RF HAZARD STATEMENT
SECOND FILING WINDOW
APPLICATION FOR CONSTRUCTION PERMIT
TV STATION WAFF
HUNTSVILLE, ALABAMA
CHANNEL 15 35 KW (ND) 576 m

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[1] based on the following conservative assumptions, with the following results:

Call Sign	Channel	Total ERP (kW)[2]	Distance (m)	Relative Field Factor[3]	FCC Limit[4] (uW/cm^2)	Percentage of Limit
WAFF	15	70	450.2	1.0	319.3	3.6%

As indicated above, the exposure to RF energy at 2-m above ground level will not exceed 3.6% 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.

Public access to the transmitting site is restricted and appropriately marked with RFR warning signs. Furthermore, a protocol will be in effect in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measures are taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure.

[1] The radiation center is located 452.2 m above ground level.
[2] Horizontally polarized ERP 35 kW, Vertically polarized ERP 35 kW.
3 This is a worst case presumption for the maximum relative field at steep downward angles.
4 For general population/uncontrolled environments