EXHIBIT 35
ENGINEERING STATEMENT
RE: AUXILIARY APPLICATION AND
EVALUATION OF RADIO FREQUENCY (RF)
ELECTROMAGNETIC FIELDS
FOR FM RADIO STATION
WRAT(FM), POINT PLEASANT, NEW JERSEY

NOVEMBER 2012

These technical exhibits have been prepared on behalf of The Sentinel Publishing Co. ("Sentinel"), licensee (and permittee of BPH-20120814AAA) of FM radio station WRAT, Point Pleasant, New Jersey, in support of Sentinel's minor change application for a second auxiliary operation. This auxiliary application is for a back up to the facilities associated with the current CP authorization and will not become operational until the CP is licensed. Additionally, no changes are proposed which impact the current auxiliary operation (BXLH-20050125ACB).

At present WRAT(FM) is licensed to operate on Channel 240A (95.9 MHz) with 4.0 kW effective radiated power (ERP) and 73 meters antenna height above average terrain (HAAT) using a non-directional antenna. WRAT(FM) has been authorized a CP to increase the tower height and operate with 1.45 maximum ERP and 146 meters HAAT using a non-directional FM antenna approximately 0.65 kM south southwest of the licensed site. The 1 mV/m contour of the proposed additional auxiliary operation will remain within the authorized 1 mV/m contour as shown in the attached Figure 1. No other changes are proposed.

The proposed auxiliary facilities for The Sentinel Publishing Co., licensee of FM radio station WRAT, Point Pleasant, New Jersey have been evaluated with respect to Radio Frequency (RF) electromagnetic fields near the station's proposed transmitting facility.

At present FM radio station WRAT operates on Channel 240A (95.9 MHz) with 4 kW (H&V) effective radiated power (ERP) and antenna radiation center located at 85 meters (279 feet) above ground. WRAT is proposing to increase the tower height and

operate on Channel 240A (95.9 MHz) with a maximum ERP of 1.45 kW (H&V) and 144 meters antenna height above average terrain (HAAT).

An evaluation has been made to determine compliance of the proposed WRAT operation with the FCC specified standards for human exposure to RF electromagnetic fields near the tower. The maximum permissible limits (MPE) for exposure to RF electromagnetic fields are specified in Title 47 of the Codes of Federal Regulations (CFR) in Section 1.1310, Table 1. The maximum permissible exposure power density guidelines for the FM band are 1.0 mW/cm^2 (1000 $\mu W/cm^{2)}$ for 6 minutes for occupational/controlled, and 0.2 mW/cm^2 (200 $\mu W/cm^{2)}$ for 30 minutes for the general population/uncontrolled environment.

The RF electromagnetic fields can be calculated by the procedures described in the FCC OET Bulletin No. 65 dated August 1997. The proposed WRAT auxiliary operation would radiate a maximum of 2.9 kW (H+V) power in the horizontal plane. The calculated WRAT RF electromagnetic fields (power density) at 2 meters (6.5 feet) above ground near the tower as computed according to the FCC OET Bulletin 65, indicates the maximum RF fields (power density) near the tower using an antenna factor of 0.5 would be 0.0012 mW/cm^2 or less than 2 $\mu W/cm^2$. Therefore, the proposed operation of WRAT would result in RF fields near the tower which are less than 0.7% of the MPE prescribed for the general public.

The current WRAT tower has a security fence around the tower base to block the unauthorized access to the tower. With respect to work performed on the tower, station WRAT has established procedures to ensure that workers are not exposed to RF fields above the Commission's guidelines, by reducing or turning off the power, as appropriate.

Conclusion

The above analysis indicates that members of the public and personnel working around the proposed WRAT tower would not be exposed to RF electromagnetic fields exceeding the FCC guidelines.