Special Operating Conditions Compliance
W297BV

Pursuant to the Construction Permit, Special Operating Conditions (LMS File No: 0000201018):

-This construction permit authorizes the mounting of an antenna on the nondirectional tower of the AM station identified below. During the installation of the antenna, the AM station shall determine operating power by the indirect method (see Section 73.51 of the Commission's Rules). Upon completion of the antenna installation, antenna impedance measurements on the AM antenna shall be made. If the resistance of the AM antenna has changed by more than 2 percent from the licensed value (see Section 73.45(c)(1) of the Commission's Rules), an application for the AM station to return to direct power measurement, including a tower sketch of the installation, shall be filed with the Commission by the AM station licensee using form FCC 302-AM. (See Section 1.30003 of the Commission's Rules.) The permittee must submit confirmation of completion of the requirements of this condition in the application for license to cover this construction permit. WFIA(AM), Louisville, KY, 900 kHz

Response – Resistance of the WFIA AM antenna has NOT changed more than 2% from the licensed values based on pre and post construction measurements made by the undersigned. Before construction of W297BV commenced the resistance of the tower was measured using an OIB at the tower base. Resistance measurements pre construction were 210 ohms. Construction of W297BV then commenced and upon completion of equipment installation measurements were taken again with the same OIB under the same conditions. Resistance measurements post construction were 214 ohms.

$$\frac{(214-210)}{210} \times 100 = \frac{4}{210} \times 100 = 0.01904 \times 100 = 1.904\%$$

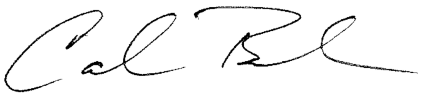
- *Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file an Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.*

Response - Permittee will commence program test operations subsequent to filing this Form 350 license to cover application which this exhibit is appended to.

Transmitter Power Output:

The PSI FML-2A-70WS-DA, 2 bay, .70 wave length antenna has a power gain of 1.78 (2.47 dB).
The transmission line loss is -1.339 dB, the isocoupler loss is -1.539 dB for an overall system efficiency of 70%

250 watts divided by 1.78 (antenna gain) divided by 70% (efficiency %) = 200 watts TPO.



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