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**KRCR-DT, REDDING, CALIFORNIA
ENVIRONMENTAL CONSIDERATIONS**

The antenna for digital operation of KRCR-DT will be mounted on the KRCR-TV, channel 7, antenna supporting tower or on a new tower immediately adjacent to the existing tower. Use of this long established television transmitting site assures the avoidance of a significant effect that would require the preparation of an environmental assessment. Furthermore, as discussed below, the operation would comply with maximum permitted RF exposure.

Calculated maximum RF exposure in the vicinity of the KRCR tower, at a height of two meters above ground, from the proposed channel 34 operation, is 115 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$), 29 percent of the general population/uncontrolled maximum permitted exposure of $395 \mu\text{W}/\text{cm}^2$ at channel 34. At two meters above ground, the maximum RF exposure from KRCR-TV is $85.4 \mu\text{W}/\text{cm}^2$, 43 percent of the uncontrolled maximum permitted exposure of $200 \mu\text{W}/\text{cm}^2$.

Procedures for avoiding excessive exposure during work on the tower will be revised to assure that, with the digital transmission system in use, maintenance tasks can be carried out without subjecting workmen to exposure in excess of that permitted by the rules. Power will be reduced, or transmitters shut down as necessary to avoid over-exposure.