

Further Amendment Application Engineering Statement

Channel Displacement Application of WYFX-LD Youngstown, OH April 18, 2019

This Engineering Statement has been prepared on behalf of NEXSTAR BROADCASTING, INC. (NEXSTAR), licensee of television station WYFX-LD Youngstown, OH. WYFX-LD currently operates on channel 19 and is being displaced by the Incentive Auction repack allotments of channel 19 to WKYC Cleveland, OH (94.6 km) and channel 20 to WPGH Pittsburgh, PA (82.5 km).

Initially WYFX-LD filed a displacement application to move from channel 19 to channel 32 with an effective radiated power (ERP) of 15 kW. Subsequently a modification amendment was filed to reduce the ERP from the 15 kW proposed in its original displacement application to 5.3 kW to eliminate the predicted interference caused to the facility described in construction permit LMS file number 0000001539, facility ID 55107, WRAP-LP channel 32 Cleveland, OH. The amended application at 5.3 kW was granted.

The permittee of LMS file number 0000001539 has now requested in a letter to the Commission (copy attached) that this construction permit be canceled and that their pending application LMS file number 0000058798 be dismissed. In view of this, WYFX-LD is proposing to increase its ERP to the originally requested 15 kW.

An analysis using the FCC's TVStudy software and its default settings has indicated that WYFX-LD could increase power to 15 kW utilizing the previously authorized channel 32 facility without causing any new interference above the allowable limits. The study was performed without including the two WRAP-LD facilities noted above. The power increase being requested in this application will allow WYFX-LD to regain coverage to its current service population while not causing interference above the de minimis limit to any other authorized facilities. A copy of the TVStudy analysis results verifying no predicted interference above the de minimis limit to other authorized facilities is provided as an attachment to this amendment application.