

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 TWELFTH STREET SW**  
**WASHINGTON DC 20554**

**MEDIA BUREAU**  
**AUDIO DIVISION**  
**APPLICATION STATUS:** (202) 418-2730  
**HOME PAGE:** [www.fcc.gov/mb/audio/](http://www.fcc.gov/mb/audio/)

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July 14, 2010

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Raleigh, NC 27601

Re: WGDJ(AM), Rensselaer, NY  
Capital Broadcasting, Inc.  
Facility Identification Number: 40768  
License application: BMML-20091030AID  
Construction permit: BP-200800305ADS

Dear Counsel:

This is in reference to WGDJ's pending license application to cover the above-captioned construction permit.

The engineering amendment submitted on November 17, 2009, states that the unused towers in the daytime array are open-circuited or "floating." The revised moment method model for the daytime array, however, shows the unused towers 3 and 4 as driven elements. In order to reflect the array setup described in the November amendment, the model should represent the open-circuited towers in the same manner as that shown in Section III of the engineering exhibit, which calculates impedances for individual towers with the other towers open-circuited.

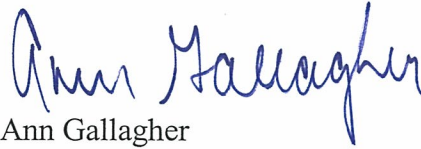
Using the applicant's drive voltages for the driven elements in the daytime array (towers 1, 2, 5, and 6), and using the loads corresponding to the open-circuited condition for towers 3 and 4, the model of the daytime antenna system does not produce current distributions that correspond to the theoretical antenna parameters as Section 73.151(c)(2)(i) requires.

In addition, the daytime operating parameters shown in the November amendment do not correspond to the currents predicted by the model. The operating parameters shown in Section IV of the amendment, and on Form 302-FM, were apparently derived from the currents shown in the "medium wave array synthesis" function of the modeling software. The operating parameters are properly

derived from the predicted current pulse corresponding to the sampling location, which in this case is the tower base.

Further action on the subject license application will be withheld until the applicant submits an amendment addressing the deficiencies described above. Failure to respond within 30 days from the date of this letter may result in dismissal of the application pursuant to 47 CFR Section 73.3568(a)(1).

Sincerely,



Ann Gallagher  
Audio Division  
Media Bureau

Cc: Timothy Z. Sawyer