



**W18EZ-D Delhi, IN - Facility ID: 186632**

**Application for a Minor Modification Construction Permit**

This is an application for a minor modification construction permit to relocate W18EZ-D Delhi, IN a distance of 30 miles to an existing communications tower site (ASR 1246053), change the ERP, and change the directional antenna make/model and pattern.

**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 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 7.77 microwatts per square centimeter at two meters above ground level. This represents only 2.34% of the FCC Guideline value of 331.33 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

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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 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)**

W18EZ-D operates on channel 18. The attached TVStudy Interference Check reports “No land mobile station failures found” documenting compliance with section 74.709 of the rules. The Interference Check also shows compliance with section 74.793 e, f, g, and h for W18EZ-D as proposed, using a full service mask.

*Carl E. Gluck*

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