

WNFN Special operating conditions or restrictions:

1 Pursuant to the grant of this construction permit and the authority found in Sections 4(i), 5(c)(1), 303 and 307(b) of the Communications Act of 1934, as amended, and Sections 0.61, 0.204(b), 0.283, 1.420, 73.203(b), and 73.3573 of the Commission's Rules, the FM assignment IS MODIFIED as follows:

Community	Channel No.	
Franklin, TN	Add 294C2	
Millersville, TN	Delete 294C3.	<u>Acknowledged.</u>

2 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components.

Attached.

3 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee must submit a certification executed by a licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s) specified in the directional antenna proof of performance.

Attached.

4 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer.

Attached.

5 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

See antenna proof attached for verification of compliance.

6 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage provisions of 47 CFR Sections 73.315.

Attached.

7 This is a Section 73.215 contour protection grant as requested by this applicant.

Acknowledged.

8 Program tests for WNFN(FM) (Facility ID No. 29862) will not commence on channel 294C2 with the facilities specified herein until program tests for WTNX(FM), Lawrenceburg, TN, (Facility ID No. 27422) commence on channel 280A with the facilities specified in BPH-20170627AAJ, and a license will not be granted for WNFN(FM) on channel 294C2 with the facilities specified herein until a license is granted for WTNX(FM) on channel 280A with the facilities specified in BPH-20170627AAJ.

WTNX (now WLWB) has been constructed and licensed on 280A - BLED-20180911AAE.

9 FAA INTERFERENCE CONDITION:

Upon receipt of notification from the Commission that harmful interference is being caused by the operation of the permittee's/licensee's transmitter, the permittee/licensee shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference. This condition expires after one year of interference-free operation.

Acknowledged.

10 Permittee has specified use of a six bay, EPA type 3, circularly polarized, directional FM transmitting antenna with 0.5-wavelength bay spacing, to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 CFR SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC 302-FM, Application For FM Broadcast Station License, BEFORE program tests will be authorized. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

The permittee utilized a four bay half-wave spaced antenna - ERI SHP-4AE-DA-HW. An FM MODEL showing is attached demonstrating RF compliance.

11 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Permittee will comply.

The following exhibits are provided as separate attachments to the license application:

- (1) ERI antenna proof
- (2) Surveyor's certification of azimuth
- (3) Installing engineer's certification
- (4) 70 dBu community coverage
- (5) RF showing.



Charles M. Anderson 2-21-2020
1519 Euclid Avenue
Bowling Green, KY 42103
270-535-4432