

ARSENIC MONITORS AT 4 MILE RADIIUS OF STACK

APRIL 8/71

NORTH : 0.31 mpm in 17 days (0.29 mpm in 16 days)  
East : 0.26 mpm in 16 days  
South : 0.31 mpm in 16 days  
West : NOT DETECT.

AVERAGE : 0.286 mpm in 16 days.

Area of CONTAINER : 30.68 sq. in.

As. fallout : 0.286 mpm / 30.68 sq. in. / 16 days.

$$= \frac{0.286}{16 \times 30.68} \text{ mpm/sq in/day}$$

$$= \frac{0.286}{16 \times 30.68} \times \frac{6,272,640}{1000 \times 4536} \text{ lbs/acre/day.}$$

$$= \frac{1,793,975}{222,663,168}$$

$$\therefore \text{As fallout} = 0.00805 \text{ lbs/acre/day.}$$

at 4 mile radius of stack.