TECHNICAL EXHIBIT 27
AVAILABILITY OF CHANNELS

IN SUPPORT OF A MINOR CHANGE APPLICATION
WRAT(FM), POINT PLEASANT, NEW JERSEY
SEPTEMBER 2015

These technical exhibits have been prepared on behalf of The Sentinel Publishing Co. ("Sentinel"), licensee of FM radio station WRAT, Point Pleasant, New Jersey, in support of Sentinel's minor change application for a construction permit to change antenna location, increase antenna height and reduce the effective radiated power (ERP) for the Class A operation.

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) is proposing to modify the license by relocating the antenna site approximately 0.65 kM south southwest, construct a new tower and increase the tower height and operate with 1.45 maximum ERP and 146 meters HAAT (equivalent to 3 kW/100 meters HAAT facilities) using a non-directional FM antenna. No other changes are proposed.

The geographic coordinates (NAD-27) of the proposed WRAT(FM) antenna site are as follows:

N 40°-09'-57"
W 74°-01'-56"

The following information provides pertinent data for the proposed Channel 240A operation of WRAT(FM).

Name of the Licensee: The Sentinel Publishing Co.

Station Location: NJ-Point Pleasant

Frequency: 95.9 MHz

Channel: 240

Class: A

Hours of Operation: Unlimited

Antenna Type: Non-Directional

Antenna Coordinates (NAD-27): North Latitude: 40 deg 09 min 57 sec
West Longitude: 74 deg 01 min 56 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Maximum ERP in the Horizontal Plane (kW):	1.45	1.45
Height of radiation center above ground (meters):	153	153
Height of radiation center above mean sea level (meters):	157	157
Height of radiation center above average terrain (meters):	146	146

Antenna Structure Registration Number: 1276347

Overall height of antenna structure above ground (meters): 162.5