

MINOR CHANGE APPLICATION
NEW AUXILIARY FM ANTENNA SYSTEM
KJUL LICENSE, LLC
KSTJ RADIO STATION
CH 274C - 102.7 MHZ - 8.0 KW
BOULDER CITY, NEVADA
December 2003

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of KJUL License, LLC (“KLL”), licensee of FM radio station KSTJ, Channel 274C, Boulder City, Nevada. KLL herein proposes to install an auxiliary FM antenna system for KSTJ for use when the main system is out of service for repairs or maintenance. The auxiliary antenna system will be installed on the same tower as the authorized main antenna system for KSTJ. The proposed auxiliary system will operate with an effective radiated power of 8.0 kilowatts.¹

Since KLL is proposing to install the KSTJ auxiliary antenna on an existing tower, the Federal Aviation Administration has not been apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration number 1020486. Since the proposed facility is an auxiliary, no allocations, community coverage, main studio location or interference issues are considered in this instant application. Further, since the proposed auxiliary is co-located at the same site as the KSTJ main antenna, there are no frequency implications. Attached, as Technical Exhibit #1 is a map which shows the proposed auxiliary facility’s 60 dBu contour will not extend beyond that of the licensed KSTJ 60 dBu contour.

1) This level of power is to minimize the potential contribution of the auxiliary antenna system’s radio frequency radiation emissions in the vicinity of the tower site.

Since the proposed KSTJ antenna will be located on a tower with the main KSTJ antenna system and co-located TV stations, the worksheets associated with Form 301 could not be used to demonstrate compliance with the Commission's radio frequency radiation limits. Therefore, a study was undertaken to show the proposed KSTJ auxiliary facilities are in compliance with the Commission's RFR rules (Exhibit A). All other data used to certify the information contained in the application has been forwarded to KLL and is available for submission to the Commission upon request.