

AMEND BXPB-20050425ACG
NEW AUXILIARY FM ANTENNA SYSTEM
WXTU LICENSE LIMITED PARTNERSHIP
WXTU RADIO STATION
CH 223B - 92.5 MHZ - 2.89 KW
PHILADELPHIA, PENNSYLVANIA
September 2006

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of WXTU License Limited Partnership ("WLLP"), licensee of FM radio station WXTU, Channel 223B, Philadelphia, Pennsylvania. WLLP has a pending application for a new auxiliary FM antenna system for WXTU for use when the main system is out of service for repairs or maintenance (BXPB-0050425ACG). WLLP herein proposes to amend the application by reducing the effective radiated power to 2.89 kilowatts to prevent the 60 dBu contour of the auxiliary antenna from extending beyond the 60 dBu contour of the main station. The WXTU auxiliary antenna system, which is a shared antenna system, is already installed on an existing tower. It is noted this is to be a second auxiliary facility for WXTU.¹

Since WLLP is proposing an auxiliary antenna on an existing tower, the Federal Aviation Administration has not been apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1231524. Since this is a proposed auxiliary antenna system, no allocations, community coverage, main studio location or interference issues are considered in this instant application.² Attached, as Exhibit A, is a map

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- 1) The WXTU auxiliary authorized in BLH-19970110KB is not changed by this instant application.
 - 2) There are no Intermediate Frequency ("IF") stations within 50 kilometers of this proposal.

which shows the proposed auxiliary facility's 60 dBu contour will not extend beyond that of the licensed WXTU 60 dBu contour.

Further, since the proposed WXTU auxiliary antenna location is shared with many other FM and TV facilities, a radio frequency radiation compliance statement is attached as Exhibit B. It is noted that the proposed location for the WXTU auxiliary antenna is 0.5 kilometer (0.31 mile) from the site for directional AM station WNWR, 1540 kHz, Philadelphia, Pennsylvania.³ WLLP plans to operate the WXTU auxiliary using an antenna system already installed on the tower.⁴ As such, no construction on the tower will be necessary to allow the WXTU auxiliary antenna to implement service. Therefore, it is respectfully requested that the herein sought permit not be conditioned with the requirement for pre- or post-construction field strength measurements on WNWR. All other data used to certify the information contained in the application has been forwarded to WLLP and is available for submission to the Commission upon request.

3) There is a pending application to re-license to Bala Cynwyd, Pennsylvania, at its licensed site.

4) The antenna system is a panel antenna system designed for multiple station operation.