PENGAD-Bayonne,N.J
PLAINTIFF'S EXHIBIT
SMF-109

JUNE 29TH, 1967

ALDWIN-EHRET-HILL, INC.
MR. H. WILSON
ITH & KANZLER CORP.
MR. M. LIEFF
.S. MINERAL PRODUCTS
MR. FRANK STUPP

.T. MR. VERHALEN

UBJECT: DUST EROSION TESTS

ENTLEMEN:

SPOKE WITH MIKE KOSARAS THIS MORNING, AND HE WAS PLEASED TO
PORT THAT THIS PROCEDURE IS UNDERWAY, AND I WILL INCORPORATE
EREWITH THE INFORMATION WHICH HE CURRENTLY HAS. AS SOON AS HE
INISHES THE LAST TWENTY FOUR HOUR RUN ON THE SECOND SAMPLE BEING
STED, HE WILL WRITE A COMPLETE WRITTEN REPORT. THIS SHOULD BE
ONE TIME THE LATTER PART OF NEXT WEEK.

E HAD SOME CONCERN ABOUT CHANGE IN HUMIDITY AFFECTING THE WEIGHT
F THE FILTER MATERIAL IN THE DUCT. TO SCIENTIFICALLY ACCOMMODATE
OR THIS, HE HAS TWO FRAMES MADE FOR THE FILTER IDENTICALLY THE SAME
E FRAMES, OF COURSE, ARE NOT INVOLVED IN THE WEIGHING AND MERELY
PPORT THE FILTERING MATERIAL. ONE OF THESE IS HUNG FROM THE
ILING, AND IS SUBJECT TO A CHANGE IN WEIGHT BASED ON AIR HUMIDITY
NDITIONS. THE SECOND, OF COURSE, IF USED IN THE ACTUAL TEST WITH
E DUCT. BEFORE WEIGHING THE STUFF FROM THE DUCT, HE WEIGHS THE
LTERING MATERIAL ON THE CONTROL HANGING IN MID AIR. IF THERE IS
Y CHANGE UPWARD OR DOWNWARD IN THE WEIGHT OF THAT FILTER, HE
COMMODATES FOR THE SAME CHANGE IN THE WEIGHT OF THE MATERIALS
CUMULATING ON THE FILTER IN THE DUCT. HE HAS NOW RUN ONE SAMPLE
ROUGH THE COMPLETE CYCLE AND THE SECOND THROUGH THREE PHASES OF I
B HAS JUST THE LAST TWENTY FOUR HOURS TO TEST. I WILL MAKE UP A
BLE ACCOMMODATING FOR THE INFORMATION SO FAR GATHERED.

E FIRST SAMPLES WHICH HE TESTED WAS SAMPLE #5, WHICH WAS 1-1/16"
ICKNESS AND WAS INDICATED AT 11.4 LBS. PER CUBIC FOOT DENSITY.
E SECOND SAMPLES WAS SAMPLE #1, WHICH IS 1-1/8" THICK, AND HAS A
NSITY OF 10.6 LBS. PER CUBIC FOOT. THE FIGURES [illegible]

ECTED IN EACH INSTANCE IS BASED ON GRAMS PER SQUARE FOOT:

	Sample #6	Sample #1
IRST 3 HOURS (PURGE)	.019	.011
ECOND 3 HOURS (TO END OF PURGE)	.001	.006
EXT 18 HOURS (6-24 HOURS)	.007	.001
EXT 24 HOURS (25-48 HOURS)	.005	NOT YET TESTED

T IS MIKE'S INTENTION TO WRITE THIS UP COMPLETELY WHEN THE TWO MPLES HAVE BEEN CONCLUDED, AND THEN TO AWAIT FURTHER INSTRUCTIONS OM US. HE FEELS THAT, BASED ON WHAT HE KNOWS SO FAR, THAT THE NERTIABILITY OF THIS IS VERY GOOD, AND IT MIGHT NOT BE NECESSARY O RUN ADDITIONAL CONTROLLED TESTS, BUT RATHER BEGIN TO RUN TESTS R EACH OF THE MATERIALS INVOLVED.

VERY TRULY YOURS,

SPRAYED MINERAL FIBRE MFRS. ASSN.

H.L. LEVINE

HL/RB