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B. W. St. Clair

**Engineering Statement
K15CA Digital Companion Channel 24**

Environmental Considerations:

Non-ionizing radiation at ground level head height will be approximately 24% of the allowable public limit. As there are other translators at the same site contributing to the total non-ionizing radiation. To protect the public the site is fenced and locked and non-ionizing radiation signs are posted.

The antenna will be installed on an existing tower and the equipment will be in an existing building. No construction is required.

Interference considerations: An OET Bulletin 69 interference analysis shows two records that receive interference.

BPCDT-20100325ACD, Ch 23 (adjacent) at 29 Palms. This application is one component of a "Distributed Transmission System" and seems never to have been dealt with at the FCC. If this application is ever granted this applicant can cure the outgoing interference conflict by increasing the adjacent channel filtering to the "Full Service Mask". However, the applicant prefers to use a translator that meets the "Stringent Mask" requirement until such time as the "Full Service Mask" is required.

BLTT-19820105le, channel 25, Victorville, CA. This collocated translator is licensed to this applicant, who will take corrective action if any appears necessary.

Respectfully submitted,

B. W. St. Clair
Engineering Consultant
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