

RF HAZARD STATEMENT
APPLICATION FOR CONSTRUCTION PERMIT
FM BROADCAST STATION WEDR(FM) (AUXILIARY)
MIAMI, FLORIDA
CHANNEL 256C1 32 KW (H&V) 168 METERS

With respect to the potential for human exposure to radio frequency (RF) energy, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF energy at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground based on the following conservative assumptions, with the following results:

Call Sign	Channel	Average ERP (kW)	Distance (m)	Relative Field Factor	FCC Limit* (mW/cm ²)	Percentage of Limit
WEDR (Aux)	256 (99.1 MHz)	32 kW (H & V); 64 kW (Total)	168	0.2 [†]	200	1.6%

As indicated above, the exposure to RF energy at 2-m above ground level will not exceed 1.6% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF energy and it is categorically excluded from environmental processing. The applicant, in coordination with other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the tower or antenna from RF energy in excess of the FCC guidelines.

* for general population/uncontrolled environments

† The transmitting antenna will employ 4 bays with one-half-wavelength spacing at 99.1 MHz. This is a worst-case estimate of the relative field factor in the downward direction for the proposal.