

To D.J.E.;G.A.;K.M.;

Date October 13, 1977

From C.Q.O.

Ref.

Subject ROASTER STACK TEST (ISOKEINETIC TESTING)

Sampling Date October 6, 1977

AMBIENT TEMPERATURE -	32°F
STACK TEMPERATURE	206°F
DRY GAS VOLUME	62.887 cubic ft.
MOISTURE CONTENT	6.94%
STACK GAS VELOCITY	10.48 fps
STACK VOLUME	28523 scfm
TOTAL PARTICULATE WT.	.0222 gr/scf
TOTAL ARSENIC WT.	.0180 gr/scf
ARSENIC TO FILTER & PROBE	.0128 gr/scf
ARSENIC TO IMPINGERS	.0052 gr/scf
PARTICULATE EMISSION RATE	5.43 lb/hr or 130.32 lb/day
TOTAL ARSENIC EMISSION RATE	4.41 lb/hr or 105.84 lb/day
PERCENT ISOKEINETICITY	105.09