

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of JANE G. BREDER, licensee of FM translator K270AD, Channel 270 in Lake Havasu City, Arizona, in support of her Application for Construction Permit to operate from a new site. This application is necessary due to the loss of the licensed transmitter site.

The location of the proposed site is plotted in Exhibit B. There exists at this site a 12-meter nonbroadcast communications tower. It is proposed to mount a single 5-element yagi directional antenna at the 9-meter level of this tower, as shown in Exhibit C. Antenna radiation pattern data are provided in Exhibit D. No interference to any other user of this site is anticipated as a result of this translator. However, if such should occur, the applicant will take whatever corrective steps are necessary.

Exhibit E is a map upon which the predicted 60 db μ contour is plotted in relation to that of the licensed facility. As shown, the new 60 db μ contour covers a significant portion of the licensed K270AD contour. Therefore, these changes can be considered minor in context with current FCC policy and Rules.

The translator presently rebroadcasts the signal of KADD(FM), Channel 228C1 in Laughlin, Nevada. Exhibit F is a map showing the 60 db μ contours of proposed K270AD and KADD. Although the translator's coverage area is completely outside that of KADD, the translator meets FCC Rules since it is owned and operated by someone unconnected with KADD.

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A detailed interference study concludes that this proposal will not cause interference to any authorized or proposed FM facility, except one. KJJJ now operates on Channel 272C2, a move from Channel 224C2. As such, it is second-adjacent to K270AD. As shown in Exhibit G, the translator's site and predicted interference area are located within the KJJJ protected service contour, in apparent violation of Section 74.1204(a) of the FCC's Rules. However, the owner of KJJJ has agreed to accept the predicted interference situation and a copy of the agreement appears in the non-engineering portion of the instant application. In addition, the licensee will ensure that the proposed K270AD facility will not cause interference to KJJJ within the boundaries of Lake Havasu City, Arizona. It is also important to note that the area of overlap with KJJJ is significantly less from proposed K270AD than that with licensed K270AD (see Exhibit G). Therefore, a waiver of Section 74.1204(a) is respectfully requested and believed to be justified.

Because no change in the overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. In addition, the tower has not been registered with the FCC due to its diminutive height (12 meters) and its proximity to the closest airports.

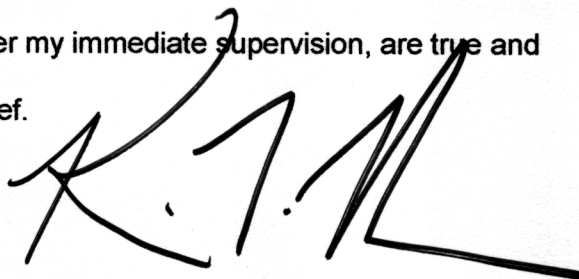
Since the Commission considers the possible biological effects of RF transmissions in its environmental considerations, we have studied the instant proposal in this regard. Employing the methods set forth in *OET Bulletin No. 65*, and considering an effective radiated power of 0.052 kw, an effective antenna height of 9.1 meters above ground, and the vertical pattern of the Scala FM antenna, maximum power density two

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meters above ground of 0.0052 mw/cm^2 is calculated to occur 10 meters east of the base of the tower. Since this is only 2.7 percent of the 0.2 mw/cm^2 reference for uncontrolled environments (areas with access to the public) surrounding a facility operating in the FM band, this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever corrective steps are necessary, such as power reduction or temporary cessation of operation, to ensure that workers operating in the vicinity of the antenna's aperture are not exposed to excessive nonionizing radiation.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were 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 'K. T. Fisher', with a long horizontal stroke extending to the right.

KEVIN T. FISHER

June 24, 2002