

MINOR CHANGE APPLICATION
NEW AUXILIARY FM ANTENNA
RADIO LICENSE HOLDING CBC LLC
WXTA (FM) RADIO STATION
CH 250B1 - 97.9 MHZ - 1.4 KW
EDINBORO, PENNSYLVANIA
March 2016

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Radio License Holding CBC LLC ("RLH"), licensee of FM radio station WXTA, Channel 250B1, Edinboro, Pennsylvania. RLH requests permission to construct a new auxiliary FM antenna system for WXTA 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 1.4 kilowatt.

RLH is proposing to locate the auxiliary antenna on an existing tower; as such, the Federal Aviation Administration was not apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1026442. The antenna to be used by WXTA is already installed on Tower 1 of the WRIE, Erie, Pennsylvania antenna array and has been on that tower for many years, as this site was the licensed main site for WXKC several decades ago.¹ As there will be no change to the WRIE antenna array by implementation of this facility, it is requested no pre- or post-construction measurements condition be placed on the requested construction permit. Since this is a proposed auxiliary antenna system, no allocation review, community coverage issues, main studio location, or interference issues are considered in this instant application.²

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- 1) The FM antenna mounted on Tower 1 is noted in the 1971 WRIE proof of performance. The proposed WXTA auxiliary and proposed WXKC auxiliary will share the antenna.
 - 2) There are no stations with an Intermediate Frequency (IF) relationship near the proposed auxiliary site.

Exhibit A is a map showing the proposed WXTA auxiliary facility's 60 dBu contour will not extend beyond that of the licensed WXTA's 60 dBu contour. It is proposed to co-locate the WXTA auxiliary antenna on one of the towers in the WRIE AM, Erie, Pennsylvania array which consists of two towers during daytime operation and four towers during nighttime operation.³ As such, the worksheets associated with Form 301 could not be used to certify compliance with the Commission's radio frequency radiation limits. Therefore, attached as Exhibit B is a study that shows the proposed WXTA auxiliary facility will comply with the Commission's RF exposure requirements.

All other data used to certify the information contained in the application has been forwarded to RLH and is available for submission to the Commission upon request.⁴

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- 3) RLH is also submitting an application for a new auxiliary antenna system for WXKC, Erie, Pennsylvania to be co-located on this same tower and share the proposed three bay antenna.
 - 4) The undersigned has evaluated on the radio frequency radiation exposure limits of this proposal. Further, all data regarding broadcast facilities was extracted from the CDBS database on the date of this application. We assume no liability for errors or omissions in that database that may be adverse to the requests contained herein.