HUMAN EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS COMPLIANCE STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH THE GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION'S APPLICATION FOR A DIGITAL COMPANION CHANNEL (BSFDTT20060630ALB) AT THE W49AD CARROLLTON, GA TRANSLATOR SITE.

ENVIRONMENTAL IMPACT

The proposed Channel 13 digital companion channel translator facility (BSFDTT20060630ALB) would have no significant environmental impact as defined in §1.1307 of the FCC Rules. The digital transmitter, transmission line and antenna system would produce an ERP of 100 W. It was determined that the maximum lobe of radiation from the base of the tower would occur at approximately 302.3 feet from the base of the tower (356.5-foot radial distance from the antenna center). At approximately 302.3 feet from the base of the tower, the depression angle of the main lobe would be 32.0° below the horizontal. At that point, the relative field would be 0.664 and the power density six feet above the ground would be 0.0001 mW/cm². This is only 0.012% of the Maximum Permissible Exposure ("MPE") limits for Occupational/Controlled Exposure and only 0.062% of the MPE limits for General Population/Uncontrolled Exposure authorized by the American National Standards Institute ("ANSI"). Since the operation of the proposed Channel 13 translator facility would not exceed 5.0% of the MPE limit for Occupational/Controlled Exposure or General Population/Uncontrolled Exposure at any point on the ground, the proposed facility would not be considered a "significant contributor" to the RF exposure environment pursuant to OET Bulletin 65, Edition 97-01. Therefore, contributions of exposure from other sources were not accounted for in this analysis. It is safe to conclude that the emissions would be insignificant and well within the maximum allowable requirements.

If other antennas are placed on the tower in the future, the applicant will cooperate with those users by reducing or completely terminating the power to the antenna when maintenance workers are in danger from the electromagnetic radiation emanating from the antenna.

CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Telecommunications Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and has been working in the field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics in 1993. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.

KESSLER AND GEHMAN ASSOCIATES, INC.

William T. Godfrey, Jr.
Telecommunications Technical Consultant October 16, 2006