

ENVIRONMENTAL STATEMENT
APPLICATION FOR MINOR CHANGE
WSBH FM, LLC
WSBH (FM), SATELLITE BEACH, FLORIDA
CH 253C3 25.0 KW (H&V) 104.7 METERS AMSL
FACILITY ID # 166009

WSBH FM, LLC (hereinafter WSBH) is the licensed operator of commercial FM broadcast station WSBH(FM) (File number BLH-20061130AKQ) operating on channel 253A (98.5 megahertz) at Satellite Beach, Florida. By this application WSBH seeks a change in class from Class A to Class C3. In addition, this application specifies changes in effective radiated power and antenna. The proposed site is the current licensed location at geographic coordinates 28° 08' 11" North Latitude, 80° 42' 12" West Longitude (NAD27). This application proposes directional operation with a maximum effective radiated power (ERP) of 25 kilowatts (kW), circularly polarized, with antenna radiation center height above average terrain (HAAT) of 100 meters. The specified antenna radiation center height above ground level (AGL) is 98 meters.

An analysis has been made of the human exposure to radiofrequency radiation (RFR) using the calculation engine *FM Model* available from the FCC Office of Engineering and Technology.

The FCC maximum permissible exposure (MPE) limits for general population/uncontrolled and occupational/controlled exposures are 0.20 milliwatts per square centimeter (mW/cm²) and 1.0 mW/cm², respectively, at 98.5 MHz. Entering the antenna, an EPA Type 1, Shively 6813-3 half-wave space antenna, the maximum ERP of 25 kW and the 98 m elevation above ground level, *FM Model* indicated a maximum calculated power density of 0.0059 mW/cm², which is 3.0 percent of the FCC MPE limit for general population/uncontrolled exposure and 0.6 percent of the FCC MPE limit for occupational/controlled exposure.

Pursuant to the provisions of *OET Bulletin 65, Edition 97-01*, at multiple-user transmitter sites, only those licensees whose transmitters produce power density levels in excess of 5.0 percent of the applicable exposure limit are considered “significant contributors” and share responsibility for the actions necessary to bring the local RFR environment into compliance with FCC exposure limits. Since the operation will contribute less than 5.0 percent of the most restrictive permissible exposure at any location on the ground at the site, the channel 253C3 facility is not considered a “significant contributor” to the local RF environment.

If work is done on the tower in an area where overexposure could occur, WSBH will take action necessary to prevent the overexposure of workers on the tower, including reducing transmitter power or ceasing station operation completely. WSBH will cooperate with other site users to assure that any work performed at the proposed site may be performed without exceeding the FCC MPEs for occupational/controlled exposure.

The instant proposal is categorically excluded from environmental processing since none of the conditions of Sections 1.1306(b)(1), (2) or (3) of the FCC Rules would be involved for the following reasons:

1. The channel 253C3 facility specified herein utilizes an existing supporting structure. The proposed antenna simply replaces the existing antenna in use by WSBH.
2. With regard to RFR exposure concerns, compliance with applicable FCC MPE limits would be achieved.