

January 3, 1985

TO : S. W. Ellis Jr.

FROM : David Horecka

ROLLAWAY PORTABLE DUST COLLECTOR: BIANNUAL CHECK

The air intake velocity of the Tepco Model 21 Rollaway dust collector in Central Shops was checked on January 3, 1985. Ten measurements were taken at the face of the cone using an Alnor Thermo Anemometer, Type 8500. The average face felocity reading was 997.5 fpm. The air volume was *685.28 cfm, which compares to the manufacturer specifications of 686 cfm. The collector is performing almost exactly to manufacturer specifications.

* Based upon the following: Area of Cone = .687 ft²
cfm = AV (at face)

DUP 0814685

DU 009967