on Page 17 mean that these three values should be averaged?

With three ages of loading, values for A and B can be obtained corresponding to each age of loading. Does the second line of the first paragraph on Page 17 mean that these three values should be averaged?

On Page 17, Item g, the following should be inserted, . . . time t_0 "and the strain on the unloaded specimen" from the . . . Reference No. 4 of the Guide, together with an Appendix containing detailed data, was reprinted as Portland Cement Association Development Bulletin D103. Figure A1 of the Appendix shows that some shrinkage strain can occur in sealed specimens.

There is a typographical error in "University" on the fourth line of Reference 16.

Sincerely yours,

H. G. Russell
Manager,
Structural Development Section

H. G. Russell/amp

Copy to-
W. G. Corley
A. W. Isberner

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Acknowledged by card... 6/12/79

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