



**STATEMENT OF JAMES D. SADLER  
IMPACT ON AUXILIARY AM STATION WAVA – ARLINGTON, VIRGINIA  
IN SUPPORT OF AN APPLICATION FOR LICENSE  
FM TRANSLATOR STATION W284CQ - WASHINGTON, DC  
FACILITY ID: 31140**

Applicant: AMFM Radio Licenses, LLC

I am a Technical Consultant, an employee in the firm of Carl T. Jones Corporation with offices located in Springfield, VA. My education and experience are a matter of record with the Federal Communications Commission.

**Discussion**

The W284CQ Construction Permit, FCC File No. BMPFT-20151026ABC, authorizes the installation of a new transmitting antenna and associated transmission line on the center tower of the WWRC AM directional antenna array. AM Radio Station WAVA, Arlington, Virginia, holds a license to operate with a daytime non-directional auxiliary antenna on the end tower (northwest) of the WWRC antenna array. A special operating condition was placed on the W284CQ Construction Permit requiring the permittee to examine the potential impact of the construction of the authorized facilities on AM Station WAVA using a moment method analysis.

Radio Station WAVA operates the auxiliary operation during daytime and critical hours only employing a power of 5 kilowatts and 4 kilowatts, respectively. The auxiliary

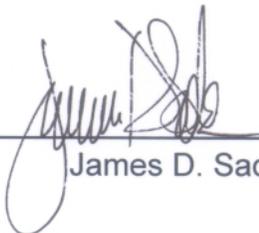


operation employs the northwest tower (Tower #2) of the WWRC directional antenna array. Filtering circuitry is installed on tower numbers 2 and 3 in the WWRC daytime directional array to prevent interaction. Because the center tower (Tower #1) is not utilized by WWRC in the daytime directional array there is no filtering circuitry or detuning circuitry installed on the center tower for Station WAVA.

The installation of the FM Translator antenna and transmission line on the center tower (Tower#1) will not alter the tower's physical height and the tower is neither base insulated or detuned for the WAVA operation. Therefore, it is believed that the condition placed on the W284CQ Construction Permit which requires the modeling analysis of the tower is not required as the installation is not identified as a significant modification of a tower in the immediate vicinity of an AM station per Section 1.30002(d) of the Commission's Rules. Particular care was taken in the installation of the new antenna and transmission line to minimize the effect on both the WWRC antenna system and the WAVA antenna system. Therefore, it is believed that the addition of the W284CQ antenna and transmission line has had no impact on the auxiliary operation of WAVA.

This engineering statement was prepared by me or under my direct supervision and the information therein is believed to be true and correct.

Dated: March 16, 2016



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James D. Sadler