

One-Step Upgrade
WKLG (FM)
Channel 271C1 – 102.1 MHz
70 kW ERP – 131 m HAAT
Rock Harbor, Florida
June 2001

EXHIBIT #29

RADIOFREQUENCY RADIATION STUDY AND STATEMENT

This radiofrequency radiation study is being conducted to determine whether this proposal is in compliance with OET Bulletin Number 65, dated August 1997, regarding human exposure to radiofrequency radiation in the vicinity of broadcast towers. This study considers all nearby contributing stations and utilizes the appropriate formulas contained in the OET Bulletin.

The 10-bay Shively 6810-10-SS antenna system will be mounted with its center of radiation 128 meters (420 feet) above the ground at the proposed tower location and operate with an effective radiated power of 70 kilowatts in both the horizontal and vertical plane (circularly polarized). At two meters, the height of an average person, above the ground at the base of the proposed tower, this proposal will contribute, best case, less than 0.01 microwatts/sq. centimeter or far less than 1% of the allowable ANSI limit. Since this level is below the maximum contribution of 100% defined in the aforementioned bulletin, this proposal is believed to be in compliance with OET Bulletin Number 65 as is required by the Federal Communications Commission. All calculations were made in the uncontrolled mode.

Further, the applicant will post warning signs in the vicinity of the tower warning of potential radiofrequency radiation hazards at the site. In addition, the applicant will reduce the power of the proposed facility or cease operation, as necessary, to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.