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UNION CARBIDE CORPORATION — INTERNAL CORRESPONDENCE

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

To (Name) Mr. J. R. Hall
Division Building 202 (514)
Location

Date March 27, 1980
Originating Dept. Technical Center III/EP
Subject Asbestos Monitoring, South Charleston Plant

Copy to Mr. G. F. Hurley
Mr. B. Y. Lett
Mr. H. L. Reveal
Mr. C. E. Richardson
Mr. H. L. Robinson

PROJECT

Monitor Construction employees for exposure to asbestos.

DATE OF SURVEY

March 20, 1980

DISCUSSION

Two Construction insulators and two laborers removed asbestos insulation from approximately sixty feet of pipe in a rack south of Building 103. One insulator, Mr. M. L. Finney, and one laborer, Mr. D. W. Barnett, wore personal samplers. Both insulators and one of the laborers wore respirators. The insulation was wetted before and during removal and dropped to the ground where it was bagged up by the laborers. Mr. Finney's exposure was 0.6 fibers/cubic centimeters (cc) for the eighty-four minute duration of the job which would give a 0.1 f/cc eight-hour time-weighted average (TWA). Mr. Barnett's exposure and TWA was less than 0.1 f/cc. These exposures are below the OSHA permissible exposure limit of 2 f/cc for an eight-hour TWA.

To best control emissions of asbestos fibers the insulation should be bagged as close to the removal site as possible. It is not good practice to drop insulation to the ground from any height.

REPORT PREPARED BY

W. F. Blythe, Jr.

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WFBJr/sc