EXHIBIT A

ENGINEERING STATEMENT

This engineering data contained herein have been prepared on behalf of Christian Broadcasting, Inc., licensee of FM translator K283AZ on Channel 283D in Anchorage, Alaska, in support of this application for modification of Construction Permit BPFT-20190306ABY, which authorizes a move of the station to a new transmitter site. The purpose of this application is to reduce the antenna height above ground. No change in transmitter site, antenna pattern or effective radiated power is proposed herein. It is important to note that the translator will rebroadcast the signal of noncommercial FM station KJLP(FM), Channel 205A in Palmer, Alaska.

It is now proposed to mount a one-bay circularly polarized at the 12.2-meter level of the existing 27.6 meter tower. The proposed effective radiated power is still 10 watts. Exhibit B is a map upon which the proposed 60 dBu service contour has been plotted. In Exhibit C, the present and newly proposed K283AZ 60 dBu FCC contours are shown. As can be seen, the two contours continue to overlap.

We include as Exhibit D-1 a contour overlap study K283AZ with the facility proposed herein. As shown, the authorized site is short-spaced to second-adjacent-channel stations KBRJ(FM), Channel 281C1 in Anchorage, Alaska, and KYKA(FM), Channel 285C1 in Meadow Lakes, Alaska. As a result, waiver of the Commission's second-adjacent-channel interference Rules is requested with respect to these two stations. In Exhibit D-2, we plot the proposed site. To that map, we have added the KBRJ(FM) 77.5 dBu service contour and the KYKA(FM) 67.6 dBu service contour, both of which pass very close to the proposed site.

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Based on the FCC's 40 dB desired-to-undesired ratio that applies to second-adjacent-channel and third-adjacent-channel situations such as these, the proposed interference contour to KBRJ is the proposed 117.5 dBu contour and that to KYKA is the proposed 107.6 dBu contour.

Assuming a maximum effective radiated power of 10 watts for the proposed K83AZ facility, the distance to the interference contour toward KBRJ is only 30 meters. The interference contour toward KYKA is 92 meters. As shown in Exhibit D-3, there are no dwellings within 92 meters of the proposed site. As a result, a waiver of the FCC's 2nd-adjacent-channel spacing Rule with regard to KBRJ(FM) and KYKA(FM) is respectfully requested and believed to be justified.

A contour overlap study with regard to K282AW reveals no prohibited overlap between the station's 60 dBu service contour and 54 dBu interference contour of the facility proposed herein, as shown in Exhibit D-4.

A power density calculation is also provided in Exhibit E.

Since no change in the overall height or location of the existing tower is proposed herein, this application does not require coordination with the Federal Aviation Administration. The FCC issued Antenna Structure Registration Number 1062073 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

October 24, 2019