PLAINTIFF'S EXHIBIT

UC-2688

UNION CARBIDE

INTERNAL CORRESPONDENCE

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

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Date March 3, 1980

Originating Dept Technical Center IH/EP

Subject Asbestos Monitoring at Institute #2 Powerhouse

PROJECT

Monitor exposure of employees to airborne asbestos fibers during the removal of insulation from a boiler at the #2 Powerhouse at Institute.

DATE OF SURVEY

February 20, 1980

DISCUSSION

Construction insulators and laborers wore personal samplers during the removal of insulation from the third level of the easternmost boiler in the #2 Powerhouse. All employees involved wore disposable coveralls and respirators. The insulation was adequately wetted with water during removal. The first set of samples was taken while the insulation was being removed from the front of the boiler and placed in plastic bags. The second set of samples was taken while insulation was being removed from a horizontal section of the boiler and shoveled into plastic bags.

The personal air samples indicated concentration from 0.2 to 0.8 f/cc. The OSHA standard sets a permissible exposure limit of 2 f/cc for an eight-hour time-weighted average exposure and a ceiling limit for a fifteen minute exposure of 10 f/cc. Continued use of the prescribed work procedures - use of water to wet insulation, respirators, barricading the area, etc. - should aid in keeping exposures below the OSHA standard.

DATA

See page 2.

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DATE	SAMPLE	SAMPLING TIME	AIR CONC. (f/cc)
2/20/80	G.H. Landers	0905 - 0935	0.2
	"	1010 - 1145	0.4
	J.H. Johnston	0906 - 0935	0.1
	J.H. Johnston	0935 - 1058	0.3
	C.N. Cunningham	0911 - 0935	0.7
	T.G. Grant	1045 - 1145	0.8

REPORT PREPARED BY

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