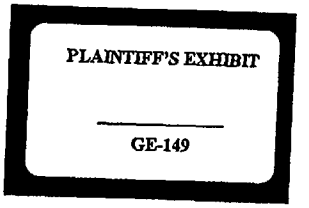
November 14, 1949

MEMORANDUM



To: Doctor Vorwald

From: Mr. Urban

Subject: GENERAL ELECTRIC SILICA FUME TEST.

Our studies of the comparison of performance of the electrostatic precipitator and filter paper sampler (AEC model pump) have demonstrated a variance in air flows from those indicated by the manufacturers.

Based upon three (3) short test runs only, the electrostatic precipitator was 2.5% off. The filter paper sampler was about 125% off in a low air flow range. Only one sample point with this instrument was tested.

Both these instruments are scheduled for final calibration at Doctor Wright's laboratory this week, Tuesday, November 15, 1949, if possible.

All the filter paper samples collected for the G.E. fume test to date were run at the same sample rate of .005 cubic meters per minute. The values recorded to date can be properly adjusted by the correction factor which will be developed before they are presented to the General Electric Company.

E. C. J. Urban

ECJU:bw