

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
RADIO STATION WALR-FM
LA GRANGE, GEORGIA
CH 281C0 100 KW 371 M

Technical Statement

This Technical Exhibit was prepared on behalf of Radio Station WALR-FM on Channel 281C0 assigned to La Grange, Georgia. The station has been constructed, program testing has commenced and therefore, licensure is now being requested. The facility was constructed pursuant to its construction permit with the authorized facilities of 100 kilowatts non-directional effective radiated power and an antenna height above average terrain of 371 meters on Channel 281C0.¹

Figure 1 is a tabulation of the RF system specifications.

Charles A. Cooper

July 22, 2004

du Treil, Lundin & Rackley, Inc.
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Sarasota, Florida 34237
941.329.6000

¹ See WALR-FM FCC Construction Permit File Number: BPH-20021011ABM.

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WALR-FM RF Transmission System Specifications

Description	System
Transmitter Power Output (48.5 kW):	16.85 dBk
Transmission Line & Connector Loss (Dielectric 4" Rigid 1,255 feet):	1.0 dB
Dielectric DCRM 6 Bay 0.75 Wavelength Spaced (2.6 Power Gain):	4.15 dB
Effective Radiated Power (100 kW):	20.0 dBk