

CHEMICALS



INTEROFFICE / LAKE CHARLES

TO W. J. Peard

DATE June 13, 1980

FROM P. S. Trew

SUBJECT WTU Dispersion Study

*P.S.T.*

The dispersion study of the WTU scrubber stack shows that the maximum ground level concentration of VC, VDC, Tri, and EDC at a wind speed of 1.0 miles/hour would occur approximately 500 ft. from the stack.

The concentration of the pollutants exiting the stack is: VC - 0.003 ppm (3.6 lbs/day), VDC - 0.009 ppm (15.9 lbs/day), EDC - 0.04 ppm (84.1 lbs/day), and Tri - 0.01 ppm (46.9 lbs/day). At the point 500 ft. from the stack, the ground level concentration would be VC - 0.01 ppm, VDC - 0.03 ppm, EDC - 0.16 ppm, and Tri - 0.06 ppm.

/ap

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