

**MINOR CHANGE APPLICATION**  
**NEW AUXILIARY FM ANTENNA**  
**WDAS LICENSE LIMITED PARTNERSHIP**  
**WRDW-FM RADIO STATION**  
**CH 243B - 96.5 MHZ - 5.0 KW**  
**PHILADELPHIA, PENNSYLVANIA**  
**August 2005**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of WDAS License Limited Partnership ("WLLP"), licensee of FM radio station WRDW-FM, Channel 243B, Philadelphia, Pennsylvania. WLLP requests permission to construct a new auxiliary FM antenna system for WRDW-FM 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 5.0 kilowatts.<sup>1</sup>

WLLP is proposing to use an antenna system and transmission line already installed on an existing tower. As such, the Federal Aviation Administration was not been apprised of this proposal. The tower has been registered and assigned Antenna Structure Registration Number 1026755. Since this proposal is for an auxiliary antenna system, no allocation review, community coverage issues, main studio location or interference issues are considered in this instant application. Attached, as Exhibit A, is a map which shows the proposed auxiliary facility's 60 dBu contour will not extend beyond that of the licensed WRDW-FM 60 dBu contour. Further, because the WRDW-FM auxiliary antenna is co-located with other high power

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1) The system will ultimately be used for HD/digital operations for WRDW-FM.

FM stations and TV stations, the use of the worksheets associated with FCC Form 301-FM could not be used to certify compliance with the RF exposure limits. Therefore, attached as Exhibit B is a study which shows the proposed facility, in conjunction with other users at the site, complies with the radio frequency radiation limits at the base of the tower.

It is noted that the tower on which the proposed WRDW-FM auxiliary antenna is located is within 3.2 kilometers of WNWR, 1540 kHz, Philadelphia, Pennsylvania. WNWR operates a directional antenna system. As denoted above, the antenna and line to be used for the WRDW-FM auxiliary antenna system is already installed on the tower (it was previously used by another station and was never removed). As such, no construction on the tower is needed to implement this proposal. As such, WNWR will not be impacted by this proposal. Therefore, it is respectfully requested that no conditions regarding pre-construction or post-construction measurements, with respect to WNWR, be placed on the herein requested permit. 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.