

## NARRATIVE

ADX Communications of Pensacola ("ADX") holds a construction permit (BMPH-20020318AAY, FIN 539) to construct a commercial FM broadcast station at Pensacola, Florida. The instant application seeks a license to cover this permit.

ADX has installed a Shively Labs 6810-8/3IAD-DA antenna, which is an 8-bay, full-wave spaced directional antenna meeting the composite radiation pattern limit values specified in the cited permit. This antenna also incorporates 3 interleaved elements of the same design which are to be utilized as a digital broadcasting antenna in the future. The instant application seeks an authorization for the standard analog operation only.

Pages 2 and 3 of the permit list special operating conditions or restrictions. The remainder of this exhibit presents documentation indicating fulfillment of those conditions as follows:

1. Exhibit 9b contains the manufacturer's Proof of Performance from Shively Labs.
2. Exhibit 9c contains an affidavit letter from Southern Land Concepts, the surveyor, which affirms that the antenna is correctly oriented at an azimuth of 225 degrees relative to true north.
3. Exhibit 9d contains an affidavit statement from the installing engineer, Rene Stiegler, III, affirming that the antenna was installed according to the manufacturer's specifications and oriented at 225 degrees true.
4. The relative field of the vertical and horizontal components do not exceed the maximum field of 1.0, as shown in the composite graph and tabulation of the Proof of Performance. The maximum ERP limits specified by the Commission in the permit were 30.25 kW at 90° true and 38.44 kW at 350° true. It can be seen in the proof that at 90° the horizontal component is 8.18 dB down from 100 kW, or 15.21 kW, and at 350° the vertical component is 5.1927 dB down from 100 kW, or 30.25 kW.
5. ADX acknowledges that this authorization is subject to 47 CFR §73.215.
6. ADX will reduce power or cease operation as necessary to protect workers on the tower from exposure to RF fields in excess of the limits for occupational exposure set forth in 47 CFR §1.1310.

The above and attached information is true and correct as to my knowledge and belief.

January 27, 2003



Gary O. Keener



ENGINEERING STATEMENT

WBGP  
Pensacola, FL  
Exhibit 9A