

## EXHIBIT 17

### Compliance with Environmental Rules

The proposed operation of W227AQ will utilize one of the existing antenna towers of the directional antenna system of AM Station WCAT, Burlington, Vermont, as the antenna supporting structure. No new tower construction is proposed in this application.

The antenna system for the proposed operation of W227AQ is a Shively Labs Model 6813-3-SS FM Antenna, which is comprised of three circularly polarized omnidirectional radiating elements mounted in a vertical line and spaced one-half wavelength between elements. The antenna supporting structure extends to an overall height of 136 meters above ground, and the antenna system will be side-mounted on this structure, with the radiation center located 122 meters above ground.

A study made using the Commission's "FM Model" program for evaluating radiofrequency radiation levels for the proposed W227AQ antenna system shows that for operation at 140 watts effective radiated power, the calculated power density levels would not exceed  $0.00003 \text{ mW/cm}^2$ , or 0.015% of the maximum permissible exposure value of  $0.2 \text{ mW/cm}^2$  for uncontrolled exposure situations at 93.3 MHz, at any point at a height of 2 meters or less above ground in the vicinity of the base of the antenna supporting structure. As a result, the proposed operation of W227AQ would be excluded from evaluation of total radiofrequency radiation levels at the proposed site. One or more RF hazard warning signs will be posted near the base of the antenna tower.

The applicant will operate the proposed transmitting facilities at reduced power, or temporarily cease operation, as may be required to protect all workers from exposure to hazardous levels of radiofrequency radiation.

Fred W. Volken  
Engineering Consultant

July 2013

Sierra Madre, California