

November 14, 1939

International Resistance Co.
1100 Terminal Commerce Bldg.
Philadelphia, Pa.

Gentlemen;

I am constructing a piece of apparatus for which I will need several hundred resistors of the carbon type. I am greatly in need of some accurate information concerning the stability of such resistors. The initial tolerance is not so important for these resistors can be measured and any slight variations allowed for, but, in order that the apparatus remain in continuous operation, it will be necessary that the values remain fixed within small limits.

Any information that you can give me concerning the factors which cause variation in the values of carbon resistors and any actual results of tests which portray the typical life history of such resistors which you can give will be appreciated.

Sincerely

J. V. Atanasoff
Assoc. Prof. of Physics

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