

T Z SAWYER TECHNICAL CONSULTANTS

2130 HUTCHISON GROVE COURT, SUITE 100
FALLS CHURCH, VIRGINIA 22043
TELEPHONE (703) 848-2130 / (202) 642-2130

ENVIRONMENTAL STATEMENT WITH REGARDS TO MINOR MOD OF CONSTRUCTION PERMIT

WEZK-LD, KNOXVILLE, TENNESSEE
POST REPACK CHANNEL 16
FACILITY ID: 61017

WEZK-LD seeks a minor modification of its construction permit to increase its antenna height by 5 meters (16 feet) to 279 meters above ground and 662 meters above mean sea level. No other changes are proposed. The change is prompted by the requirement of the tower owner to adjust the antenna elevation slightly on the existing leased tower. No new construction at the site will occur that would trigger a section 106 NEPA event or review. This is an established communications site with an existing tower.

WEZK-LD - Operation Environmental Impact:

Operation of the proposed facility will not involve the exposure of workers or the general public to levels of radiofrequency electromagnetic fields exceeding guidelines adopted by the Federal Communications Commission. The calculated power density level 2-meters above ground near the base of the tower is predicted to be 0.001632 mW/cm^2 or less, using an antenna relative field value of 0.5 for all depression angles greater than 30 degrees below the horizon and a maximum ERP of 15-kilowatts. The computed power density is 0.10% of the Commission's guidelines for a worker/controlled area ($\text{MPE}=1.6167 \text{ mW/cm}^2$) and 0.50% for a public/uncontrolled area ($\text{MPE } 0.3233 \text{ mW/cm}^2$). As these levels are far below the guidelines (less than 1%), no further study is necessary.

The general public or workers will not be exposed to RF levels attributable to the proposal in excess of the FCC's guidelines at ground level and 2-meters above. This is a restricted access site in which the public does not have access. RF exposure warning signs are posted at the site. The applicant will coordinate exposure procedures with other co-located facilities and will reduce power or cease operation as necessary to protect persons having access to the site, tower, or antenna from RF electromagnetic field exposure in excess of FCC guidelines.

Respectfully submitted,

Timothy Z. Sawyer, Consulting Engineer
T Z Sawyer Technical Consultants
2130 Hutchison Grove Court, Suite 100
Falls Church, VA 22043

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