

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 12<sup>th</sup> 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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November 10, 2016

Greater Washington Educational  
Telecommunications Association, Inc.  
3939 Campbell Avenue  
Arlington, VA 22206

Re: WETA(FM), Washington, DC  
Facility Identification No. 65669  
Greater Washington Educational  
Telecommunications Association, Inc.  
File No. 20161103ACE

**Request for Increased Digital Power**  
**Hybrid IBOC Digital Operation**

Dear Licensee:

This letter is in reference to the request filed November 3, 2016, by Greater Washington Educational Telecommunications Association, Inc. (GWETA), licensee of noncommercial educational FM Station WETA(FM), Washington, DC.<sup>1</sup> GWETA requests authority to operate Station WETA(FM) with increased digital effective radiated power (ERP) in excess of -20 dBc<sup>2</sup>, pursuant to the Media Bureau's Order adopted January 27, 2010, in MM Docket No. 99-325.<sup>3</sup>

Our review indicates that the notification requirements of the Order have been satisfied, and that the proposed operation complies with the technical requirements of the Order.

Accordingly, the request IS HEREBY GRANTED. Station WETA(FM) may operate with increased digital ERP and transmitter power output (TPO) as follows:

|              |                                      |
|--------------|--------------------------------------|
| Analog ERP:  | 75 kilowatts (kW) (H&V) <sup>4</sup> |
| Digital ERP: | 3.2 kW (H&V)                         |
| Analog TPO:  | 33 kW                                |
| Digital TPO: | 2.00 kW. <sup>5</sup>                |

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<sup>1</sup> File No. BMLED-20070511AAI.

<sup>2</sup> Decibels relative to analog carrier.

<sup>3</sup> *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, MM Docket No. 99-325, Order, 25 FCC Rcd 1182 (MB 2010) (Order).

<sup>4</sup> All ERP and TPO values rounded in accordance with 47 CFR § 73.212(a).

<sup>5</sup> WETA(FM) proposes use of MP3 service mode.

As required by Section 73.1560(b) of the Commission's rules,<sup>6</sup> GWETA must maintain WETA(FM) analog and digital TPO values within 90 percent and 105 percent of the values shown above.

GWETA must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines specified in Section 1.1310 of the Commission's rules.<sup>7</sup> It may be necessary for GWETA to reduce the power of the digital signal or cease hybrid digital operation if interference complaints are received. This authority may be modified or cancelled by the Commission without notice or right to hearing. This authority attaches to, and runs concurrently with, the main WETA(FM) station license. GWETA must post a copy of this authority with the WETA(FM) station license.

Sincerely,

A handwritten signature in blue ink, appearing to read "Susan N. Crawford", is written over the typed name.

Susan N. Crawford  
Senior Engineer  
Audio Division  
Media Bureau

cc: Barry S. Persh, Esq.  
Joseph M. Davis, P.E. (via email)

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<sup>6</sup> 47 CFR § 73.1560(b).

<sup>7</sup> 47 CFR § 1.1310.