

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of KTTU-TV, INC., permittee of KTTU-DT, Tucson, Arizona, in support of its amendment to its Application for Modification of Construction Permit BPCDT-19991029ACC, to specify a change in transmitter site, the application file number being BMPCDT-20021030AAC. The only change in this amendment is a reduction in ERP.

Exhibit B provides antenna pattern data, and the digital service contours appear as Exhibit C. Since the proposed ERP is greater than that specified in the allotment in certain directions, and since the proposed site is not within 5 kilometers of the allotment site, an allocation study is included in Exhibit F. KTTU-DT intends to share this antenna with KOLD-DT, KVOA-DT, and KMSB-DT. It is not expected that the proposed facility would cause objectionable interference to these or any authorized stations, but KTTU-DT recognizes its obligation to correct any such interference that may occur.

We have studied the RF transmissions of this facility with regard to their environmental effect. Employing the methods set forth in *OST Bulletin No. 65* and considering the vertical pattern of the proposed Dielectric antenna, we calculate maximum power density two meters above ground from the proposed facility to be 0.013 mw/cm^2 , at locations 10 meters south of the tower base, which is but 3.8 percent of the 0.34 mw/cm^2 reference at this frequency for uncontrolled areas. Further, KTTU-DT will take whatever preventive steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the

vicinity of the antenna are not exposed to excessive RF energy. On this basis, a grant of this application would clearly be a minor environmental action.

I declare under penalty of perjury that the foregoing statements and the attached Engineering Report, which was prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read 'Neil M. Smith', with a long horizontal flourish extending to the right.

NEIL M. SMITH

June 23, 2003