



**STATEMENT OF WILLIAM J. GETZ  
IN SUPPORT OF AN  
APPLICATION FOR AUXILIARY LICENSE AND  
REQUEST FOR PROGRAM TEST AUTHORITY  
KKFS(FM) – DUNNIGAN, CALIFORNIA  
CHANNEL 288B1, 2.55 kW ERP (DA-MAX), 302 M HAAT  
FACILITY ID. 51220**

Licensee: Caron Broadcasting, Inc.

I am a Radio Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission.

This office has been authorized by Caron Broadcasting, Inc., to prepare this statement and Section III of FCC Form 302-FM in support of an Application for License and Request for Program Test Authority for the auxiliary facility associated with KKFS(FM), Dunnigan, California. The license is filed to cover the outstanding Construction Permit (FCC File No. BXPB-20030411AAY) for the new KKFS(FM) auxiliary facility. The applicant has completed construction in conformance with the Construction Permit. This statement sets forth technical details of the installation of the KKFS(FM) auxiliary antenna system.

A new, two-level, Shively 6810-2-DA, two bay, directional transmitting antenna has been installed on the existing support structure as authorized in the KKFS(FM) outstanding Construction Permit. The KKFS(FM) antenna was installed such that the antenna's radiation

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centerline height above ground level is 15.2 meters, 2.8 meters below the antenna height authorized in the outstanding construction permit. This is a permissible change pursuant to Section 73.1690(c)(2) of the FCC Rules.

The installed Shively 6810-2-DA antenna is the exact antenna specified in Special Condition #5 to the KKFS(FM) construction permit. However, because the antenna was installed 1.8 meters below the authorized antenna height, a study was performed to demonstrate compliance with the FCC's RFR guidelines. According to the FCC's FM Model program, at the reduced antenna height, the auxiliary facility is predicted to produce a maximum power density of 128  $\mu\text{W}/\text{cm}^2$  which represents only 64% of the FCC guideline value in uncontrolled RFR environments. Further, the applicant will reduce power or cease operation as necessary to protect persons having access to the site as required by the special operating condition on the KKFS(FM) construction permit.

The antenna was installed in accordance with the manufacturer's instructions and specifications. The proper installation and orientation of the directional antenna was confirmed by a licensed surveyor and engineer (see attached certifications). The attached Shively Report of Test demonstrates that the measured horizontal plane radiation pattern is within the FCC-specified maximums included as a special operating condition of the KKFS(FM) Construction Permit.

It is submitted that the KKFS(FM) antenna system has been constructed in the manner authorized under BXPB-20030411AAY and that Program Test Authority should be granted and a license should be subsequently issued for permanent operation of the KKFS(FM)

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auxiliary facility. This statement and Section III of FCC Form 302-FM were prepared by me,  
or under my direct supervision, and are believed to be true and correct.

DATED: October 23, 2003

  
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William J. Getz