PLAINTIFF'S EXHIBIT
DUP-249

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

WILMINGTON, DELAWARE 19898

ENGINEERING DEPARTMENT

CC: G.J. Stopps,MD, Emp.Rel.,Haskell Lab
J.L. Parsons, Engineering, ESD
J. R. Allen, Engineering, ESD

July 11, 1968

ADRIAN LINCH
MEDICAL SECTION
CHAMBERS WORKS

DUST CONTROL PROGRAM

We are enclosing a copy of the results from the airborne dust sample made at Construction Division site locations during the month of June, 1968. Also included are the procedures used for the evaluation of airborne dust samples performed by Mr. Felix Stein and Dr. Morton Corn of the University of Pittsburgh, Graduate School of Public Health.

In evaluating the site locations whose quantitative analysis indicated particle counts in excess of 1 MP/CF, we found the primary cause to be drafts produced from open doors and windows. The provided exhaust systems were not functioning in full potential due to the drafts blowing the small particles away from pick-up point and making them airborne. Other producers of airborne particles were in the handling of calcium silicate block material from shipping carton through fabrication process. In isolated instances, hand saws contributed a percentage of the airborne particles.

The Old Hickory Construction Mono Spray sample dated 6/13/68 substantiates the need for improving spray applying equipment of asbestos fibrous materials. The 6/14/68 sample was taken of the employee opening Mono insulation material bags and changing spray machine.

We anticipate this information will be of interest to you and if we can be of any further service, please contact the writer.

CONSTRUCTION DIVISION

K. E. Keuper
Division Safety Supt.

KEK/dlm
Enclosures

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JUL 15 1968
HASKELL LAB.

BETTER THINGS FOR BETTER LIVING ... THROUGH CHEMISTRY

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SUMMARY OF PARTICLE AND FIBER COUNT

FOR June, 1968 SAMPLES

Sample Number	Date	Location	Volume Sampled Ft^3	Particle Counts in MPPCF				Remarks
				Particles	Asbestos Fibers			
					<5μ	5μ - 10μ	>10μ	
19	6-4-68	Waynesboro	19.6	3.0±0.1	0.26±0.03	0.10±0.02	0.054±0.014	Bright Field Particle Count = 0.22±0.02 MPPCF 10x objective
6	6-7-68	Louisville	19.0	0.280 ± 0.028	0.0082 ± 0.0047	0.0027 ± 0.0027	0.00	Resuspended
13	6-5-68	May Constr.	18.9	2.32±0.20	1.62±0.17	1.07±0.14	0.23±0.06	Resuspended
4	6-11-68	Kingston	17.77	0.517 ± 0.051	0.080 ± 0.02	0.0099 ± 0.0070	0.0099 ± 0.0070	
15	6-6-68	Memphis	18.41	3.95±0.15	0.16±0.03	0.054 ± 0.018	0.030 ± 0.013	
23	6-7-68	Houston	20.35	1.88±0.09	0.035 ± 0.012	0.00	0.00	
5	6-5-68	Brevard	17.58	4.24±0.21	0.030 ± 0.012	0.00	0.010 ± 0.007	
2	6-7-68	Beaumont	19.29	0.63±0.04	0.037 ± 0.011	0.006 ± 0.004	0.006 ± 0.004	
14	6-13-68	Old Hickory	17.60	4.47±0.21	0.31 ± 0.04	0.10 ± 0.02	0.075 ± 0.019	Mono Spray
14	6-5-68	Old Hickory	19.29	0.94±0.05	0.33 ± 0.03	0.19 ± 0.02	0.13 ± 0.02	Insulation Shop
14	6-14-68	Old Hickory	18.22	1.78±0.09	0.36 ± 0.04	0.12 ± 0.02	0.029 ± 0.012	Power House
26	6-5-68	Chambers	18.05	0.57±0.04	0.052 ± 0.013	0.065 ± 0.015	0.020 ± 0.008	
[illegible]	6-7-68	Circleville	18.38	4.37±0.21	0.12 ± 0.02	0.038 ± 0.014	0.038 ± 0.014	

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DU PONT COMPANY

SUMMARY OF PARTICLE AND FIBER COUNT

FOR June, 1968 SAMPLES

Sample Number	Date	Location	Volume Sampled Ft^3	Particle Counts in MPPCF				Remarks
				Particles	Asbestos Fibers			
					<5μ	5μ - 10μ	>10μ	
11	6-11-68	Victoria	19.53	1.26 ± 0.08	0.48 ± 0.05	0.027±0.011	0.059±0.016	
7	6-5-68	Chattanooga	19.73	3.18 ± 0.15	0.053±0.015	0.0081 ± 0.0058	0.012 ± 0.007	
25	6-7-68	Wilmington	15.05	4.82 ± 0.24	0.094±0.023	0.00	0.00	

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