Consulting Engineers
CTJC
CARL T. JONES CORPORATION

WYCX-CD 2 Manchester, Etc. VT. - Facility ID: 26996
Application for a Minor Modification of Construction Permit

This is an application for a minor modification of construction permit. The proposal changes the effective radiated power, elevation, and antenna make/model and directional antenna pattern. The proposed site is at the existing communications tower specified in the construction permit.

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. The subject station's predicted power density contribution at the multiple-use site is not considered significant and does not require consideration. 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 of only 9.79 microwatts per square centimeter at two meters above ground level. This represents only 4.89% of the FCC Guideline value of 200.0 microwatts per square centimeter for uncontrolled RFR environments. Pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would contribute less than 5% of the uncontrolled limit and controlled exposure limit, the proposal's power density contribution is insignificant.

Further, the Applicant will continue to cooperate/coordinate with other site users and reduce power and/or cease operation during times of service or maintenance of the

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transmission systems as necessary to avoid potentially harmful exposure to personnel. In light of the above, the proposed facility should be categorically excluded from RF nvironmental processing under Section 1.1307(b) of the Commission's Rules.

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

WYCX CD operates on VHF channel 2. Therefore 74.709 is not applicable. A copy of the FCC TVStudy software interference report is included with this application that demonstrates the stringent mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

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