PLAINTIFF'S EXHIBIT

UC-2701

UNION CARBIDE

INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS • P. O. BOX 8361, SOUTH CHARLESTON, WEST VIRGINIA 25303

(Name) Mr. D. R. Paugh
sion Mr. H. H. Price
ation Mr. W. V. Filipek

by to Mr. J. W. Biddle
Mr. G. F. Hurley
Mr. W. C. Young

Date August 25, 1977

Originating Dept IH/EP

Subject Asbestos Monitoring at the South Charleston Plant

Gentlemen:

On August 8, 1977, air samples were taken during the removal of insulation (possibly containing asbestos) on top of a furnace at the mainland powerhouse. The insulation was wet, which should significantly reduce emission of airborne dust. During the operation, Mr. C. C. Bragg and Mr. C. N. Cunningham wore personal sampling pumps and an area sample was also taken. All the men on the job wore respiratory protective equipment.

The sample results, attached, show that the concentration of asbestos fibers complies with the current OSHA eight-hour, time-weighted average of two fibers, longer than five micrometers, per cubic centimeter of air and also complies with the ceiling concentration of ten fibers per cubic centimeter of air.

The above air samples were sampled and analyzed by phase-contrast microscopy using Union Carbide Corporation, Chemicals and Plastics Industrial Hygiene Handbook Method Number 38C-29X4-R1a. This method is identical to the procedures used by NIOSH, the organization responsible for developing methods specified by OSHA.

If we can provide additional assistance, please contact us.

W. F. Blythe, Jr.

WFBJr/mac

Attachment

UCC 024554

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DATE	EMPLOYEE	SAMPLING TIME(MIN)	CONCENTRATION (FIBERS/CC)	TWA (FIBERS/CC)
08/08/77	J. N. Cunningham	0842 - 0955(73)	0.34	0.25
08/08/77	C. C. Bragg	0838 - 0955 (75)	1.55	1.16
08/08/77	Area Sample	0845 - 0955(70)	0.22	---

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