PLAINTIFF'S EXHIBIT USM-274

July 26, 1967

DUST COLLECTION DATA

Tests conducted this date in an empty building adjacent to the Smith & Kanzler facilities, Linden, N. J.

Tests conducted in the following order:

Asbestospray (Asb.)	Asbestospray Type T
U. S. Mineral Products (USMP)	CAFCO BLAZE-SHIELD Type D
Smith & Kanzler Co. (S U K)	Spraycraft 1132 Type S
Baldwin-Ehret-Hill (BEH)	Pyrospray Type I

All tests were conducted for 30 minutes. The first 20 minutes was to obtain dust equilibrium, the last 10 minutes for taking the actual sample. All dust tests were taken from a distance of 0 ft., 10 ft., 20 ft., and 40 ft. on each product. The feed rate setting for 10 lbs. per minute for each product was obtained during the first 20 minutes of each test. Water rate was obtained and controlled by the use of a flow meter. An air-water gun supplied by Asbestospray was used for all tests.

Air pressure at compressor:	100 psi
Water pump pressure:	static - 85 psi on - 60 psi

Test No.	Product	Feed Rate Setting	Water Rate Flow Meter Setting	Type Gun	Comments
1	Asb.	4-5/8	1.25 gals./min.	air	No dust, linty
2	USMP	4-1/4	1.25 "	"	No dust, little lint
3	S & K	5-1/4	1.25 "	"	Some dust, linty
4	BEH	5-1/2	1.25 "	"	Dusty, linty
5	BEH	5-1/2	7/8 "	"	Very dusty, linty
6	BEH	5-1/2	.5 "	"	Very, very dusty, linty

While spraying the tests, the writer observed the following: Type D is cleaner and dust free, with Asbestospray a close second.

S & K has considerably less dust than previous tests; oil spots were noticed on their bags, indicating a dedusting agent.

BEH is very dusty and linty. Mr. Wilson remarked to me that they tried a water emulsion as a dedusting agent, but discovered it has no shelf life.

The Messrs. Levine and Miller represented Asbestospray, Messrs. Wilson and Zewecki represented Baldwin-Ehret-Hill. No official representative was present from Smith & Kanzler, only plant personnel.

SDS/ec

S. D. Sumski

cc:
JPV