



WJAC-TV 28 Johnstown, PA - Facility ID: 73120
Application for a Minor Modification Construction Permit

This is an application for a minor modification construction permit to change the antenna used by WJAC-TV 28 DRT, Johnstown, PA. All other parameters are unchanged. The proposed site is a tower registered as ASR 1032938. The proposed site is an existing communications tower.

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 3.55 microwatts per square centimeter at two meters above ground level. This represents only 0.96% of the FCC Guideline value of 371.33 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. The permittee/licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from



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radiofrequency electromagnetic fields in excess of FCC guidelines.

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

WJAC-TV DRT operates on UHF channel 28. Section 74.709 address land mobile protection requirements for UHF channels 14-20. Therefore this application is compliant. A copy of the FCC TVStudy software interference report is included with this application that demonstrates the full service mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

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