

**MINOR CHANGE APPLICATION**  
**NEW AUXILIARY FM ANTENNA**  
**KJUL LICENSE, LLC**  
**KFRH RADIO STATION**  
**CH 274C - 102.7 MHZ - 12.5 KW**  
**BOULDER CITY, NEVADA**  
**July 2009**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of KJUL License, LLC ("KLL"), licensee of FM radio station KFRH, Channel 274C, Boulder City, Nevada. KLL requests permission to construct a new auxiliary FM antenna system for KFRH for use when the main system is out of service for repairs or maintenance.<sup>1</sup> The proposed auxiliary system will operate with an effective radiated power of 12.5 kilowatts.

KLL is proposing to locate the auxiliary antenna on an existing tower, as such, the Federal Aviation Administration was not apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1009985. Since this is a proposed auxiliary antenna system, no allocation review, community coverage issues, main studio location, or interference issues are considered in this instant application.<sup>2</sup>

Exhibit A is a map showing the proposed KFRH auxiliary facility's 60 dBu contour will not extend beyond that of the licensed KFRH's 60 dBu contour.<sup>3</sup> Since the auxiliary antenna system will be mounted fairly close to the ground and will operate with 12.5 kilowatts, it was not

- 
- 1) KFRH currently has a licensed auxiliary antenna system (BXLH-20050407KDQ). This instant application proposes a second auxiliary antenna system for KFRH.
  - 2) There are no stations with an Intermediate Frequency (IF) relationship near the proposed auxiliary site.
  - 3) KFRH also has an outstanding construction permit (BPH-20080627AAM). The 60 dBu contour of the proposed KFRH auxiliary facility will also be contained within the 60 dBu contour of the KFRH permit.

possible to certify compliance with the Commission's RF exposure limits using the worksheets associated with FCC Form 301. Therefore, attached as Exhibit B is a study that shows the proposed auxiliary facility will comply with the Commission's exposure requirements. The proposed KKLZ auxiliary antenna system will also be used by the authorized KCYE, North Las Vegas, Nevada auxiliary facility and the proposed KFRH, Boulder City, Nevada auxiliary facility (submitted in a separate application). Therefore, this is not a shared antenna and only one of the auxiliary systems can be operational at any given time. The antenna system was designed by Electronics Research, Inc., to be used by the three auxiliary systems, individually, as needed. Therefore, no shared antenna condition will be required.

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.<sup>4</sup>

---

4) The undersigned has evaluated on the radio frequency radiation exposure limits of this proposal. Further, all data regarding broadcast facilities was extracted from the CDBS database. We assume no liability for errors or omissions in that database that may be adverse to the requests contained herein.