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signed by
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FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

NOV 1 8 1986

IN REPLY REFER TO:

8920-DEB

Mr. John W. Hough, President
Mesa Broadcasting Company
421 Glenwood
Grand Junction, Colorado 81501

In re: KQIX-FM, Grand Junction, Co.
Mesa Broadcasting Company
BMLH-860818KC

Dear Mr. Hough:

This letter is in reference to the above-captioned application to request auxiliary facilities. These facilities were previously licensed as the main facility for KQIX-FM under license BMLH-810303AC.

Although the instant application provides maps which show that the 1 mV/m contour is completely located within the main 1 mV/m contour, when compared against the contour map, it becomes apparent that these values were not properly transferred. Tabulations, apparently computer generated, were provided to show the distances to the 1 mV/m contours for main and auxiliary. However, the distances to the 1 mV/m contour specified on the map fail to conform with those in the tables. A plot made by the Commission using the values specified in the application clearly shows the 1 mV/m contour of the auxiliary exceeding that of the main in the general directions of 90 degrees and 315 degrees. Accordingly, we find that this application is in violation of Section 73.1675 (a).[1]

A second map purports to show the 1 mV/m contours of main and auxiliary when "terrain blockage" is considered. However, the Commission indefinitely stayed the use of the terrain roughness provisions in Section 73.313 pending further inquiry into this area. It did allow, as you have done here, parties to provide supplemental showings to be considered by the Commission. Temporary Suspension of Certain Portions of Sections 73.313, 73.333, 73.684 and 73.699, Order, FCC 77-304, 40 RR 2d 965 (1977). In

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1 We note that the application indicates the proposed auxiliary operation is indentical with that specified in previously filed application BMLH-841015DE which was dismissed by Commission letter dated December 10, 1985. The dismissed application provided a contour map showing that the 1 mV/m from the auxiliary exceeded the 1 mV/m from the then-unfinished main facility, in violation of Section 73.1675 (a). This violation was in part responsible for that application's dismissal.

providing your map, however, no description of the methods used for such analysis has been advanced. We are therefore unable to properly evaluate your claims. Given that the contour map plotted by normal methods has been found defective, the terrain blockage map must also be considered suspect.

In view of these considerations, application BMLH-860818KC is not in accordance with the Commission's Rules and IS HEREBY DISMISSED. This action is taken pursuant to Section 0.283 of the Commission's Rules.

Sincerely,

Dennis Williams

Dennis Williams
Acting Chief, FM Branch
Audio Services Division
Mass Media Bureau