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Engineering Statement Minor Change to K224CZ Coyote, California

The licensee requests to modify K224CZ to eliminate interference to the authorized co-channel facilities of KTOM-FM Marina (BMLH19950908KF). The applicant requests modify the construction permit to a new site, add a directional antenna, increase power and designate a new primary input station.

The applicant proposes to utilize a site on an unpopulated hilltop east of Morgan Hill, using an existing 12 meter tower. The proposed site is an established electronic site. A directional antenna, along with a power increase to 30 watts ERP is proposed. This location, antenna and power level combination is clear of any prohibited overlap to any existing or proposed stations, with the exception of second adjacent KSJO San Jose (BPH20050308ABZ). However, the proposed translator's 94 dbu contour does not overlap any populated area. The maximum distance to the extent of the overlap contour is just over 100 meters in the maximum lobe, and the closest permanent residence or public road is over 1000 meters distant from the proposed antenna location. The proposed location is atop a remote hilltop within a cattle ranch. A complete allocation study, along with relevant contour maps is attached.

This new technical proposal eliminates the overlap to KTOM-FM in Marina as well. The translator will repeat the programming of KSQQ in Morgan Hill, California (BLH-19940801KD).

47 CFR Section 1.1307(b)(4)(i) states, *"With respect to subpart L of part 74 of this chapter, these requirements apply only to FM booster and translator stations transmitting with an effective radiated power (ERP) in excess of 100 watts."*

Since this application proposes less than 100 watts ERP, this application is categorically exempt from environmental processing with respect to RF Radiation and other environmental issues.

The applicant is confident that this site, along with the proposed location change and increase in power level will adequately serve the area of Coyote while resolving any interference concerns that the previous proposed use of Ch. 224D may have raised.

Respectfully submitted,

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