

To D.J. Emery; c.c. H.P. Pauson
From C.C. Olesen
Subject Roaster Stack Filtration Test

Date June 6, 1975
Ref. _____

Sampling Date - May 26, 1975

Gas Temperature - 145°F

Gas Velocity - 10.35 ft./sec

Gas Volume - 38,738 c.f.m.

Weight of Arsenic lost to atmosphere - 273.01 lbs/day

Arsenic in Roaster Feed - 20,240

Arsenic in Roaster Calcine - 3,260

Arsenic in Cottrell Dust - 730

Arsenic to Baghouse - 16,200

Baghouse Collection Efficiency = 98.31%

Total Collection Efficiency = 98.39%