

**EXHIBIT 12**

**FM TRANSLATOR STATION  
HEBBRONVILLE, TEXAS  
K239BK  
FACILITY ID - 140288  
BNPFT - 20030827AKB  
95.7 MHZ / 0.050 KW ERP**

**ARMIDA A. SAILLE**

**06 MARCH 2015**

## **EXHIBIT 12**

### **APPLICATION TO MODIFY A CONSTRUCTION PERMIT**

This technical statement and attached exhibits have been prepared for Armida A. Saille to support this application to modify the current CP.

This application proposes antenna location on a tower with coordinates of (NAD27):

27 – 18 – 30.0 N

98 – 40 – 15 W.

The transmission parameters are:

Tower overall height AGL is 24 meters

Antenna RCAGL – 20 meters

ERP – 0.050 kW (H) and (V)

This station will rebroadcast KBNL Facility ID 73750 Laredo, Texas. KNBL is a NCEFM facility.

#### **Mexico:**

This site is 76 km from the US/Mexico border. This application proposes a ERP of 50 watts (0.05 kW), which is the maximum ERP allowed by Treaty towards the US/ Mexico border. This application will not impact any existing licensed Mexican station, application, construction permit, or allotment. This application complies with the terms and conditions in the US/Mexico Treaty.

#### **Exhibits:**

Exhibit 12 – This narrative and 60 dbu contour overlap of licensed facility and proposed facility.

Exhibit 13 – Contour Protection

Exhibit 17 – Environmental Protection Act.

This exhibit has all of the RFE calculations for all three RF sources on the proposed site tower. The value for R was determined by subtracting 2 meters from each station's RCAGL.

The total RFE is  $37.5 \mu\text{W}/\text{cm}^2$  which is 18.8 % of the  $200 \mu\text{W}/\text{cm}^2$  maximum allowable for uncontrolled public access.

Aerial photo of site and antenna pattern data included in this exhibit.

Antenna to be utilized is a 2 bay RVR model ACP1 or similar.

Applicant will cease transmission from this location whenever there are workmen on the tower.