

**Engineering Exhibit
WPHR-FM Facility ID 25018
Minor Change Application
September 2008**

By this application it is sought to modify the facility of WPHR-FM to specify a new antenna height and power at a new location as part of a minor change application to specify a new principal community and station class.

The proposed WPHR-FM antenna is to be located 66 meters above ground upon a tower described by antenna structure registration number 1003123. At this location, with a height above average terrain for this antenna at 124 meters, the web tool FM power indicates a maximum allowable power of 16.5 kilowatts.

From this location WPHR-FM is fully spaced as a Class B1 facility in accordance with Section 73.207 to all known facilities, applications and allocations with the exception of WMCR-FM and WBDR(FM) to which spacing in accordance with Section 73.215 is requested. To prevent prohibited contour overlap, both a directional antenna and operation at a reduced power of 9.0 kilowatts will be utilized. Attached is a map demonstrating that operation of this proposed facility will not cause prohibited contour overlap.

The proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The antenna system proposed is an EPA type 3, ERI, 4-bay, half-wave spaced, "Roto-Tiller" style antenna, mounted with its center of radiation 66 meters above ground level, and for operation with an effective radiated power of 9.0 kW in both the horizontal and vertical planes. At 2 meters above ground, 250 meters from the base of the tower, this proposal will contribute, worst case, 3.7 microwatts per square centimeter, or 0.37 percent of the allowable ANSI limit for controlled exposure, and 1.85 percent of the allowable limit for uncontrolled exposure. This figure is less than 5% of the applicable FCC exposure limit at all locations extending out from the base of the tower. Section 1.1307(b)(3) excludes applications when the calculated level is predicted to be less than 5% of the applicable exposure limit. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

