

**ENGINEERING EXHIBIT  
SUPPORTING MODIFICATION OF LICENSE  
UNIVISION RADIO LICENSE CORPORATION  
KJFA (FM)  
ALBUQUERQUE, NEW MEXICO  
FACILITY ID: 16750**

**PURPOSE OF APPLICATION**

This application for modification of license is being filed pursuant to 73.1690 c (11) to correct a minor error in the coordinates of the existing facility as built. The licensee has only recently confirmed this error. The coordinates specified on the license are: N35°04'06" / W106°46'46", NAD 27. The coordinates of the site as built are: **N35°04'03.7" / W106°46'46.8"** NAD 27. This is a difference of .07 Kilometer and within the 3 seconds allowed per 73.1690 c (11). All other parameters, site elevation, height above average terrain, height above ground level, antenna, transmitter power are the same as specified on the original form 301FM, and the most recent form 302FM. The as built coordinates meet the spacing requirements of 73.207 to all licenses and applicants with the exception of BPH200317AAY, Facility ID 67340. This construction permit uses contour protection per 73.215 to protect KJFA. The correction of these coordinates on paper actually decreases the short spacing of this facility by .06 Kilometer. The applicant respectfully requests the Commission make the requested change to the license to the above coordinates rounded to the nearest second, **N35°04'04" / W106°46'47"**.

**SITE DESCRIPTION**

KJFA operates on Channel 267A with an effective radiated power of 3700 Watts maximum, horizontal and vertical. It uses an Antenna Concepts Ultratracker 4 Bay ½ wave spaced antenna mounted at 52 Meters above ground level with an over all height above mean sea level of the center of radiation of 1778.7 Meters. The overall height of the tower is 55 Meters above ground level. It is located on the west side of town, off Volcano Rd, near I-40. This is a multi user site with two low power television users and one television translator on the same tower and another FM user 200 feet away from KJFA, on a different tower.

**NIER SAFETY AND ENVIRONMENTAL STATEMENT**

According to the OET FM Model software, the maximum power density level anywhere at two meters above ground level is 2.69 microwatts/centimeter<sup>2</sup>. This level occurs at 187 meters from the base of the tower. This level is 1.35% of the maximum for general population, uncontrolled exposure and exempts the licensee from further study, as it is less than 5% of the maximum level for general population, uncontrolled exposure level. The "double V" EPA antenna type was used for this study. There are signs warning of hazards to climbers, the base of the tower is fenced. No construction or alteration of this tower will take place as result of a grant of this application, as explained above. In the event of tower maintenance involving climbing, the antenna is de-energized and or protective devices are utilized.