

ENVIRONMENTAL PROTECTION ACT

Section 1.1306

Since the proposed WDTV-DT “Fill-in” translator operation would be from an existing tower with no increase in overall height above ground, the environmental concerns listed in Section 1.1307(a) of the Commission’s Rules are not pertinent, therefore, those issues have not been addressed.

An evaluation has 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. For a maximum effective radiated power of 0.300 kW and a radiation center of 55 meters above ground level, the proposed Channel 2 TV operation would have a maximum of 1 microwatt 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. The Commission’s guidelines for the Channel 2 TV 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.

There will be a security fence around the tower. The above analysis indicates that members of the public and personnel working around the proposed TV tower would not be exposed to RF fields exceeding the Commission’s guidelines. With respect to work performed on the tower, WDTV 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, it is believed 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.