

To D.J.Emery; A.K.Campbell; H.E.Pawson; M.E.Lane;
File

Date January 12, 1972

From W.L.Richardson

Ref.

Subject AERIAL ARSENIC MONITORING

Tests carried out during the period December 2nd to
December 31st, 1971.

ONE MILE RADIUS OF STACK:

North 0.0683 mgr. in 29 days)
South 0.1520 mgr. in 29 days) Average: 0.00380 mgr./day

$$\text{Arsenic Fallout} = \frac{.00380 \times 6272640}{1000 \times 453.6 \times 30.68} = .001713 \text{ lbs./acre/day}$$

TWO MILE RADIUS OF STACK:

North 0.1043 mgr. in 29 days)
South 0.1360 mgr. in 29 days) Average: 0.00380 mgr./day
East 0.0894 mgr. in 29 days)

$$\text{Arsenic Fallout} = \frac{.00380 \times 6272640}{1000 \times 453.6 \times 30.68} = .001713 \text{ lbs./acre/day}$$

WLR/mw

W.L. Richardson

W.L. Richardson
Mill Chemist