

Arsenic Monitors (Aerial)

July 16/71

At 1 mile radius of stack

North: 0.514^* mg/day * (corrected for difference in container size)
South: 0.854 mg/day
West: 0.149 mg/day

Average: 0.506 mg/day

Area of container = 30.68 sq. ins.

$$\therefore \text{As fallout} = \frac{0.506}{30.68} \times \frac{6,272,640}{1000 \times 453.6} \text{ lbs/day/acre}$$

$$\therefore \text{As fallout} = \underline{0.228 \text{ lbs/day/acre}}$$

At 2 mile radius of stack

North: 1.000 mg/day
South: 1.040 mg/day
East: 0.371 mg/day } AVERAGE: 0.804 mg/day

$$\text{As fallout} = \frac{0.804}{30.68} \times \frac{6,272,640}{1000 \times 453.6}$$

$$\therefore \text{As fallout} = \underline{0.362 \text{ lbs/day/acre}}$$

None sent to AKC to this effect. *[Signature]*