



K30BP-D Norfolk, NE - Facility ID: 39666
Displacement Application for
Construction Permit (to Channel 17)

This is a displacement application for a construction permit to change K30BP-D to channel 17. This proposal is to use the same location and OMNI antenna as is presently licensed. It is at an existing communications tower, ASR 1219381.

K30BP-D was displaced by the repack channel change of KPTH (TV) 30 Sioux City, IA..

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 of only 1.78 microwatts per square centimeter at two meters above ground level. This represents only 0.54% of the FCC Guideline value of 327.33 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.



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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 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 environmental 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)

74.709 pertains to TV applicants proposing use of TV Channels 14-20. The application for K30BP-D proposes operation on channel 17. Attached is a TVStudy Interference Check that states “No Land Mobile Station Failures Found”.

The copy of the FCC TVStudy Interference Check also demonstrates the stringent service mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

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