

Exhibit 1A

Engineering Statement

The proposed application is being tendered under the AM Revitalization window for class C and D AM station. KBLF is a Class C station operating at 1Kw watts day & night. The addition of a 250 watt directional translator is being proposed. The translator that is being moved is K286BX. The proposed frequency that the translator will operate on is channel 284D, 104.7 MHz.

The proposed translator will be mounted at 80 meters on a tower located at 40-15-31 122-05-24 with a single bay 2 element Scala CA2-CP Yagi antenna oriented at 285 degrees with an ERP of 250 watts.

The following exhibits are included:

Exhibit 1A Engineering Statement

A description of the proposed modifications

Exhibit 1B Translator Qualification Map

A map showing that the translator is with-in 250 miles, 400 Km.

Exhibit 1C KBLF Qualification Map

A map showing that the translator service contour will reside completely with-in the KBLF 2.0 mv contour and completely with-in a 40 Km radius of the KBLF site.

Exhibit 12A Spacing Study

A study showing the translator meets 74.1204 with the exception of two short spacing. These short spacing are being dealt with under 74.1204(d), See Exhibit 13A & 13B.

Exhibit 12B Spacing Map

A map showing all of the relevant contours and the interference contours of the proposed translator.

Exhibit 13A A request for a waver for stations KRDG and KSHA. The proposed translator will be short spaced to these 2nd and 3rd adjacent stations. The waver request demonstrates that no interference will be caused because there is zero population within the 100 dBu 50:10 contour of the proposed translator.

Exhibit 13B A Map showing contours of KRDG and KSHA with the 100 dBu interference contour of the proposed translator.

Exhibit 17 ANSI Human Radiation Exposure Study

FM Model graph showing no radiation exposure to the general public.

The proposed facility will move from channel 286D to channel 284D with a power of 250 watts ERP directional at 617 meters AMSL. The translator's 60 dBu will be completely within the primary stations 2mv and 40Km contours and will be fully spaced to all FM facilities with the exception noted in Exhibit 13A and 13B.

Respectfully,

Lynden L. Williams
Engineering Consultant