PLAINTIFF'S EXHIBIT AB-32
PENGAD-Bayonne, N.J.

FRICTION MATERIALS RESEARCH

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CC: AL INDELICATO

July 11 1978

B. J. Iwarsson
Winchester Va

Dear "B. J. ":

Since our discussion on the telephone a few days ago, it appears that I should have mentioned to you that under the instigation of M B Terry, late president of the Division, an extended program on scrap utilization was carried on for over a year with no thought of the environmental approach but enturely with the idea of economics. In fact, at the time we did not have the asbestos problem anywhere. To the best of my recollection, this study was carried out at Winchester, but I believe Frank Tayler could recall the program as it was done by manufacturing and not research.

The study included scrap segments of lining, as well as the material from the dust collector, with all kinds of percentages and many formulas using the dynomometer as the evaluation tool, followed by some customer trials. I dont recall the final results, but here were the conclusions to the best of my memory:

(a) Scrap from dust collectors could not be used mainly because such dust contained too much iron backing and grinding grit, changing the properties of the material.

(b) Scrap from saw cuts and bag segments when ground seem to offer more hope. As I recall, the difficulty was that unless scrap is segregated, use of too much in a formula that is comprised of iteelf many formulas creates loss of control in the product being offered- where much smaller amounts of scrap are involved, then it becomes a point of economics as to its usage. Mr. Terry was very persistant in his efforts, but his objectives were entirely those of economics at the time.

Aside from the "asbestos"problem, it has always seemed a pity to discard to the dump so much scrap as we do. It might be worth your while to check with Tayler, unless you are already familiar with the previous studies made. Possibly, Harry King and Jack Troester can recall this previous extended study.

RAY E SPOKES