

APPLICATION TO RE-LICENCE FORMER MAIN
AS AN AUXILIARY
J. L. BREWER BROADCASTING OF CLEVELAND, LLC
WALV (FM) RADIO STATION
CH 237A - 95.3 MHZ
CLEVELAND, TENNESSEE
December 2000

EXHIBIT #A

This Statement was prepared on behalf of J. L. Brewer Broadcasting of Cleveland, LLC (“Brewer”), licensee of radio station WALV, Channel 237A, Cleveland, Tennessee. Brewer herein proposes to re-license the former main antenna system for WALV, as authorized under BMLH-19911210KC, as an auxiliary antenna system. It is noted that this antenna system is presently mounted on the antenna tower for AM station WBAC, Cleveland, Tennessee. No actual construction is necessary to implement this proposal. The transmitter power output of the transmitter located at this site will be lowered to deliver the required power to the antenna. As such, WBAC will not be impacted by this instant proposal.

In order to keep the 60 dBu contour of the proposed auxiliary facilities within that of the main WALV 60 dBu contour, the effective radiated power of the auxiliary has been reduced to 0.11 kilowatt. A calculation of the transmitter power output is attached as Exhibit #A1. A map demonstrating the auxiliary 60 dBu contour is wholly contained within the authorized main contour is attached as Exhibit #A2. Attached as Exhibit #B is a radio frequency radiation statement. Since the WALV antenna is mounted on an AM tower, the RFR worksheets could not be used to demonstrate compliance with the Commission’s RFR guidelines.

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EXHIBIT #A1

WALV Transmission System Calculations

Effective Radiated Power:

Horizontal	0.11 kilowatts
Vertical	0.11 kilowatts

Antennas:

	Collins/ERI G5CPM-3
	3 bay full wavelength
Horizontal gain	1.5588
Vertical gain	1.5588

Transmission Line:
(411 feet)

Cablewave. HCC 158-50J
1 5/8 inch air dielectric
82.6% Efficiency

Required Transmitter Power Output
To Reach Effective Radiated Power:

0.085 kilowatts