ETHYL CORPORATION

C. B. MYERS, M. D.

INTER-OFFICE

MAY 22 1980



To E.O. Ponti — Address BRP

From Paul E. Kennedy — Address ETC

Subject "A" Furnace Asbestos Exposures — Date May 19, 1980

On February 19, 1980 I monitored three TEL maintenance insulators for asbestos exposure. The men stripped the insulation from "A" Furnace dryer on the 11-7 shift in order to do the job with less traffic going through the area. All personnel wore long sleeves, gloves, and dual cartridge high-efficiency respirators. The insulation was wet and placed in plastic bags. The bags were then sealed, labeled, and placed in metal drums for disposal. The clothing worn by the personnel removing the asbestos was also placed in a plastic bag and sealed for disposal.

Calculation of sample results indicated an exposure range of 0.6 to 1.0 fibers (>5 µm in length) per cubic centimeter for the duration of the demolition (approximately 2 hrs.) and an exposure of 0.2 to 0.3 fibers (>5 µm) per cubic centimeter based on an 8-hour time weighted average. All exposures were well below the OSHA standard of 2 fibers per cc TWA.

The removal of insulation from a furnace dryer was well done, meeting both OSHA and good hygiene requirements. This procedure should be followed on similar asbestos handling jobs in the future.

Paul Kennedy

Paul E. Kennedy
Industrial Hygienist

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