

ENGINEERING EXHIBIT 14

APPLICATION FOR LICENSE  
STATION WBPI-LP  
AUGUSTA, GEORGIA

This Engineering Exhibit has been prepared on behalf of Watchman Broadcasting Productions, International, Inc., licensee of low power television station WBPI-LP Augusta, GA. Station WBPI-LP holds a permit, File No. BMPTTL-20010116AJG, authorizing a change in the transmitting facility of WBPI-LP. Construction of the new facility has been completed; however, two changes have been made, which are not specified in the permit.

The directional antenna employed by WBPI-LP is a Superior Broadcast Products type UP-6-WL panel antenna having maximum gain of 15.67 dB. The directional antenna pattern produced by the UP-6-WL antenna is essentially identical to the Bogner type B24UR antenna listed in the permit. Complete details regarding the Superior Broadcast Products antenna will be filed with the Commission shortly.

The second change concerns the height of the antenna. The construction permit specifies the radiation center above ground as 178 meters. The antenna is actually mounted at 146.3 meters (283.3 meters AMSL). The reason for this change in height is explained in Exhibit 17. Due

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to use of lower antenna height, the operation will not result in any interference to pertinent stations.

With respect to exposure of humans to radiofrequency radiation, it is estimated that the radiofrequency radiation at the base of the tower as the result of the WBPI-LP operation is one percent of the ANSI guideline value for an uncontrolled environment.



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