



K23DT-D Tahoe City, CA - Facility ID: 19197
Application for a minor Modification of Construction Permit
Present CP is FCC File No. BLANK-0000092818

This is an application for a minor modification of Construction Permit 0000092818 for K23DT-D Tahoe City, CA, to change the proposed directional antenna to a Dielectric TUL-BP2-2/4M-1 and reduce the effective radiated power to 3 kW.

The proposed site is a tower registered as ASR 1009892. 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. 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 which exceeds the FCC Guideline value of 395.33 microwatts per square centimeter for uncontrolled RFR environments. Further, because the proposed facility is located in close proximity to other television broadcast stations, the cumulative power density of all the stations operating from the shared site must be considered.

In light of the above, once the proposed facility is authorized and installed, an RFR measurement survey will be undertaken to determine the effect of the proposed facility on the RFR environment. Any changes in necessary to the existing RFR safety

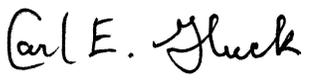


**Engineering Narrative – K23DT Tahoe City, CA
Application for Minor Modification of CP - Sheet 2**

plan will be made accordingly. Further, the applicant is committed to reducing power or ceasing operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic fields in excess of FCC's occupational guidelines.

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

Section 74.709 pertains to protection to Land Mobile facilities by UHF TV stations operating in channels 14-20. The proposed KKTF-LD operation will be on channel 34. Therefore 74.709 is satisfied. A TVStudy interference check (included with this application) demonstrates the full service mask proposed meets the requirements of 74.793(e) (f) (g) and (h).


Carl E. Gluck, CPBE



January 9, 2023

