UNION CARBIDE

INTERNAL CORRESPONDENCE

File

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

o (Name) Mr. D. L. Johnson
Division 511-5518 - Institute Plant
ocation

Date April 9, 1980

Originating Dept Technical Center IH/EP

Subject Asbestos Monitoring at Institute #1 Powerhouse

Copy to Mr. G. F. Hurley
Mr. L. R. Noble
Mr. H. L. Robinson
Mr. E. C. Shipley
Mr. E. J. Tawney

Copy to C.W.C 4/10/80

PLAINTIFF'S EXHIBIT

UC-3226

PROJECT

Monitor employee exposure to airborne asbestos fibers during removal of insulation from the #2 boiler in the #1 Powerhouse at Institute.

DATE OF SURVEY

April 3, 1980

DISCUSSION

Four Construction employees, three insulators and one laborer, removed insulation from boiler #2 on the third level in the Institute #1 Powerhouse. All employees wore disposable coveralls, gloves and respirators. The insulation was wetted before and during removal and the area was barricaded. An insulator, Mr. B. M. Beckett, and a laborer, Mr. R. D. Ward, wore personal samplers during the removal and bagging operations.

The air concentrations of the four samples taken ranged from 0.17 to 0.41 fibers per cubic centimeter of air (f/cc). Since there was no other exposure to asbestos the rest of the day, the eight-hour time-weighted average (TWA) exposures were 0.06 and 0.07 f/cc. The OSHA permissible exposure limit for an eight-hour TWA is 2 f/cc.

DATA

(Continued on next page)

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DATE	SAMPLE	SAMPLING TIME	AIR CONC. (f/cc)	TWA (f/cc)
3/3/80	B.M. Beckett	0825-0945	0.23	-
3/3/80	B.M. Beckett	1010-1053	0.41	0.07
3/3/80	R.D. Ward	0825-0945	0.17	-
3/3/80	R.D. Ward	1010-1110	0.26	0.06

REPORT PREPARED BY

W. F. Blythe Jr.

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WFBJr/sc

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