

FEDERAL COMMUNICATIONS COMMISSION
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April 14, 2020

Radio Acquisition Corp.
510 Economy Road
P.O Box 220
Morristown, TN 37815

Re: Radio Acquisition Corp.
WMTN(AM), Morristown, TN
Facility Identification Number: 22338
File Number: BP-20200116AAB

Dear Mr. Perry:

This is in reference to the above-captioned minor change application to correct the tower height and coordinates for station WMTN, Morristown, TN. Preliminary examination of the submitted application found numerous typographical errors in your "Executive Summary/Purpose of Application" and on Form 301. Also, we found that the corrected height of 46.6 meters fails the slope test result from the FCC's "TOWAIR" determination utility with respect to Moore-Murrell/Morristown Regional Airport.¹

The following deficiencies were found:

1. Executive summary, second page. Updated coordinates inconsistent with the rest of the application and apparently incorrect. Should be 36-12-25N, 83-19-59W.
2. Executive summary, "Daytime Allocation Study." RMS according to utility Figure 8 and the rest of the allocation should be 293.7 mV/m@1 km.
3. Form 301, Section III-A, Daytime Operation, Antenna Location Coordinates. Wrong coordinates listed.
4. Form 301, 4c. Nondirectional Tower. Overall height wrong, should be 46.6 meters. Height above base wrong, should be 45.7 meters. Electrical height wrong, should be 71.4°.
5. Form 301, Nighttime Operation. 5c. Nondirectional tower. Overall height wrong, should be 46.6 meters.

Furthermore, for both daytime and nighttime operation, the Form 301 responses for "Antenna Structure Registration" are incorrect in that the TOWAIR calculation finds that both the old coordinates and the new coordinates and old and new heights fail the slope test.

¹ WMTN(AM) is licensed for ND operation on 1300 kHz with 5 kW day and 0.096 kW night. BP-20200116AAB proposes no station parameter changes but merely seeks to correct FCC database parameters.

We recommend you consult your client and his records to determine if the current WMTN tower was ever studied for airport clearance. If not, prior to consideration of grant for this application, an FAA airspace study must be initiated, and its recommendations followed by WMTN.

Further action will be withheld for thirty (30) days from the date of this letter to allow time to amend the application and initiate the airspace study. Failure to amend or respond within this time period will result in the dismissal of the application pursuant to Section 73.3568 of the Commission's rules.

Sincerely,

A handwritten signature in blue ink, appearing to read "Son Nguyen", is positioned below the word "Sincerely,".

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

cc: Ed Arnold, WMTN (by email only)
Larry Perry, PE (by email only)