

K. Morton c.c. W.A. Moore✓

August 26, 1977

C.Q. Olesen

Roaster Stack Filtration Test

Sampling date - June 20, 1977

Gas temperature	-	160	°F
Gas velocity	-	11.17	ft./sec.
Gas Volume	-	41,820	c.f.m.
Weight Arsenic lost to atmosphere	-	621	lb./day
Arsenic in Roaster feed	-	23,900	lbs.
Arsenic in Roaster calcine	-	3,680	lbs.
Arsenic in Cottrell dust	-	760	lbs.
Arsenic to Baghouse	-	19,460	lbs.
Baghouse collection efficiency	-	96.81	%
Total collection efficiency	-	96.93	%

CQO/ct