

KRDO - DT CHANNEL 24
PIKES PEAK BROADCASTING, INC.
COLORADO SPRINGS, CO

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Exhibit E-1

Engineering Statement in support of a Minor Change to CP BPCDT-19991026ACY KRDO-DT – Colorado Springs, CO

BACKGROUND

The applicant, Pikes Peak Broadcasting, has a construction permit for Ch 24, KRDO-DT as referenced above. The construction permit was issued based on a “non-checklist” application. This application increases the HAAT by 14.0 m over the construction permit height.

The applicant has been informed that the tower which holds the channel 13 analog antenna cannot hold another antenna. Therefore, the applicant has to move to an adjacent tower which has space available for the DTV antenna. Even the adjacent tower has a windload limit that precludes the use of the Kathrein panel antenna specified in the original construction permit. Therefore, the applicant is proposing a slot antenna which does meet the windload limit. This Dielectric slot antenna has a horizontal pattern that approximates, but does not equal the Kathrein panel antenna pattern.

The move to the nearby tower is approximately 20 m to the northeast (69.4°) from the construction permitted site and the radiation center increases by 12.8 m. Applicant believes the sum total of the requested changes is de minimis and therefore requests a waiver of the Filing Freeze for DTV Changes per FCC Public Notice DA 04-2446 that was released August 3, 2004.

GHA
07 April 2005