

PLAINTIFF'S EXHIBIT

UC-2687

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INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS

P. O. BOX 8361, SOUTH CHARLESTON, WEST VIRGINIA 25303

To: Mr. D. L. Johnson
From: 511-5518 - Institute Plant
Date: April 9, 1980

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Originating Dept: Technical Center IH/EP

cc: Mr. G. F. Hurley
Mr. L. R. Noble
Mr. H. L. Robinson
Mr. E. C. Shipley
Mr. E. J. Tawney

Subject: Asbestos Monitoring at
Institute #1 Powerhouse

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

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4/9/80

<u>DATE</u>	<u>SAMPLE</u>	<u>SAMPLING TIME</u>	<u>AIR CONC. (f/cc)</u>	<u>TWA (f/cc)</u>
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

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