

RESEARCH CORPORATION

DIVISION OF GRANTS
405 LEXINGTON AVENUE
NEW YORK 17

CHARLES H. SCHAUER
VICE PRESIDENT and SECRETARY

September 15, 1961

Dear Mr. Reber:

Orders for the additional wire and rods you need have been placed, and I'm getting information from an outfit here in the city on the Silastic items which you wanted.

Sid Ross of 315 S. Chestnut, Lafayette, Louisiana, writes that he has "one brass base UV-201-A Tube; will trade for (2)-5R4 tubes."

The receipt for payment of the \$71.77 due on your income tax for 1960 has come in. I'll hold it here unless you want it sent to you.

Commonwealth Edison Co. reports a 2-for-1 stock split. The present certificates will continue to be valid. After Sept. 22, the effective date of the split, your present \$25 par value stock certificates will represent the same number of new \$12.50 par value shares; additional \$12.50 par value stock certificates will be mailed about Oct. 27 so that you will then have two \$12.50 par shares for each \$25 par share held before the split. Query: Will you want these certificates mailed to you?

Commonwealth is also having a stock dividend of 2% payable on the common stock: 1/25th of a new \$12.50 par value share for each old \$25 par value share held. About Sept. 29 they will ask whether you wish to receive the dividend stock or have it sold for you.

The Pittsburgh and Lake Erie Railroad Co. is offering to purchase your shares of capital stock of the Company, of the par value of \$50 each, at a cash price of \$100 per share. The offer will terminate on Oct. 2. (The last sale price of the stock on the American Stock Exchange prior to Sept. 7, the date of the public announcement of the purchase proposal, was \$95 1/2 per share.) If you want to sell your stock, the enclosed letter of transmittal must accompany your certificates. The offer terminates on October 2. (Sorry; I'm repeating myself!)

Did I report to you that you had received some iron auto wheels from Hawaii (shipped to Bound Brook).

Floyd Clymer is sending you a copy of "Radio and Wireless 1905-1928" and hopes you will consider it worthy of a review. Do you want it sent to you? It's a pictorial album of experimental receiving and broadcast equipment by Harold S. Greenwood.

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I am sorry to say that I overlooked a request in your June 16th letter and have only just turned it up again. You asked about the New York Times. Their air mail (international) edition is printed in Paris and the subscription rate to Australia is \$20.40 per month; \$56.25 for 3 months; \$107 for 6 months; and \$204 for a year. Their regular ^{Sunday} edition from New York is available on subscription to Australia (by boat mail) at the following rates: 3 months, \$13.95; 6 months \$25.60; 1 year \$46.50. Air mail would be something like \$4.00 per copy, as you can imagine. The "Wednesday and Saturday" deal which you inquired about would come under something the Times calls a "freak subscription." The rate on this, for boat mail, is \$7.50 per day per year. Air mail would be about \$4.00 per copy additional, or about \$8.00 per week. So what are your wishes in the matter? There is the additional suggestion that someone pick up just the Times' "News of the Week" section from the Sunday paper and send that to you each Monday by air mail. I don't know how much that would be but we could try it if you like.

You have received the following reprints since my last report (as usual I assume you will let me know if you want any of them):

Rensselaer Observatory Publications:

The Effect of Orientation of Non-Spherical Particles on Interstellar Extinction, by J. Mayo Greenberg and A.S. Meltzer.
The Sizes of Interstellar Grains, by J. Mayo Greenberg
Cosmic Noise and the Atmosphere, by Robert Fleischer and Raymond E. Falconer.

From the National Academy of Sciences:

Revised Report of the Academy's ad hoc Working Group on Frequency Allocations for Radio Astronomy under the chairmanship of Dr. A. E. Lilley.

From Calif. Inst. of Technology Radio Observatory:

The Brightness Distribution in Extraagalactic Radio Sources, by A. T. Moffet and P. Maltby.

Items from Mullard Radio Astronomy Observatory:

Radio Astronomy and Cosmology, by Prof. Martin Ryle.
An Examination of the Steady-State Model in the Light of Some Recent Observations of Radio Sources, by M. Ryle and R. W. Clarke.
Some Attempts to Detect Linear Polarization of Galactic Radio Emission from the Spur at $l_{II}=30^\circ$, by I. I. K. Pauliny-Toth, J. E. Baldwin and J. R. Shakeshaft.
Radio Emission from the Perseus Cluster, by Patricia R.R. Leslie and B. Elsmore.

Mullard Observatory items (continued):

First Results of Radio Star Observations Using the Method of Aperture Synthesis, by P.F. Scott, M. Ryle and A. Hewish.
The Surface Brightness of Radio Sources at Galactic Latitudes Greater than 20° , by Patricia R. R. Leslie.
The Relaxation Between the Optical and Radio Magnitudes of Galaxies, by R. J. Long and D. R. Marks.
A Comparison of Three Surveys of Radio Stars, by A. S. Bennett and F. G. Smith
Secular Variation of the Flux Density of the Radio Sources Cassiopeia A, by J.A. Hogbom and J.R. Shakeshaft.
Radio Emission from Normal Galaxies, by Patricia R.R. Leslie.
The Radio Telescope for 7.9 Metres Wavelength at the Mullard Observatory, by C.H. Costain and F.G. Smith.
The Radio Spectrum of the Andromeda Nebula, by J. E. Baldwin and C.H. Costain.
R.F. Switching Circuits and Hybrid Ring Circuits Used in Radio Astronomy, by F.G. Smith.

Mr. Schauer sends best wishes.

Sincerely,



Enclosure