

ERNEST A. BARBEAU
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Sunday, March 9, 1947

Dear Frank:

I had a telephone call last evening from Mr. L. J. Mayer of New York Power & Light Corporation as a follow-up of our discussion Thursday on the power situation for your transmitter station.

Apparently they have discovered that there already exists single phase 120/240 volt 60 cycle service at District School #7.

When we talked about it the other day they said that the single phase service closest to the site was at the junction of country road with the state road at Cropseyville. It is obvious that they overlooked the line serving the school. I feel greatly relieved to the extent that at least we can provide interim FM service with the 250 watt exciter of your 3 KW transmitter pending three phase power which Mr. Mayer said was a possibility by fall of this year at a cost of approximately \$2000 to \$2500. The 250 watt exciter can be operated off a single phase power line whereas the 3 KW transmitter of which the exciter ~~was~~ is a part must operate off of three phase service.

I am asking General Electric if it is possible for them to redesign the 3 KW transmitter to enable single phase operation. I doubt that it can but it is worth trying. I had asked this question previously for another client but have not had a conclusive answer to date. At Syracuse tomorrow I will get a decision.

I asked Mr. Mayer about this estimated cost of \$2000 - \$2500 for the three phase service - whether it would be a cost charged against the Record Company or absorbed by them, but he could not tell me and said it was only a very rough estimate and would later develop a definite proposal. You will hear from him within the next few days.

This morning (Sunday) I received your registered package containing Barron's (copy of) engineering report filed with FCC on the present approved site.

As near as I can determine without checking with Gautney, the copy made by your secretary is O.K. At least it serves the purpose for which I want it. At some later date I will check with Gautney as to accuracy. He probably will send me a complete copy together with contours and profiles which I requested the other day.

The Sycaway property at Hoosick Street and Lake Avenue sounds quite interesting if the elevation is 404 feet. Line of sight at that location might reasonably be possible with the erection of an ST transmitting antenna of sufficient height to get over the intervening 500 and 600 ft. pinnacles. The next time I am in Troy I will make it a point to examine this property and check its possibilities.

However, we must first exhaust every conceivable possibility as to both power and hi-fidelity wire line service at the transmitter site for operation of your studios in down-town Troy business section. Going out of town to the suburbs would have certain commercial disadvantages which we must avoid if possible to remain competitive with WTRY. In my opinion, a down-town studio location is far preferable for Troy than it might be for other situations like Oswego where no station presently exists. The same applies to Lockport and many other similar cities where competition is not evident.

Of course, the Troy Record Company may have reasons of its own why studios located elsewhere than in business section environment might not be a handicap. It is even conceivable that your group may see advantages for a site at Sycaway which is not apparent to me.

In any event, let us do a lot of careful thinking about what is best to do and with our combined ideas we may come up with the proper move to make. It is suggested that other members of your group may contribute some ideas along these lines which may be helpful and constructive.

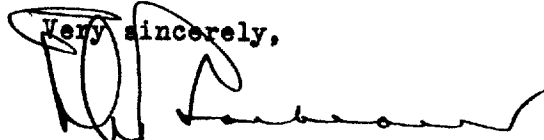
If the New York Telephone Company can provide us with hi-fidelity wire line service - zero to 15,000 cycle frequency response, we need not concern ourselves with studio location other than in the business section since, of course, their lines would preclude the necessity of using the ST (studio-to-transmitter) relay link. But, from my talk with the telephone people the other day, they were anything but encouraging.

Let us hope that they may discover something in their over-all Rensselaer County service areas whereby they may be able to serve us. The power company made a discovery. Perhaps the former may do likewise. If they do, our worries are over.

I am leaving tomorrow for Syracuse. You can reach me Tuesday at General Electric Company's Thomson Road plant care of W. R. David in case there is something you wish to consult me about. On Wednesday I will be at Oswego and on Thursday at Lockport. If all works out well, I will be home Friday on the Empire State Express.

I will contact you immediately upon arrival.

Very sincerely,



Ernest A. Barbeau

Mr Frank L. York
General Manager
Troy Record Co
Troy
New York

EAB/KW