RELICENSE MAIN AS AUXILIARY
WDAS LICENSE LIMITED PARTNERSHIP
WRDW-FM RADIO STATION
CH 243B - 96.5 MHZ - 15.2 KW
PHILADELPHIA, PENNSYLVANIA
June 2007

TECHNICAL STATEMENT

This Technical Statement was prepared on behalf of WDAS License Limited Partnership ("WLLP"), licensee of radio station WRDW-FM, Channel 243B, Philadelphia, Pennsylvania. WLLP herein proposes to relicense its former main as an auxiliary (BMLH-20040623ABQ).[1] Further, it is requested that the power of the proposed auxiliary be 15.2 kilowatts, rather than the former 17.0 kilowatts to keep the 60 dBu contour from extending beyond that of the new WRDW-FM main facility (BLH-20070622ADS). As this is a request for an auxiliary facility, there is no city coverage requirement or multiple ownership study needed. Aside from the reduction of power, no other change is proposed. A calculation of the transmitter power output of WRDW-FM auxiliary facility is attached as Exhibit A.

This proposed auxiliary facility complies with §73.1675(a) of the rules. As indicated on Exhibit B, the proposed 60 dBu contour of the auxiliary is contained within the licensed contour of WRDW-FM. The proposed auxiliary will not cause the radio frequency radiation levels at the base of the tower to exceed the Commission's limits, as demonstrated in Exhibit C.

Based on the foregoing, this proposal is believed to be in compliance with the Commission's rules and regulations.

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1) A license application, BLH-20070622ADS, was filed to cover the outstanding WRDW-FM permit, BPH-20050425ABD. The facilities indicted in BLH-20070622ADS will become the new WRDW-FM main facility.

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EXHIBIT A

WRDW-FM Auxiliary Transmission System Calculations

Effective Radiated Power:	
Horizontal/Vertical	15.2 kilowatts
Antenna:	Shively Labs 6014-2/3 2 bay (three around) full wavelength panel
Horizontal gain	0.996
Transmission Line: (900 feet)	Cablewave Systems - HCC 300-50J 3 inch air dielectric 77.2% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	19.768 kilowatts

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Facilities Authorized:	Channel 243B - 96.5 MHz	
Effective Radiated Power:	15.2 kilowatts (H/V)	
Geographic Coordinates:	North Latitude	40° 02' 19"
	West Longitude	75° 14' 14"
Antenna Center of Radiation:	Above Ground	256.0 meters
	Above MSL	332.0 meters
	HAAT	266.0 meters
Antenna Structure Registration #:	1026755	