Certified	Date	To	Location and mail code
	January 16, 1980	Mr. J. Malone	BB #2126
Subject: PRELIMINARY INVESTIGATION OF DOUBLE AUTOCLAVE PROBLEM AT PLANT 258		From: Dr. B. Jo/db	Location and mail code: BB #2125

cc: Mr. J. McGinley - VF P&PG #2B
Mr. F. Niedergang - BB #2126
Mr. J.P. Ungerman - BB #2126
Mr. J.R. Magargal - BB #2126
Mr. H. Benhardt - Ambler #258

PLAINTIFF'S EXHIBIT
CT-1473

This request is a portion of a R&D program, Precure and Autoclave Cure Investigation of A/C, which was already assigned to Mr. J. Malone. However, this request needs the participation of Messrs. J. Ungerman and R. Magargal.

J. Malone: As suggested yesterday afternoon, please make the necessary arrangements with Mr. L. Kurfuerst for obtaining two 6" or 8" 150 pipes which are in the stage just prior to autoclave and cut off both ends of a proper size for the crush test end dimensional measurement which will be performed later. Subject these samples (four) to the experimental shop's autoclave in the same condition as that of plant autoclave in which the remaining portion of the samples are to be cured. The rise of P and T , the curing period, and the rate of P and T down may be the parameters. The two samples from pipe I and two samples from pipe 2 will be put in curing at the same time. After the first cycle cure, the samples of pipe I will be taken out while the samples of pipe 2 will remain for the second cycle cure. The identical treatment is conceived for the remaining portions of the pipes at the plant autoclave. Hand over all the samples to J. Ungerman for physical tests such as crushing tests, dimensional measurement (ovality) and density.

J. Ungerman: Please obtain the data of physical properties as described before and after that hand over some samples to R. Magargal for DTA investigation.

R. Magargal: Please obtain the DTA data in a systematic way with a statistical parameter. Do not try to derive the quantities in terms of %. Simply measure the areas of free Ca(OH), free silica, tobermorite and fiber content.

The data from Mr. Ungerman and Mr. Magargal will be turned over to J. Malone for the final report on this request.

RECEIVED JAN 17 1980