

FROM G. L. Bechtel DATE December 28, 1972 FOR Mr. S. T. Bowell - DPJ
CITY Cleveland cc: Mr. E. B. Euchner - DPJ
ANSWERING Mr. W. M. Tomc - DPJ
LETTER OF 12/22/72 Mr. J. E. Southwick - DPJ
SUBJECT LEAD REMOVAL Dr. H. J. Kiefer - UCB
Last few formulas

Prior to rendering a decision to you, upon your request for extension of the .06 requirement, we would like to know just how retarded the drying cycle becomes with alternate dryer systems.

You indicate that a combination of cobalt and zirconium at too high levels renders embrittlement in the finish film.

Alternately, if you put in the cobalt and zirconium combination at lower levels, just how slow dry is the cycle? For instance, if in the 50° to 70° temperature range, would a person receive sufficient dry overnight to render a satisfactory film without degradation through moisture or damage by someone bumping into it, etc.

We would appreciate your appraisal of the extension of the dry using these alternate systems.

(on vehicle solids)

103 Co 0.152r Normal .7 Pb .01 Co.
50° - 34 hrs. slower just barely O.N. 10 - 12 hrs. slower
70° - normal + 1 hr(?) normal 4 - 6 hrs. "


G. L. Bechtel

S. Mr. took ca. 36 hrs to dry @ 50°

GLB/rjt

GLD007127