

APPLICATION FOR STATION LICENSE
WXTU LICENSE LIMITED PARTNERSHIP
WXTU RADIO STATION - AUXILIARY FACILITY
CH 223B - 92.5 MHZ - 2.9 KW
PHILADELPHIA, PENNSYLVANIA
October 2007

TECHNICAL STATEMENT

This Technical Statement was prepared on behalf of WXTU License Limited Partnership ("WLLP"), licensee of radio station WXTU, Channel 223B, Philadelphia, Pennsylvania.

WLLP holds an outstanding permit to construct a new auxiliary site for WXTU (BXPB-20050425ACG). This instant application seeks a license to cover the outstanding permit. A calculation of the transmitter power output of the WXTU auxiliary transmitter is attached as Exhibit A.

There are three operating conditions/restrictions on the WXTU auxiliary permit. As WXTU shares an antenna system with other stations, Condition #1 requires that sufficient measurements be taken to show that no spurious emissions result from the sharing of the antenna. Attached as Exhibit B is a report showing that, with all stations operating into the shared antenna, WXTU has no spurious emissions. As such, WXTU is in compliance with §73.317 of the rules.

The second condition states that prior to construction of the tower on which the WXTU auxiliary antenna is to be installed, WLLP must notify AM station WNWR, Philadelphia, Pennsylvania, so it can determine power by the indirect method. Further, that prior to and following construction, sufficient measurements (partial proof) be made on AM station WNWR,

Philadelphia, Pennsylvania, to show the station was not impacted. This condition is unnecessary.

The tower on which the auxiliary antenna system for WXTU is to be located (including the antenna and associated transmission line) existed prior to the submission of the application for permit, as indicated in that application. Any impact to WNWR was addressed when the tower was originally constructed in 2003. The only change made to accommodate WXTU's use of the antenna was the installation of the transmitter in the building at the base of the tower, and a connection of the transmitter into the antenna combiner, which is also located in the building at the base of the tower. No tower changes were necessary nor were any made. As such, it is believed that Condition #2 is unnecessary and should be waived.

The remaining condition states that WLLP will reduce the power of WXTU or cease operation, as needed, to insure that persons with access to the tower will not be exposed to radio frequency radiation levels in excess of the Commission's guidelines. WLLP will comply with this requirement.

Based on the foregoing, it is believed that the WXTU auxiliary facility is in compliance with the Commission's rules and that all conditions, which apply, have been met.