

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of KTVK, INC., permittee of KTVK-DT, Phoenix, Arizona, in support of its Application for Modification of Construction Permit BPCDT-19991018ABH to specify certain corrections and minor changes.

Exhibit B provides antenna pattern data, and Exhibit C is a map of the digital service contours. With respect to allocations, this is a "checklist" application. KTVK-DT shares South Mountain with other broadcast and non-broadcast facilities. It is not expected that the proposed facility would cause objectionable interference to these or any other authorized stations, but KTVK-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 *OET 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 0.14 mw/cm^2 , at locations 21 meters northeast of the tower base, which is 7.8 percent of the 1.8 mw/cm^2 reference at this frequency for controlled areas. (There is no public access to the site. Since there are other RF sources on South Mountain it will be necessary to consider their contributions to the ambient RF level. KTVK will accept a permit conditioned on the submission of measurements or detailed calculations prior to program tests. Further, KTVK-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 proposal would clearly be a minor environmental action.

EXHIBIT A

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, consisting of a stylized initial 'N' followed by a horizontal line.

NEIL M. SMITH

May 3, 2002