

RADIO LICENSE HOLDING CBC, LLC
NEW FM TRANSLATOR STATION
CH 255D - 98.9 MHZ - 0.05 KW
BUFFALO, NEW YORK
December 2017

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Radio License Holding CBC, LLC (“RLH”). RLH herein seeks to establish a new FM translator station to retransmit the signal of its co-owned AM station WBBF, 1120 kHz, Buffalo, New York, pursuant to DA 17-533, released June 6, 2017. This long-form application is being submitted pursuant to DA 17-1069, released November 1, 2017.

The proposed new FM translator’s antenna is to be located on an existing structure which has been registered with the FCC and assigned Antenna Structure Registration Number 1011744. In the process of preparing this application, it was found that the geographic coordinates of the actual tower site and the Antenna Structure Registration (1011744) were not in agreement. The FAA has been notified of the correction of coordinates. When the expected Determination of No Hazard to Air Navigation is received from the FAA, the Antenna Structure Registration will be modified to reflect the correction of coordinates.

RLH proposes to rebroadcast the signal of AM station WBBF, 1120 kHz, Buffalo, New York on the proposed new facility. The proposed new translator's 60 dBu contour is within the 2.0 mV/m contour and 25.0 miles (40.0 kilometers) of the WBBF site; therefore, the new translator is considered a fill-in translator. Exhibit A is a map demonstrating compliance with the fill-in requirements.

Exhibit B is a study demonstrating that the proposed new translator will not cause interference to any full service station, nor will interference be delivered to or received from any existing FM translator or LPFM application.

Due to the co-location of the proposed new translator's antenna with an AM station and high power FM stations, the worksheets associated with FCC Form 349 could not be used to demonstrate compliance with the Commission's human exposure guidelines for radio frequency radiation. Exhibit C documents compliance with the radio frequency radiation guidelines.

All other necessary documentation used to certify the technical portion of FCC Form 349 has been forwarded to RLH and is available to the Commission upon request.¹

1) The undersigned has evaluated only the radio frequency radiation exposure portion of the environmental review. All data regarding broadcast facilities was extracted from the Commission's CDBS database on the date of this application. We assume no liability for errors or omissions in that database which may be adverse to the request contained herein.