

## Frequency Displacement Relief Application

T.V. Translator Station K62CU

Santa Rosa , New Mexico

Ch. 38 zero offset .100 K.W.

### Proposed Facilities

Station K62CU proposes to keep the same type antenna and the same orientation as now. The antenna array will be at the same location on the tower as the current antenna and operate on channel 38 with a zero offset. It is proposed to feed the antenna with the same transmission line of Andrew LDF7-50 with a length of 25.3 meters. The efficiency of the line is .8886. There will be no change in the city of license, transmitter site or RCAMSL.

### NTSC Allocation Considerations

A study has been conducted using provisions of Sections 74.705, 74.707 and 74.709 to assure that the proposal will not create prohibited interference with other existing or authorized NTSC full power or LPTV stations.

### DTV Allocation Considerations

The proposed operation should not cause interference to any actual DTV facilities.

### Environmental Considerations

The proposed K62CU facilities were evaluated in terms of potential radio frequency radiation (RFR) exposure at ground level at the base of the tower in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation. The proposal will comply with the new RF emission rules. As this is a multi-user site, procedures will be in effect to assure worker safety with respect to radio frequency radiation exposure. In addition, it appears that the existing structure is otherwise excluded from environmental processing as it complies with all the criteria for such an exclusion in section 1.136.