

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
AUXILIARY (STAND-BY) FACILITY
RADIO STATION KGLK(FM)
LAKE JACKSON, TEXAS
CH 298C 3 KW 513 M

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of radio station KGLK(FM) on Channel 298C at Lake Jackson, Texas. KGLK(FM) has authorization to construct a new auxiliary [stand-by] facility.¹ By this instant application, station licensure is requested. Figure 1 is a tabulation of the RF transmission system.

Within the KGLK(FM) construction permit, spurious emission measurements are requested. This special condition was applied as both the KKBQ-FM² and KGLK(FM) will share the same auxiliary (stand-by) transmitting antenna. However, only one station at a time can be operated into the antenna system as there is no combiner for the transmitters. As simultaneous use of the auxiliary antenna by both stations is not possible, the special condition cannot be fulfilled.

Charles A. Cooper

March 8, 2010

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237

¹ See FCC Construction Permit BXPB-20091229ACS for KGLK(FM).

² See FCC License BXLH-20051107AFH for KKBQ-FM.

Figure 1

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KGLK(FM) RF Transmission System Specifications

Description	System
Transmitter Power Output (2 kW):	3.0 dBk
<i>Myat</i> Transmission Line Loss (4-1/16" Rigid) 1,756 feet:	1.3 dB
<i>Dielectric DCRM-4BP</i> Antenna Gain (2.05 Power Gain):	3.1 dB
Effective Radiated Power (3 kW):	4.8 dBk