

Airic Monitor

MARCH 4/71

North: 2.20 mgm in 21 days.

East: 0.26 mgm in 20 days ($\equiv 0.273 \text{ mgm in } 21 \text{ days}$)

West: 0.26 mgm in 20 days ($\equiv 0.273 \text{ mgm in } 21 \text{ days}$)

South: 3.22 mgm in 19 days ($\equiv 3.559 \text{ mgm in } 21 \text{ days}$)

Average: 1.576 mgm in 21 days.

Area of container = 30.68 sq. in.

$$\therefore \text{As fallout} = \frac{1.576}{30.68 \times 21} \text{ mgm/sq. in./day}$$

$$= \frac{1.576 \times 6,272,640}{30.68 \times 21 \times 1000 \times 453.6} \text{ lb/acre/day}$$

$$= \frac{9,885,681}{292,245,408} \text{ lb/acre/day}$$

As fallout = 0.0338 lb/acre/day. at 3 mile radius of stack

0.0338 lb/acre/day @ 3 mile radius.