

ST-24

Monsanto

FROM (NAME & LOCATION)

Medical, A2SA

DATE

June 10, 1974

CC

SUBJECT

EVCl - ~~TEXAS CITY~~

REFERENCE

TO

FILE

Product - EVCl copolymers

- Residual monomer content (as drummed) - 400 to 2500 ppm
- VCM in vapor space in sealed containers - 600 to 30,000 ppm

Personnel

Assigned to dept.-total - 29
tank car unloaders - 50
(infrequent exposure)
instrument men - 44
(infrequent exposure)

Earlier VCM production - (1952-1968) 41
(37 plus 3-4 reg. assigned maint.)

Medical Status

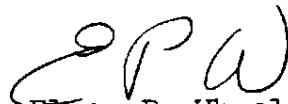
Liver function studies have been done on all of the above currently employed. One individual has been found who probably has liver disease which we believe is unrelated to VCM exposure.

Epidemiological Data

The TCA study included 84 individuals who had at least one-year work experience with VCM (but did not include the EVCl workers). This included those presently working; 5 employees who were deceased; 2 who had left; 8 retirees; and 3 unaccounted for. No deaths from cancer of the liver were found.

Current levels of exposure

Generally below 5 ppm with most samples near 1 ppm. Where levels could exceed 50 ppm, workers are wearing supplied air respirators.


Elmer P. Wheeler

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RSV 0005437