

C O P Y

FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C.

May 19, 1938

Broadcast Station WCCO
485 Madison Avenue
New York, N.Y.

Gentlemen:

The Engineering Department of the Commission has started a series of field intensity recordings of several broadcast stations. Beginning May 17, 1938, and every fourth day thereafter, WCCO is to be recorded at Grand Island, Nebraska. It is hoped that Station WCCO will cooperate in this program in the following ways:

1. By sending a copy of the station log of the antenna current for each day that WCCO is recorded (i.e. for the dates May 17-18, 21-22, 25-26, etc. at four-day intervals) to the Commission's office at Grand Island.
2. By maintaining all antenna coupling connections and meters in a fixed relation to the antenna as nearly as possible.
3. By notifying the Commission of any changes in the antenna or coupling system that might affect the relation of radiated power and antenna current.

It is expected that a careful determination will be made of the effective field of WCCO in the direction of Grand Island at a later date, but it may be several months before this can be done.

Very truly yours,

T. J. Slowie
Secretary

C O P Y

To: Messrs. Runyon, Chamberlain, Grossman, Porter, Falknor,
 McCartney, Bowman
From: E. K. Cohan

5/24/38

The attached copies of recent correspondence between this office and the FCC are self-explanatory. It is the desire of the FCC to obtain cumulative data on long distance skywave transmission in the broadcasting bands and to attempt to correlate it with solar activity.

These measurements will undoubtedly continue for an extended period of time and, while they will impose certain additional work on the stations involved, we most certainly want to do everything we can to cooperate with the FCC, as well as to contribute to the advancement of knowledge in the radio field.

Messrs. Bowman and McCartney will therefore proceed to comply with the instructions of the FCC as contained in the attached copy of their communication, forwarding to this office copies of any communications to any of the Commission offices relating to this subject.

E.K.C.