CARL T. JONES
CORPORATION

STATEMENT OF WILLIAM J. GETZ
IN SUPPORT OF AN
APPLICATION FOR MODIFICATION OF LICENSE
KGFT(FM), PUEBLO, COLORADO
CHANNEL 264C, 78.0 kW ERP (DA-MAX), 676 M HAAT

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 the licensee of KGFT(FM), Pueblo, Colorado to prepare this statement and Section III of FCC Form 302-FM in support of an Application for Modification of License to report the replacement of the licensed, 4-bay, full wavelength spaced directional transmitting antenna with a new 6-bay, one-half wavelength spaced directional transmitting antenna. The facility change reported herein is permitted without the filing of an Application for Construction Permit (FCC Form 301) pursuant to Section 73.1690(c)(2) of the FCC rules.

A new one-half wavelength spaced, six-bay, Shively 6810, directional transmitting antenna, has been installed on the existing support structure such that the KGFT(FM) antenna height remains as licensed. As required by Section 73.1690(c)(2) of the FCC rules, the new measured composite directional antenna pattern does not exceed the licensed composite directional pattern at any azimuth. In fact, the directional antenna pattern represented herein

is identical to the licensed KGFT(FM) measured directional antenna pattern.

No change in the KGFT(FM) maximum effective radiated power (78 kW) is proposed herein. However, the applicant herein corrects the licensed KGFT(FM) ERP of 72.0 kW associated with the authorized one degree of electrical beam tilt. According to the antenna's vertical plane radiation pattern (See the attached Shively Report, Figure 3) the maximum power gain considering the one degree electrical beam tilt (i.e. one degree off the horizontal plane) is 4.07. Considering the antenna beam tilt, the transmission system efficiency, and the transmitter power output specified herein, the maximum KGFT(FM) ERP remains 78.0 kW, as presently licensed. Along the horizontal plane, the antenna's power gain is 4.03. Consequently, the KGFT(FM) ERP along the horizontal plane is 77 kW.

The substitution of the new, 6-bay, one-half wavelength spaced directional antenna for the presently licensed, 4-bay, full wavelength spaced directional antenna, results in a substantial decrease in the ground level power density contribution of KGFT(FM). Technical data describing the antenna system and the installation is set forth in the attached Section III of FCC Form 302-FM and the attached Report of Test prepared by Shively. The directional antenna's vertical plane radiation pattern is included as Figure 3 in the Shively Report of Test. 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).

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.

Signed: *William J. Getz*
Carl T. Jones Corporation
February 13, 2001