

March 6, 1947

Dear Mr. Matthews:

Re: The Troy Record Company
Troy, N. Y.

I wish to confirm the sense of our conversation this afternoon in collaboration with your Commercial Manager, Mr. L. J. Mayer, relative to serving my above client with three phase, 60 cycle, 110/220 volt power at the proposed site of their FM broadcast station near Cropseyville in Rensselaer County adjacent to District School #7.

The transmitter will have an output of 3 KW and power input of 8.5 KW at 90% power factor. The power supply to the transmitter should be 208/220 volts, plus or minus 5%, 50/60 cycles, three phase. Lighting circuits at the station will be 110-120 volts which I presume you can provide off of a three wire 115/230 volt line, using the outside legs for the higher potential requirements.

It is difficult at this time in advance of our known auxiliary lighting and power load to give you accurate power demand capacity for the transformer bank you will have to install at the proposed site. However, to be on the safe side until better power determinations can be made, I suggest a power demand of not less than 25 Kva.

Our date for service will be approximately July 1, 1947.

It is my understanding that you will set your engineering staff at work immediately in a survey of the proposed area incident to developing a proposition for my client.

It was also suggested that it may be mutually practical and advantageous for your company and the New York Telephone Company to co-operate in this proposed project in view of the likelihood of new lines having to be installed into this area. It would also be quite helpful if both of your organizations could have the over-all information available to my client at approximately the same time.

Yours very truly,

Mr Geo Matthews
New York P & L Corp
Troy NY

Ernest A. Barbeau

CC- P L York