

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 12<sup>th</sup> STREET, SW**  
**WASHINGTON, DC 20554**

**MEDIA BUREAU**  
**AUDIO DIVISION**  
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November 17, 2014

Kenneth E. Satten, Esq.  
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2300 N Street, NW  
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Washington, DC 20037-1128

Re: WQKX(FM), Sunbury, Pennsylvania  
Facility Identification No. 63890  
Sunbury Broadcasting Corporation  
File No. 20141031AAP

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

Dear Counsel:

This is in reference to the request filed October 31, 2014, on behalf of Sunbury Broadcasting Corporation ("Sunbury"), licensee of FM Station WQKX(FM), Sunbury, Pennsylvania.<sup>1</sup> Sunbury requests authority to operate Station WQKX(FM) with increased digital effective radiated power ("ERP") of -10 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 contour non-overlap and other technical requirements of the *Order*.

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

Analog ERP:	16.0 kW (H&V) <sup>4</sup>
Digital ERP:	1.60 kW (H&V) <sup>5</sup>
Combined TPO:	6.3 kW.

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<sup>1</sup> File No. BMLH-20050822AAE.

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

<sup>3</sup> See *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (2010) ("*Order*").

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

<sup>5</sup> Licensee specified use of MP3 service mode and symmetric digital sidebands. Using the total digital sideband ERP values set forth in NRSC guideline "NRSC-G202, FM IBOC Total Digital Sideband Power for Various Configurations" ("*NRSC-G202*") (September 2010) for MP3 service mode with symmetric digital sidebands, the maximum permissible total digital sideband ERP for Station WQKX(FM) is 1.90 kW. The licensee must adjust the station's total digital sideband ERP in accordance with NRSC-G202 if operating using a service mode other than MP3, i.e., MP1, MP2 or MP11 and symmetric digital sidebands.

Sunbury 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; *See* 47 C.F.R. § 1.1310. It may be necessary to reduce the power of the digital signal or cease hybrid 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 station license. Sunbury must post a copy of this authority with the station license.

Sincerely,



Susan N. Crawford  
Audio Division  
Media Bureau

cc: Stuart S. Graham (via email)  
Sunbury Broadcasting Corporation