APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
WNFN RADIO STATION
CH 294C3 - 106.7 MHZ - 2.95 KW (DA)
MILLERSVILLE, TENNESSEE
April 2008

TECHNICAL STATEMENT

This Technical Statement was prepared on behalf of Cumulus Licensing LLC ("Cumulus"), licensee of radio station WNFN, Channel 294A, Belle Meade, Tennessee. Cumulus has an outstanding permit to make minor changes in the facilities of WNFN (BPH-20070904ADE), which authorizes a change in community of license to Millersville, Tennessee and an upgrade to Channel 294C3. Cumulus herein submits a license application to cover the outstanding permit. Cumulus is operating WNFN at 50% authorized power. It is requested that the Commission review this submission and authorize full power operation for WNFN. A calculation of the transmitter power output of the WNFN transmitter is attached as Exhibit A.

There are seven operating conditions/restrictions on the WNFN permit. The first condition states that Cumulus will reduce the power of WNFN, or cease operation as needed, to insure that persons with access to the tower will not be exposed to radio frequency radiation levels in excess of the Commission's guidelines. Cumulus will comply with this requirement. The second condition states that the WNFN permit was issued pursuant to §73.215 of the rules. Cumulus acknowledges this condition. The next four conditions (#3, #4, #5, and #6) relate to the use of a directional antenna system for WNFN. Attached as Exhibit B is an antenna proof of

performance from Electronics Research, Inc. ("ERI"), the manufacturer of the WNFN antenna system, demonstrating the compliance of the antenna system with the requirements and limits contained in the permit. The measured pattern (composite of horizontal and vertical) is within 85% of the envelope pattern submitted with the construction permit application. Exhibit C is a statement from an engineer that the antenna was assembled and installed in accordance with ERI's specifications. Finally, attached as Exhibit D is a verification from a Land Surveyor that the antenna is oriented as specified by ERI.[1] Further, as detailed in Exhibit B, the power of WNFN between 190° and 210° is below the required limits[2]; the relative field at 190° is 0.697, a power level of 1.43 kilowatts (vertical); the relative field at 200° is 0.679, a power of 1.36 kilowatts (vertical); and the relative field at 210° is 0.699, a power of 1.44 kilowatts (horizontal).

The final condition notes that station WRQQ must commence program test with the facilities authorized in BPH-20070904ADG at Belle Meade, Tennessee, to provide a replacement service to that community, as WNFN will move from Belle Meade to Millersville, Tennessee. WRQQ and WNFN commenced program tests simultaneously. An application to license the changed WRQQ facility is also being filed.

Based on the foregoing, it is believed that WNFN is operating in compliance with the Commission's rules and that all conditions have been met. Therefore, Cumulus requests program test at full authorized power for WNFN.

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1) 108.0° true orientation.

2) The higher relative field of either the horizontal or vertical polarization was used.