ROBERT L. NELSON & ASSOCIATES, INC.
CONSTRUCTION MATERIALS LABORATORY
1107 TOWER ROAD
SCHAUMBURG, ILLINOIS 60173

708/882-1146

Mr. Paul Kellert
Kellert Industries
P. O. Box 469
Mannford, Oklahoma 74044

December 24, 1992

Dear Sir:

In response to Mr. Charles Green of Concrete Additives California, the following information pertaining to Kellert Industries' Kel-Crete admixture system is submitted for your perusal.

(1) Time of Setting (UBC 24-19) Flow 109

(a) Type "N" Mortar (1:3) 202 Kel-Crete

Initial Set	2 hrs. 15 min.
Final Set	4 hrs. 42 min.

(b) Type "S" Mortar (1:3) 202 Kel-Crete

Initial Set	2 hrs. 15 min.
Final Set	4 hrs. 42 min.

(c) Type "M" Mortar (1:2¼) 202 Kel-Crete

Initial Set	2 hrs. 20 min.
Final Set	4 hrs. 58 min.

(2) Autoclave Expansion (ASTM C151 - UBC 24-193)

Kel-Crete Mortar Mix	Type N	+0.14%
Kel-Crete Mortar Mix	Type S	+0.14%
Kel-Crete Mortar Mix	Type M	+0.10%

The mix proportions of the mortar batches were as shown on the Robert L. Nelson & Associates, Inc. report dated August 17, 1992.

The air contents shown on the Kel-Crete report of August 17, 1992, were 14.1% and 14.3%. The values are slightly higher than the maximum allowable of UBC 24-19. The flexural bond strengths as shown in this report do meet the UBC requirements and would not be affected by the slight increase in air content values.

Respectfully submitted,

ROBERT L. NELSON & ASSOCIATES, INC.

Robert L. Nelson
President

RLN/jn