TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
LPTV STATION K28HI-D
BRECKENRIDGE/DILLON, COLORADO
CHANNEL 28 0.068 KW (ND)

1. The instant minor change application is to relocate LPTV station K28HI-D on digital channel 28 at Breckenridge/Dillon, Colorado and modify its facilities. Specifically, operation is proposed from a site located 7.1 km northwest of the licensed K28HI-D site with a directional antenna maximum effective radiated power (ERP) of 0.068 kW using Scala model CL-1469 "off-the-shelf" horizontally polarized directional antenna (antenna ID 20778) oriented at 30 degrees true. The antenna radiation center height will be 2698 m AMSL.

2. Figure 1 demonstrates that there is overlap of the licensed and proposed 51 dBu, f(50,50) protected contours as required by Section 73.3572(a)(2)(ii) for minor change applications.

3. Interference Compliance: As indicated in the attached *TVStudy* analysis summary report, K28HI-D's proposed channel 28 operation meets the FCC's interference protection requirements with respect to all protected facilities based on both the pre- and post-transition allocation environments. A cell size of 1.0 km and a profile resolution of 1.0 km points/km were utilized for the *TVStudy* analysis.

4. RFR Compliance: Pursuant to Section 1.1307(b)(1) and Table 1 of that Section, the proposed operation is exempt from RFR exposure evaluation as the total ERP is less than 100 Watts.