

TECHNICAL EXHIBIT 35
ENVIRONMENTAL PROTECTION ACT

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

The proposed site is not located near any known wilderness area, wildlife preserve or Indian religious site. The proposed FM facilities will not affect or jeopardize the continued existence of any threatened or endangered species or their critical habitats.

The proposed FM facilities are not located in a flood plain area.

Construction of a radio tower and a small building to house the transmitter and associated equipment at the site are proposed. After the construction, the area surrounding the site will be restored, as close as possible, to its original condition. Therefore, the construction of the proposed FM facility does not involve significant changes in the surface features of the site.

There is no proposal to equip the tower with high intensity white lights.

An evaluation has also been made to determine compliance with the Commission's specified standards for human exposure to RF fields as set forth in the OET Bulletin No. 65 dated August 1997. The proposed WRAT(FM) operation would have less than 2 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$) RF field at 2 meters above the base of tower assuming an antenna field factor of 0.5 in the downward direction with a maximum effective radiated power of 2.9 kW (H+V), and a radiation center of 153 meters above ground level. The Commission's guidelines for the FM band are 1,000

$\mu\text{W}/\text{cm}^2$ for the occupational/controlled, and $200 \mu\text{W}/\text{cm}^2$ for the general population/uncontrolled environment.

The proposed WRAT(FM) tower will have a security fence around the tower base. The above analysis indicates that members of the public and personnel working around the proposed WRAT(FM) operation would not be exposed to RF fields exceeding the Commission's guidelines. With respect to work performed on the tower, station WRAT(FM) will establish 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.

For the reasons stated above, we believe this proposal complies with Section 1.1307(a) and (b) of the Commission's Rules; therefore, under Section 1.1306, it is categorically excluded from environmental processing.