

NEW AUXILIARY FM ANTENNA
RADIO POWER, INC.
W261AX (FM TRANSLATOR) RADIO STATION
CH 261D - 100.1 MHz - 0.099 kW
PITTSBURGH, PENNSYLVANIA
March 2018

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Radio Power, Inc. ("Radio Power"), licensee of FM translator station W261AX, Channel 261D, Pittsburgh, Pennsylvania. Radio Power requests permission to construct a new auxiliary FM antenna system for W261AX for use when the main system is out of service for repairs or maintenance. The proposed auxiliary system will operate with an effective radiated power of 0.099 kilowatt.

Radio Power is proposing to locate the new auxiliary antenna on an existing tower that has been registered with the FCC (Antenna Structure Registration Number 1225839); as such, the Federal Aviation Administration was not apprised of this proposal. Although this is a proposed auxiliary antenna system, we are including an allocation and interference review.

Radio Power will re-broadcast AM station WAMO, Wilkinsburg, Pennsylvania (Facility ID 25732). The proposed auxiliary translators's 60 dBu contour is within 25.0 miles (40.0 kilometers) of the WAMO site; therefore, the new translator is considered a fill-in translator. Exhibit A is a map demonstrating compliance with the fill-in requirements and illustrates the proposed W261AX 60 dBu contour lies completely within the licensed 60 dBu contour.

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 any existing FM translator or LPFM application. Exhibit C demonstrates compliance with the Commission's human exposure guidelines for radio frequency radiation.

All other necessary documentation used to certify the technical portion of FCC Form 349 has been forwarded to Cumulus 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.