Dept. of Medicine & Environmental Health - F.C. Meyer/J. Zack

January 9, 1979 " G. Roush, Jr., M.D.

December Monthly Summary - Epidemiology

PCB file !

TO P. O. DeGarmo

Styrene

A cohort of styrene workers from the Long Beach, Texas City, Port Plastics, and Everett plants has now been finalized for study. Montreal work history records were found inadequate for inclusion in the styrene worker cohort. A joint effort is being planned with Dr. Enterline's group to help expedite completion of the study for use in the 1979 styrene regulatory proceedings.

Acrylonitrile

Contacts are continuing to establish the vital status of the Texas City and Decatur workers who remain lost-to-follow-up. Followup of vital status is now 97% complete and study results are targeted for mid-1979.

Dioxin

One hundred fourteen Nitro workers who were exposed to dioxin in an industrial accident in 1949 have been identified for study. Follow-up of vital status is now 92% complete.

PCB's

A standardized mortality analysis of Krummrich PCB workers was completed. Eighty-nine workers who were exposed to PCB's for a minimum of six months from 1945-1965 were followed for their mortality experience. Observed deaths were not significantly different from the expected number of deaths for any of several cause-of-death categories examined, including overall cancer and any of the site-specific cancers. These observations were based on thirty deaths among these eighty-nine workers who had been exposed to fairly high levels of PCB's for an average duration of almost three years during the period of study. A somewhat high overall mortality rate and non-significant elevations of lung cancer and cardiovascular disease were seen, which warrant further examination.

Epidemi

overall

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