



**KYUU-LD 28 Boise, ID - Facility ID: 190303**  
**Minor Modification Application for**  
**Construction Permit**

This is an application for a construction permit to make a minor modification to KYUU-LD Boise, ID. The change is to use a new community antenna being placed on the tower KYUU-LD is presently licensed on. The existing communication tower is registered as ASR 1209884. This proposal changes the antenna pattern to omnidirectional and changes the ERP to 15 kW. The proposed antenna is a Dielectric TFU32-GTQ VP-R 08 BB.

**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 11.65 microwatts per square centimeter at two meters above ground level. This represents only 3.14% 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.

Further, the Applicant will continue to cooperate/coordinate with other site users

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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 applicant for KYUU-LD proposes operation on channel 28. 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).

  
Carl E. Gluck, CPBE

