

W17ED-D (W16BE) Hornell, Alfred, NY- Facility ID: 43451
Application for a Minor Modification of Construction Permit

This is an application for a minor modification of construction permit to relocate W17ED-D CP and change to a directional antenna pattern. The proposed site is 29.9 miles (48.1 km) from the licensed W16BE tower site. The 51 dBu contour of the proposed facility overlaps the 51 dBu contour of the licensed facility.

47 C.F.R. Section 1.1306

A Commission grant of Authorization for this location would not be an action which may have a significant environmental effect. Based on worst-case calculations and considering a very conservative vertical relative field factor of 0.3 pursuant to OET Bulletin 65, the proposed television facility is predicted to produce a maximum power density which exceeds the FCC Guideline value of 327.33 microwatts per square centimeter for uncontrolled RFR environments. Further, because the proposed facility is located in close proximity to a number of other television and radio broadcast stations, the cumulative power density of all the stations operating from the shared site must be considered.

In light of the above, once the proposed facility is authorized and installed, an RFR measurement survey will be undertaken to determine the effect of the proposed facility on the RFR environment. Any changes in necessary to the existing RFR safety plan will be made accordingly. Further, the applicant is committed to reducing power or

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ceasing operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic fields in excess of FCC's occupational guidelines.

47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h)

W17ED-D operates on UHF channel 17. The TVStudy Interference Check included with this application states "No land mobile station failures found". Therefore 74.709 is satisfied. The interference check also demonstrates the stringent mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

Carl E. Gluck

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